

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100322\
 Data File : VN074721.D
 Acq On : 03 Oct 2022 21:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 04 06:16:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 05:54:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.934	168	195791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	348058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	387834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	255657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	271933	55.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.540%			
35) Dibromofluoromethane	7.863	113	198900	53.157	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.320%			
50) Toluene-d8	10.310	98	835478	54.323	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.640%			
62) 4-Bromofluorobenzene	12.604	95	268536	51.029	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	222481	55.065	ug/l	95
3) Chloromethane	2.216	50	334078	57.486	ug/l	99
4) Vinyl Chloride	2.352	62	614193	52.420	ug/l	96
5) Bromomethane	2.716	94	519294	56.912	ug/l	94
6) Chloroethane	2.893	64	510604	54.398	ug/l	96
7) Trichlorofluoromethane	3.240	101	335861	53.234	ug/l	100
8) Diethyl Ether	3.681	74	143193	51.538	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.046	101	189950	53.669	ug/l	90
10) Methyl Iodide	4.251	142	244314	56.676	ug/l	94
11) Tert butyl alcohol	5.175	59	307018	285.828	ug/l #	86
12) 1,1-Dichloroethene	4.022	96	179738	51.023	ug/l	93
13) Acrolein	3.887	56	116990	286.257	ug/l	94
14) Allyl chloride	4.657	41	390725	54.013	ug/l	93
15) Acrylonitrile	5.363	53	846774	277.023	ug/l	100
16) Acetone	4.122	43	696595	265.708	ug/l	95
17) Carbon Disulfide	4.357	76	530119	51.346	ug/l	99
18) Methyl Acetate	4.663	43	468730	52.398	ug/l	92
19) Methyl tert-butyl Ether	5.416	73	784388	55.969	ug/l	96
20) Methylene Chloride	4.898	84	226918	52.246	ug/l #	79
21) trans-1,2-Dichloroethene	5.404	96	212399	55.646	ug/l	96
22) Diisopropyl ether	6.304	45	880098	55.207	ug/l #	94
23) Vinyl Acetate	6.245	43	3732837	259.383	ug/l #	90
24) 1,1-Dichloroethane	6.198	63	445188	56.327	ug/l	99
25) 2-Butanone	7.157	43	1245924	267.414	ug/l	96
26) 2,2-Dichloropropane	7.151	77	300631	50.208	ug/l	99
27) cis-1,2-Dichloroethene	7.151	96	259847	54.486	ug/l	95
28) Bromochloromethane	7.492	49	219149	57.847	ug/l #	69
29) Tetrahydrofuran	7.516	42	873235	284.461	ug/l	86
30) Chloroform	7.657	83	450068	58.237	ug/l	92
31) Cyclohexane	7.934	56	401517	52.814	ug/l	92
32) 1,1,1-Trichloroethane	7.851	97	367646	55.298	ug/l	94
36) 1,1-Dichloropropene	8.069	75	330381	54.215	ug/l	96
37) Ethyl Acetate	7.245	43	472300	55.192	ug/l #	95
38) Carbon Tetrachloride	8.045	117	290209	53.853	ug/l	98
39) Methylcyclohexane	9.322	83	416369	56.405	ug/l	94
40) Benzene	8.310	78	1049376	56.481	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.475	41	204383m	49.182	ug/l	
42) 1,2-Dichloroethane	8.381	62	364902	57.383	ug/l	97
43) Isopropyl Acetate	8.416	43	762286	58.623	ug/l #	92
44) Trichloroethene	9.075	130	212205	51.732	ug/l	75
45) 1,2-Dichloropropane	9.351	63	276372	56.077	ug/l	92
46) Dibromomethane	9.439	93	176631	51.923	ug/l #	84
47) Bromodichloromethane	9.628	83	350208	56.029	ug/l	99
48) Methyl methacrylate	9.422	41	330095	55.409	ug/l	87
49) 1,4-Dioxane	9.433	88	124907	1133.678	ug/l #	92
51) 4-Methyl-2-Pentanone	10.204	43	2722757	290.636	ug/l	88
52) Toluene	10.375	92	662721	58.629	ug/l	99
53) t-1,3-Dichloropropene	10.592	75	373560	60.641	ug/l	98
54) cis-1,3-Dichloropropene	10.057	75	409833	59.478	ug/l #	88
55) 1,1,2-Trichloroethane	10.769	97	260392	57.264	ug/l	97
56) Ethyl methacrylate	10.639	69	428397	59.851	ug/l #	76
57) 1,3-Dichloropropane	10.916	76	450090	55.094	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.910	63	796760	288.647	ug/l	91
59) 2-Hexanone	10.963	43	2073036	295.329	ug/l	88
60) Dibromochloromethane	11.110	129	247966	59.616	ug/l	99
61) 1,2-Dibromoethane	11.216	107	258623	57.525	ug/l	98
64) Tetrachloroethene	10.845	164	172897	54.644	ug/l	93
65) Chlorobenzene	11.645	112	663129	56.313	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.716	131	230320	59.282	ug/l	98
67) Ethyl Benzene	11.722	91	1269998	57.871	ug/l	94
68) m/p-Xylenes	11.827	106	995470	121.716	ug/l	98
69) o-Xylene	12.157	106	491879	59.923	ug/l	98
70) Styrene	12.169	104	831891	52.664	ug/l	99
71) Bromoform	12.333	173	177774	56.096	ug/l #	98
73) Isopropylbenzene	12.457	105	1280495	54.209	ug/l	98
74) N-amyl acetate	12.269	43	666071	57.044	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.704	83	464154	51.520	ug/l	98
76) 1,2,3-Trichloropropane	12.757	75	373461m	64.503	ug/l	
77) Bromobenzene	12.733	156	262311	51.948	ug/l	84
78) n-propylbenzene	12.792	91	1522888	56.312	ug/l	95
79) 2-Chlorotoluene	12.880	91	870503	54.628	ug/l	96
80) 1,3,5-Trimethylbenzene	12.933	105	1069228	56.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.504	75	124680	56.342	ug/l #	84
82) 4-Chlorotoluene	12.980	91	861097	55.870	ug/l	98
83) tert-Butylbenzene	13.198	119	937381	55.567	ug/l	97
84) 1,2,4-Trimethylbenzene	13.239	105	1107541	60.988	ug/l	94
85) sec-Butylbenzene	13.374	105	1365999	56.793	ug/l	94
86) p-Isopropyltoluene	13.492	119	1095639	59.422	ug/l	98
87) 1,3-Dichlorobenzene	13.492	146	534155	55.666	ug/l	99
88) 1,4-Dichlorobenzene	13.568	146	526446	55.997	ug/l	99
89) n-Butylbenzene	13.816	91	963181	57.841	ug/l	94
90) Hexachloroethane	14.080	117	174558	55.825	ug/l	82
91) 1,2-Dichlorobenzene	13.863	146	529557	56.734	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.480	75	90971	54.853	ug/l	85
93) 1,2,4-Trichlorobenzene	15.127	180	227810	55.351	ug/l	95
94) Hexachlorobutadiene	15.233	225	104539	50.233	ug/l	99
95) Naphthalene	15.363	128	933885	59.714	ug/l	99
96) 1,2,3-Trichlorobenzene	15.551	180	235957	54.327	ug/l	99

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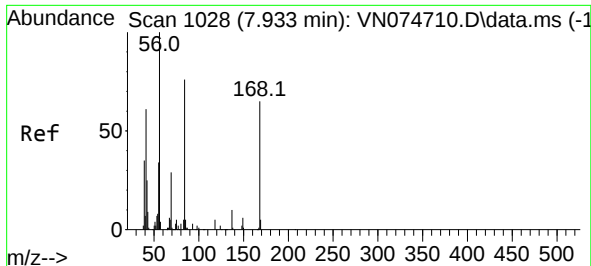
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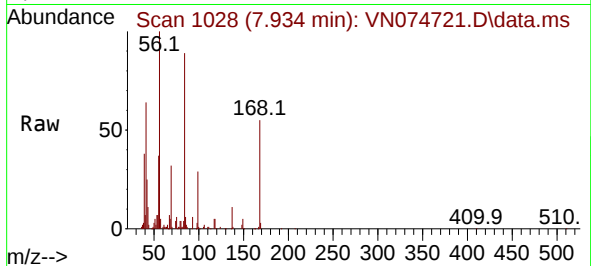
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 10
Delta R.T. 0.001 min
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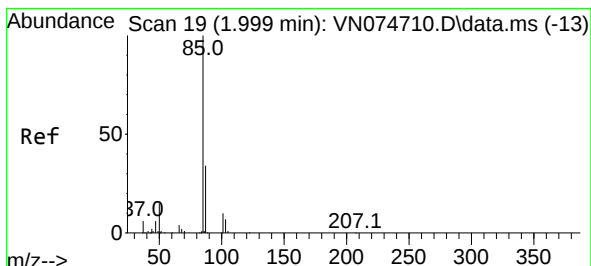
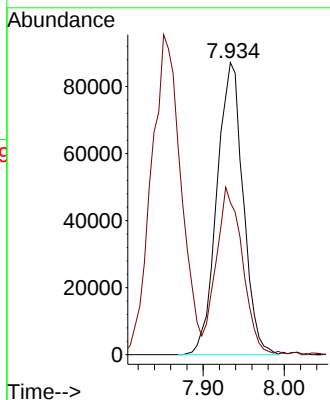
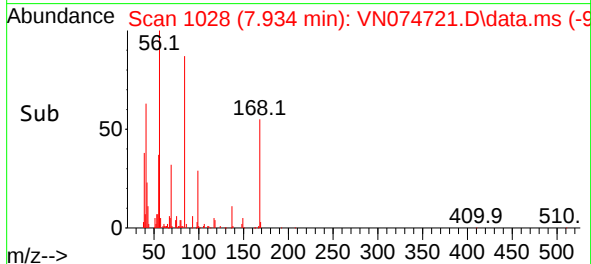
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Tgt Ion:168 Resp: 19579
Ion Ratio Lower Upper
168 100
99 50.9 42.3 63.5

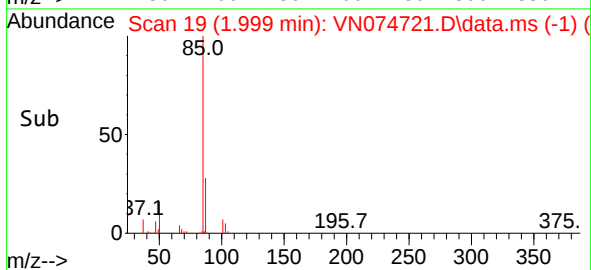
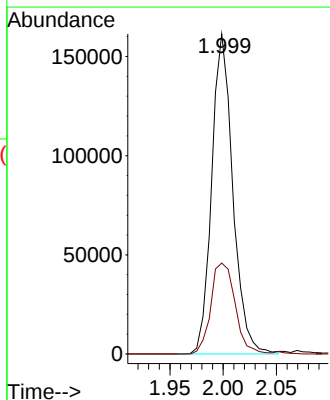
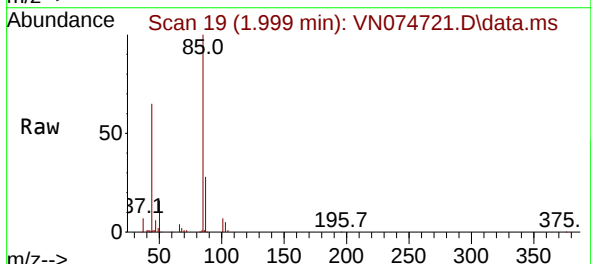
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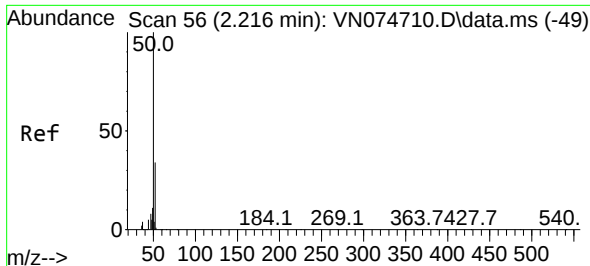
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#2
Dichlorodifluoromethane
Concen: 55.065 ug/l
RT: 1.999 min Scan# 19
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

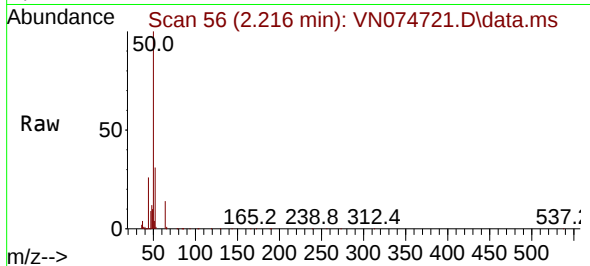
Tgt Ion: 85 Resp: 222481
Ion Ratio Lower Upper
85 100
87 28.4 15.7 47.1





#3
Chloromethane
Concen: 57.486 ug/l
RT: 2.216 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

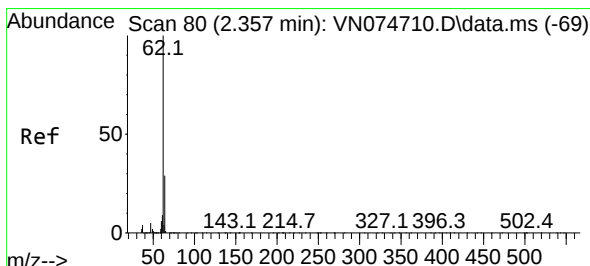
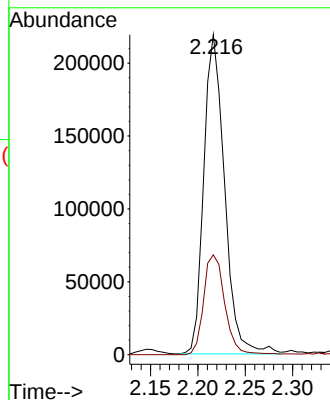
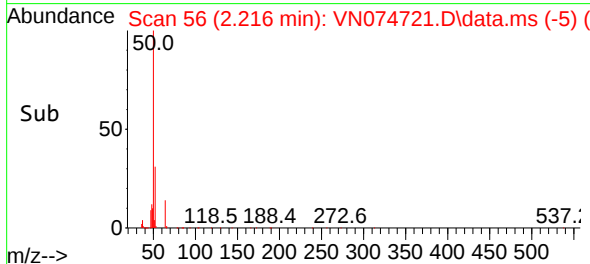
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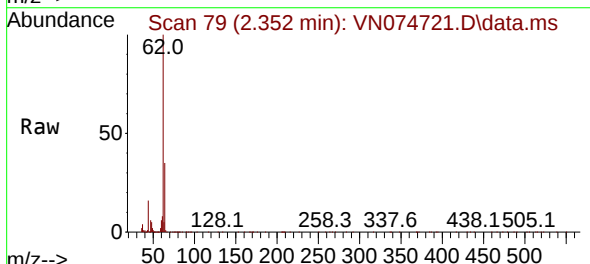
Tgt Ion: 50 Resp: 334078
Ion Ratio Lower Upper
50 100
52 31.3 25.7 38.5

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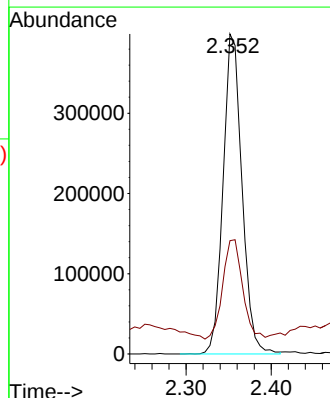
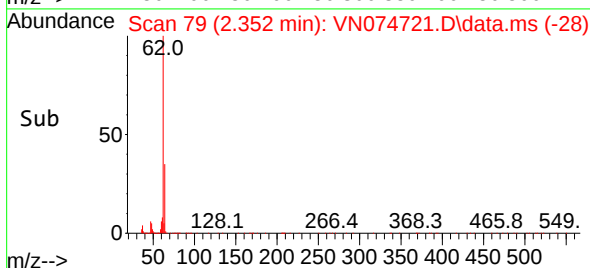
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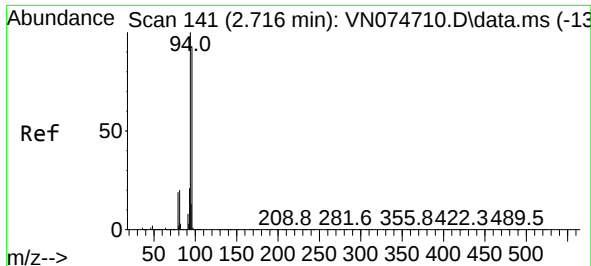


#4
Vinyl Chloride
Concen: 52.420 ug/l
RT: 2.352 min Scan# 79
Delta R.T. 0.001 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28



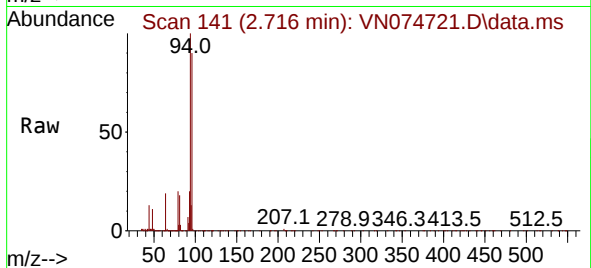
Tgt Ion: 62 Resp: 614193
Ion Ratio Lower Upper
62 100
64 28.9 25.0 37.4





#5
Bromomethane
Concen: 56.912 ug/l
RT: 2.716 min Scan# 141
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

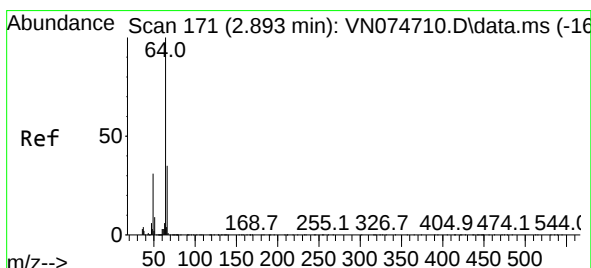
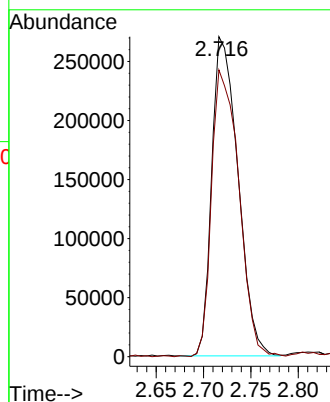
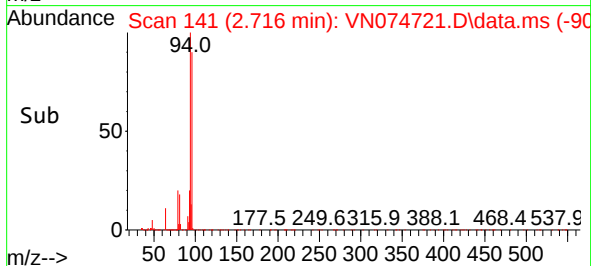
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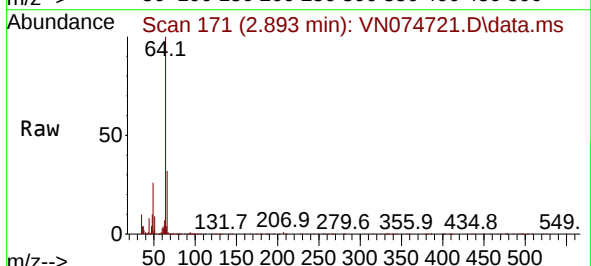
Tgt Ion: 94 Resp: 519294
Ion Ratio Lower Upper
94 100
96 89.5 76.0 114.0

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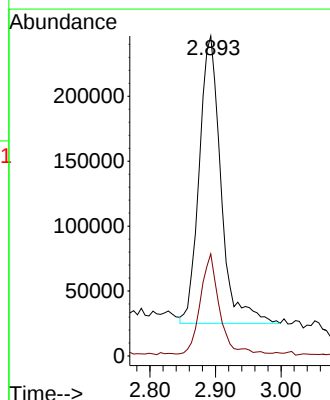
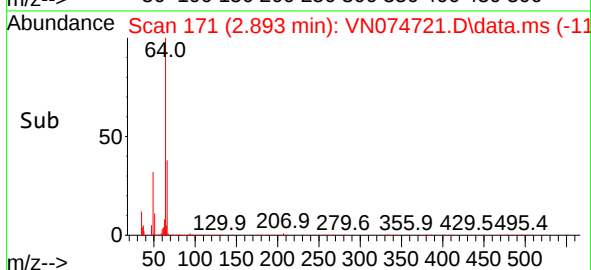
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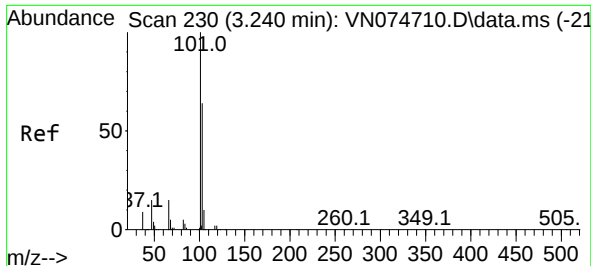


#6
Chloroethane
Concen: 54.398 ug/l
RT: 2.893 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN074721.D
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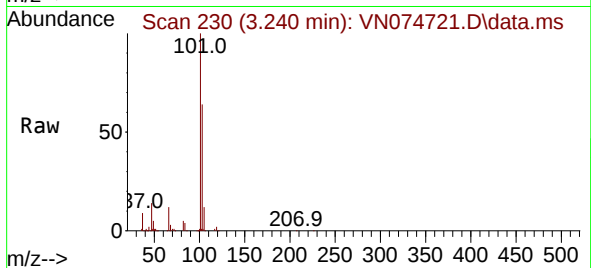
Tgt Ion: 64 Resp: 510604
Ion Ratio Lower Upper
64 100
66 34.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 53.234 ug/l
RT: 3.240 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074721.D
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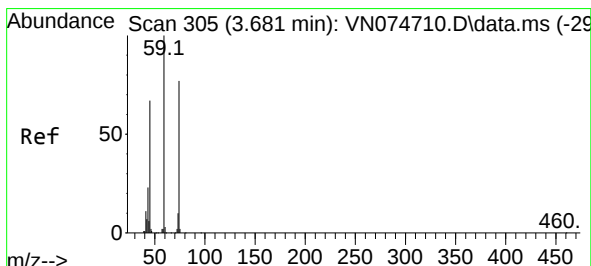
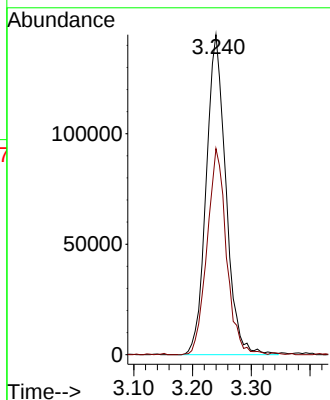
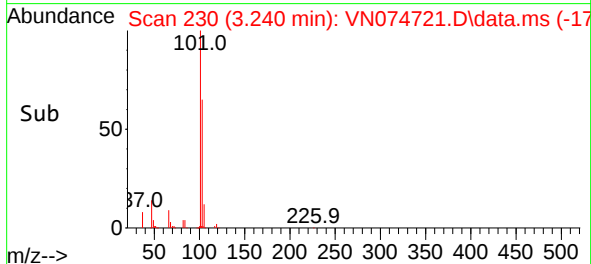
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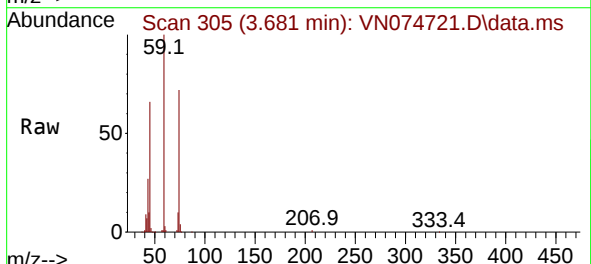
Tgt Ion:101 Resp: 33586
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

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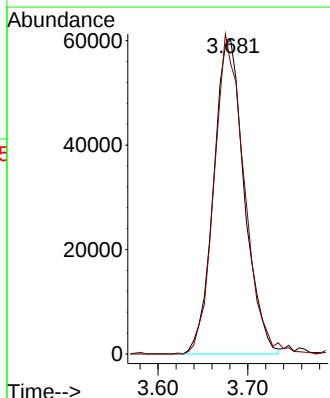
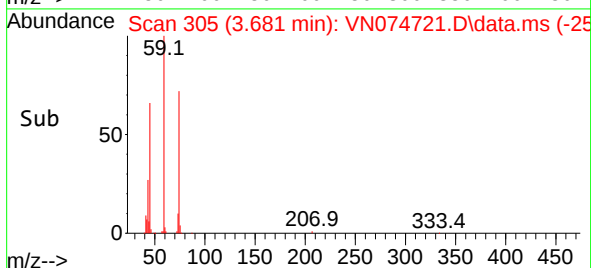
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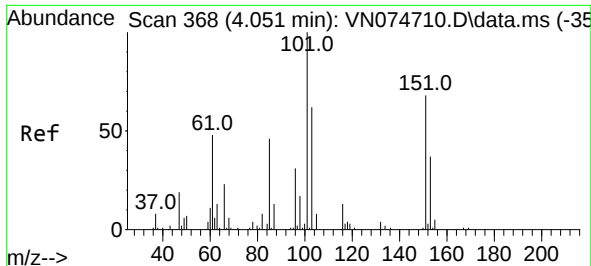


#8
Diethyl Ether
Concen: 51.538 ug/l
RT: 3.681 min Scan# 305
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 143193
Ion Ratio Lower Upper
74 100
45 100.0 42.9 128.5





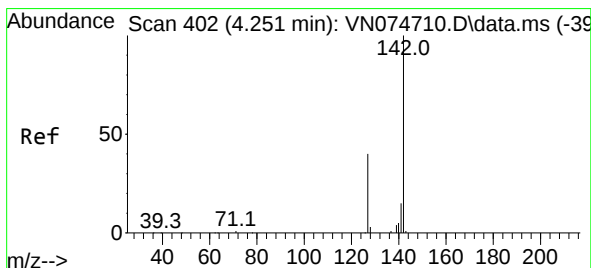
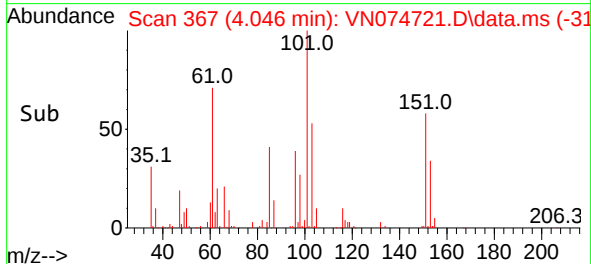
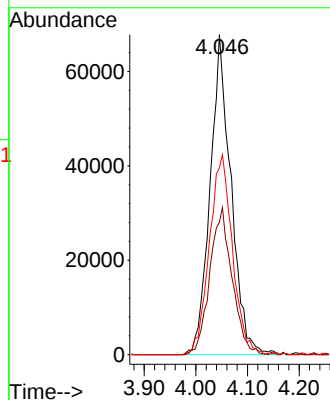
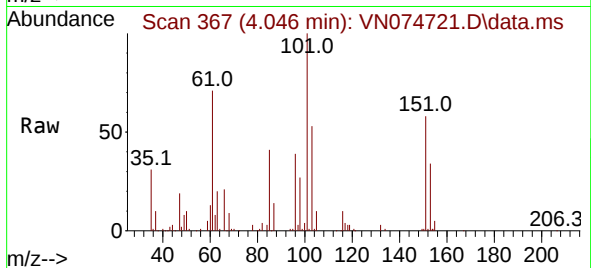
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.669 ug/l
RT: 4.046 min Scan# 367
Delta R.T. 0.001 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 189950
Ion Ratio Lower Upper
101 100
85 49.0 34.7 52.1
151 68.9 63.0 94.4

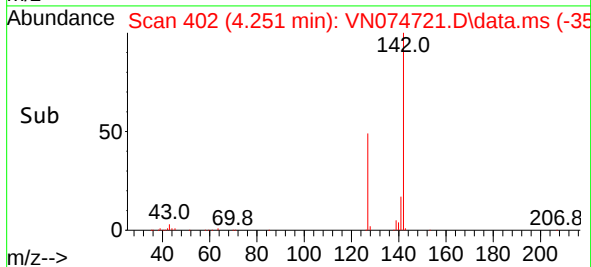
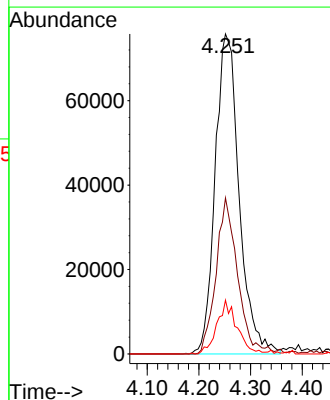
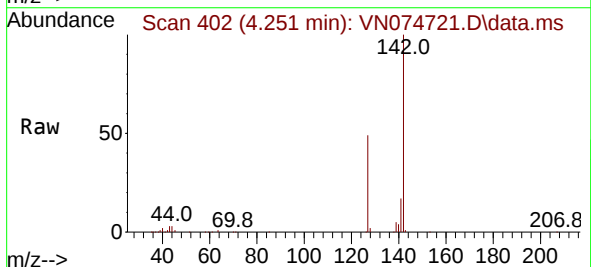
Manual Integrations
APPROVED

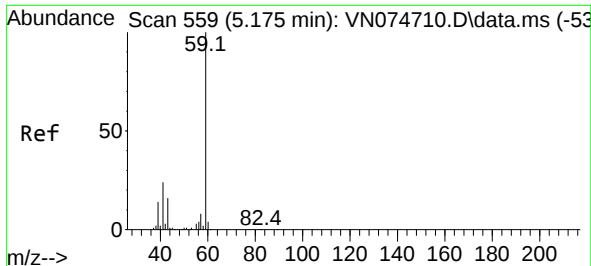
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#10
Methyl Iodide
Concen: 56.676 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

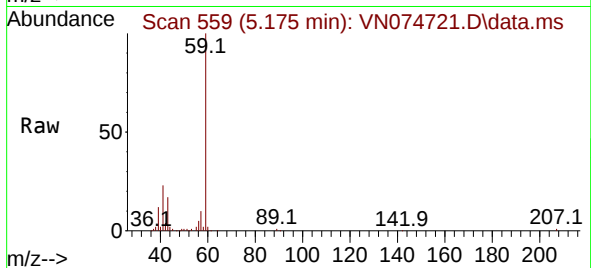
Tgt Ion:142 Resp: 244314
Ion Ratio Lower Upper
142 100
127 43.8 31.3 46.9
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 285.828 ug/l
RT: 5.175 min Scan# 559
Delta R.T. 0.006 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

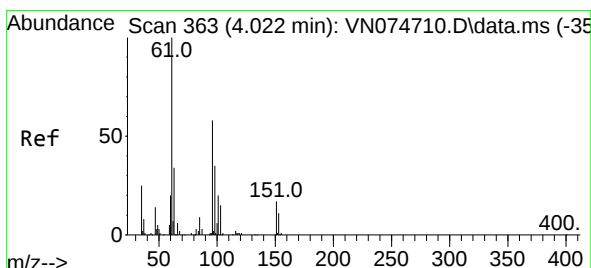
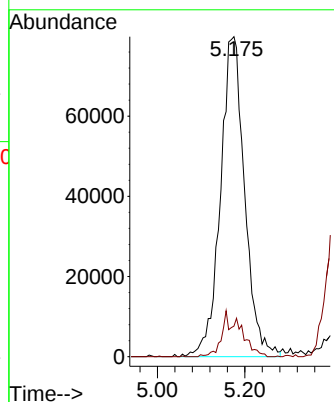
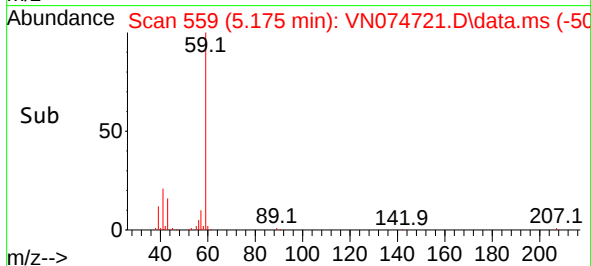
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



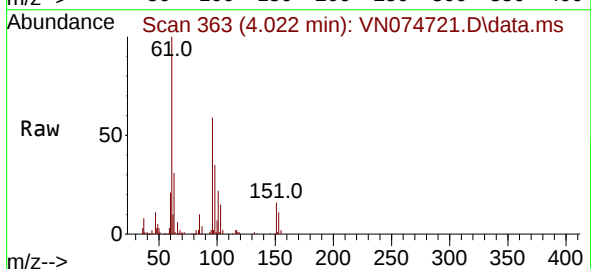
Tgt Ion: 59 Resp: 307018
Ion Ratio Lower Upper
59 100
57 5.2 8.3 12.5

Manual Integrations
APPROVED

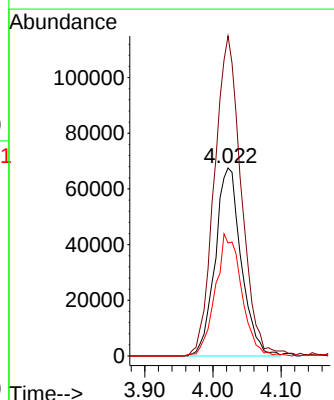
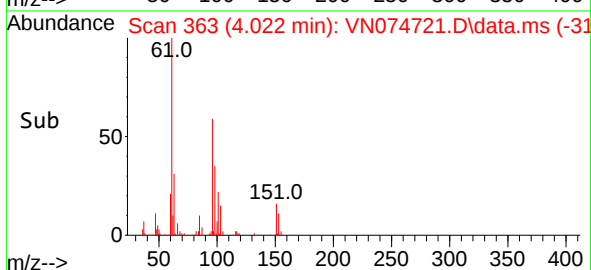
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

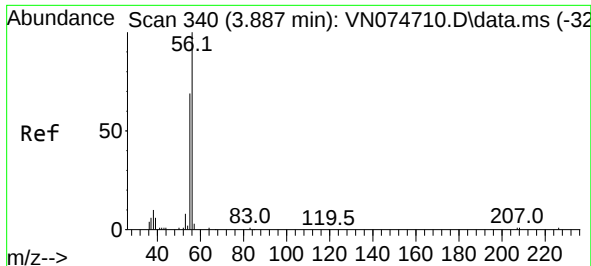


#12
1,1-Dichloroethene
Concen: 51.023 ug/l
RT: 4.022 min Scan# 363
Delta R.T. 0.006 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28



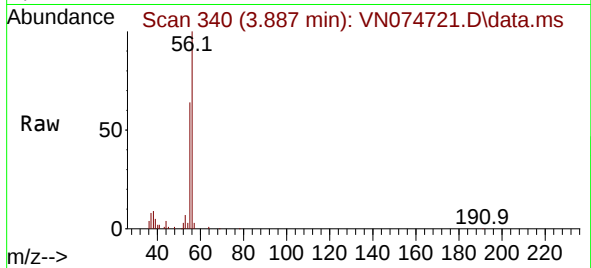
Tgt Ion: 96 Resp: 179738
Ion Ratio Lower Upper
96 100
61 170.3 127.6 191.4
98 60.1 51.2 76.8





#13
Acrolein
Concen: 286.257 ug/l
RT: 3.887 min Scan# 340
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

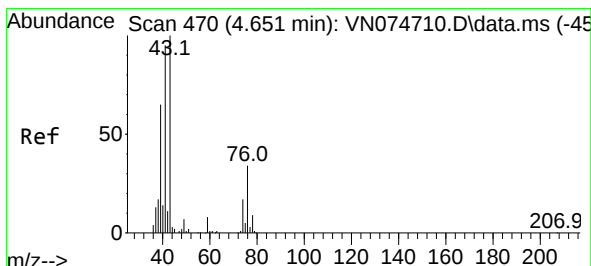
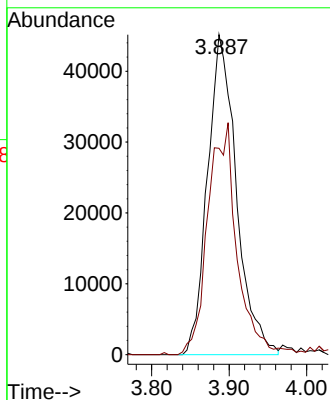
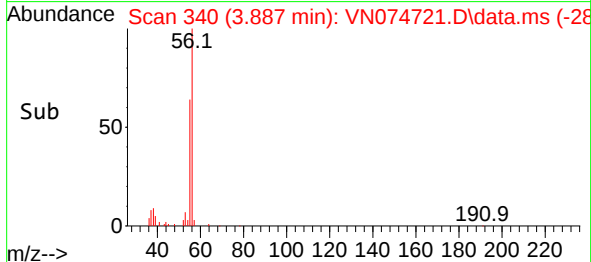
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 116990
Ion Ratio Lower Upper
56 100
55 73.0 54.8 82.2

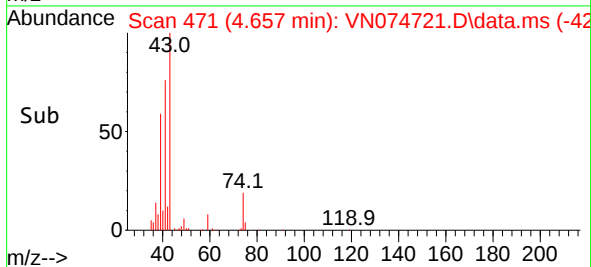
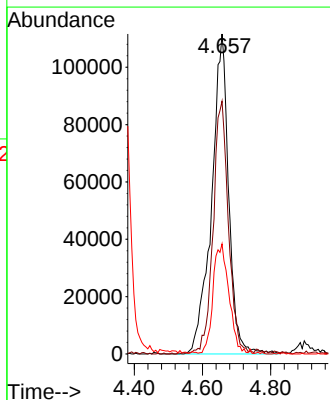
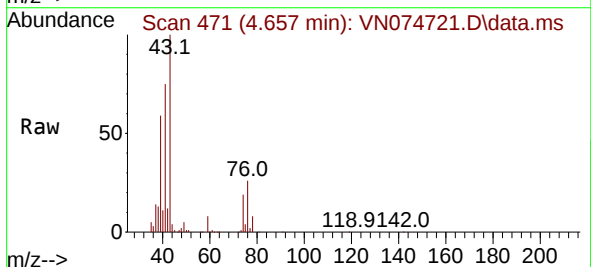
Manual Integrations
APPROVED

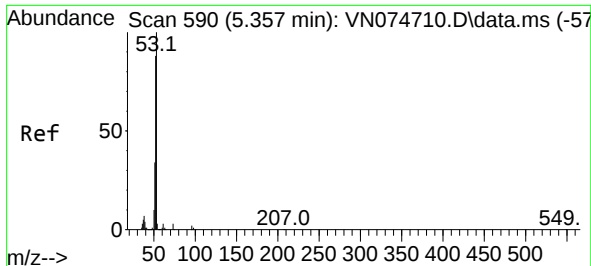
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#14
Allyl chloride
Concen: 54.013 ug/l
RT: 4.657 min Scan# 471
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

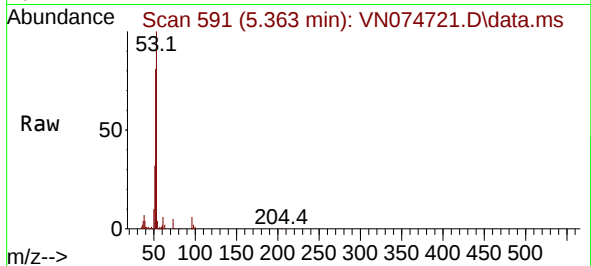
Tgt Ion: 41 Resp: 390725
Ion Ratio Lower Upper
41 100
39 70.5 53.2 79.8
76 31.2 29.9 44.9





#15
Acrylonitrile
Concen: 277.023 ug/l
RT: 5.363 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

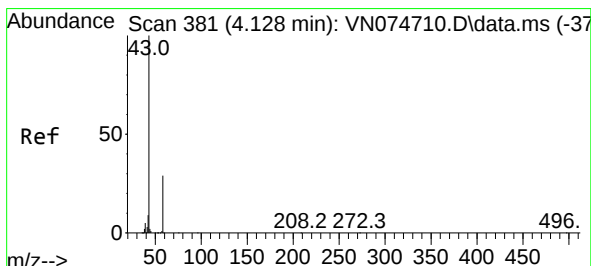
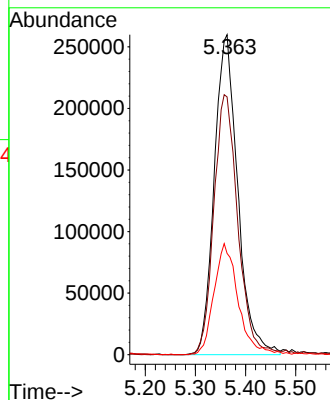
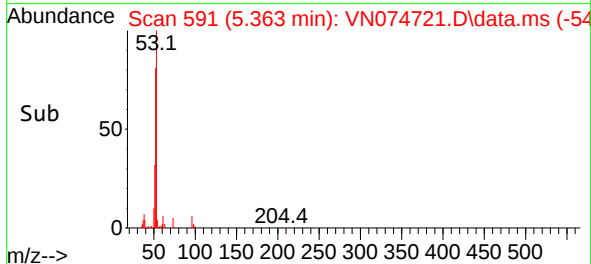
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 846774
Ion Ratio Lower Upper
53 100
52 83.3 66.4 99.6
51 35.8 28.5 42.7

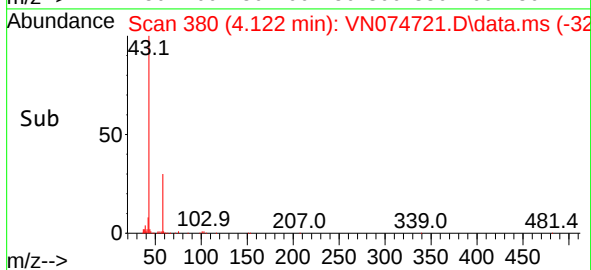
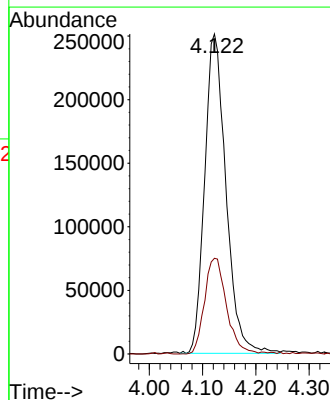
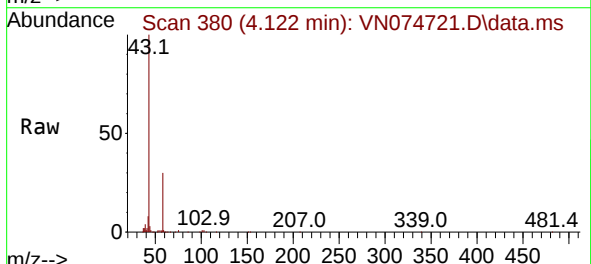
Manual Integrations
APPROVED

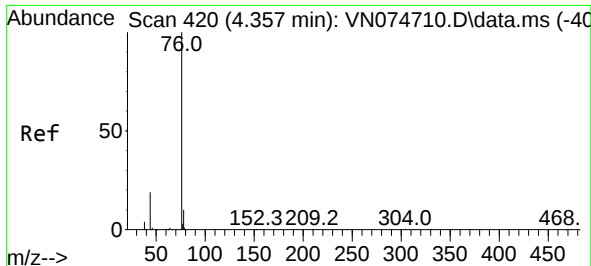
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#16
Acetone
Concen: 265.708 ug/l
RT: 4.122 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

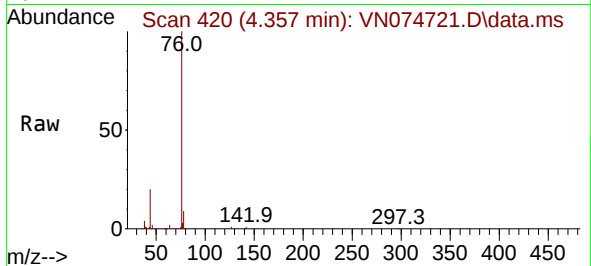
Tgt Ion: 43 Resp: 696595
Ion Ratio Lower Upper
43 100
58 30.0 26.0 39.0





#17
Carbon Disulfide
Concen: 51.346 ug/l
RT: 4.357 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

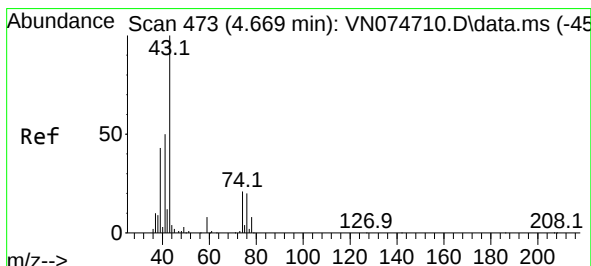
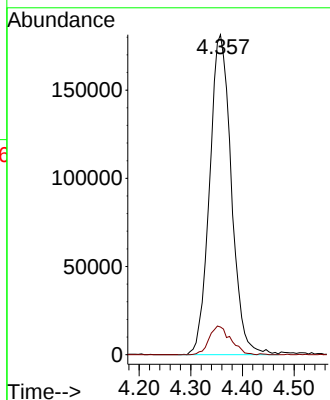
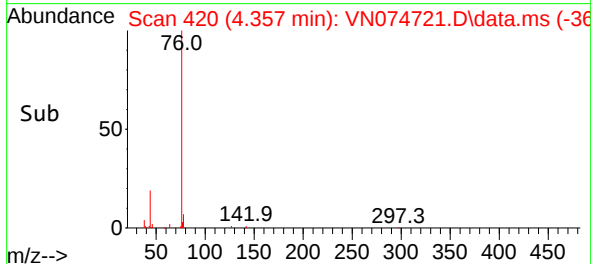
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



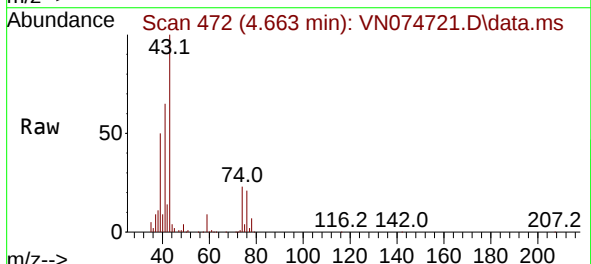
Tgt Ion: 76 Resp: 530119
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

Manual Integrations
APPROVED

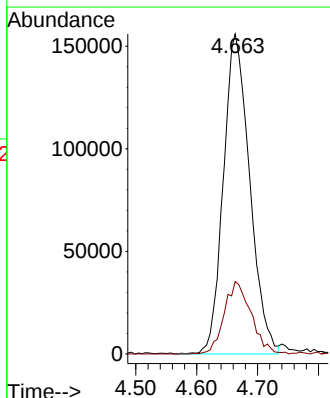
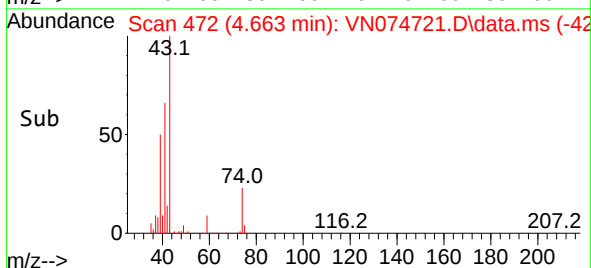
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

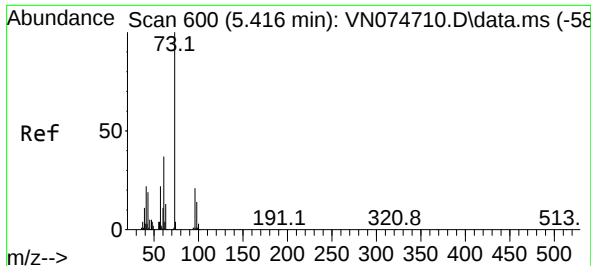


#18
Methyl Acetate
Concen: 52.398 ug/l
RT: 4.663 min Scan# 472
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28



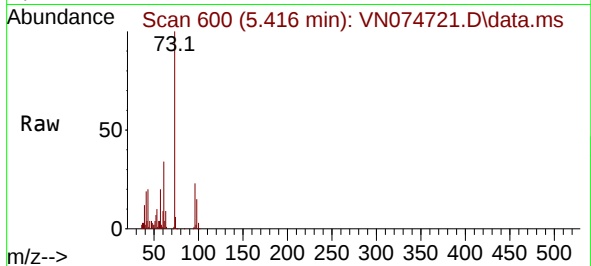
Tgt Ion: 43 Resp: 468730
Ion Ratio Lower Upper
43 100
74 23.1 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 55.969 ug/l
RT: 5.416 min Scan# 600
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

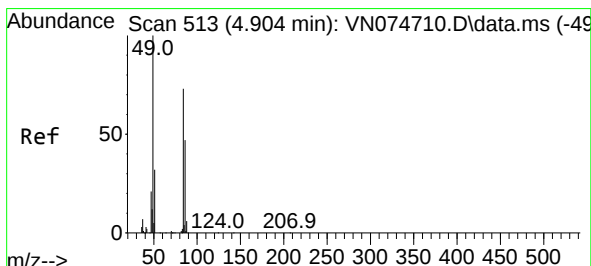
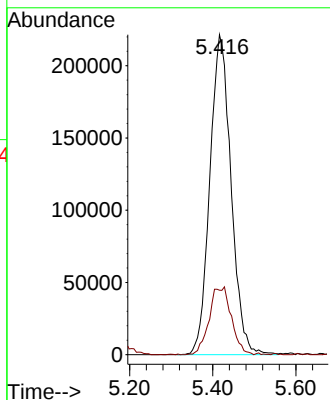
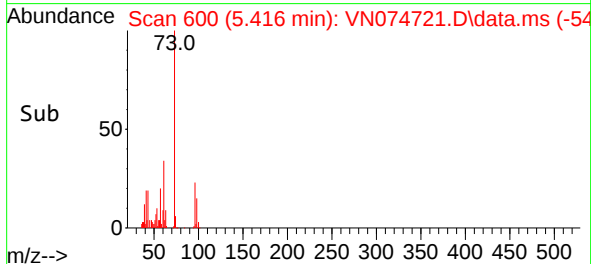
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 78438
Ion Ratio Lower Upper
73 100
57 20.1 17.6 26.4

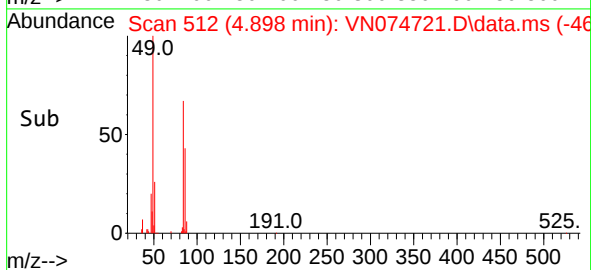
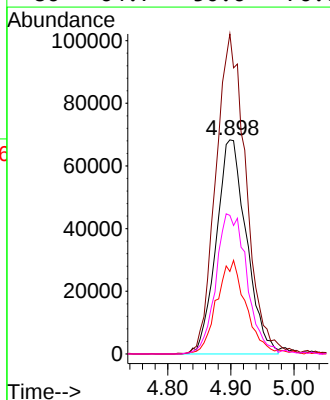
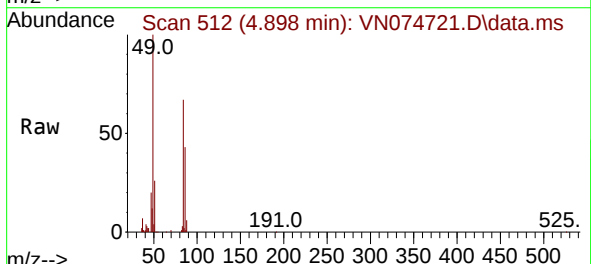
Manual Integrations
APPROVED

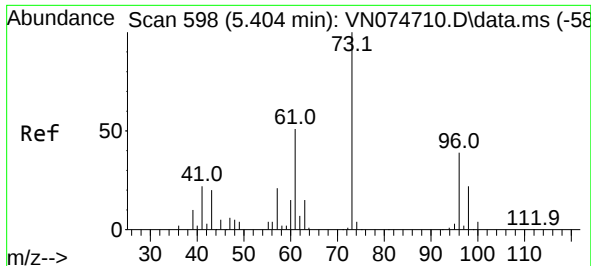
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#20
Methylene Chloride
Concen: 52.246 ug/l
RT: 4.898 min Scan# 512
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

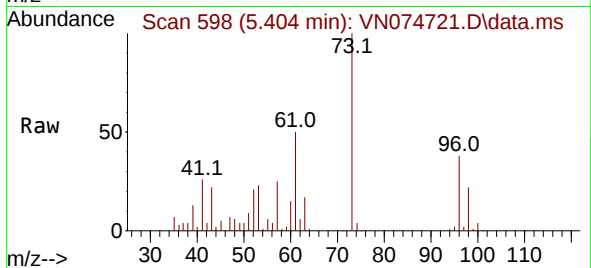
Tgt Ion: 84 Resp: 226918
Ion Ratio Lower Upper
84 100
49 149.1 88.3 132.5#
51 38.5 28.2 42.2
86 64.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 55.646 ug/l
RT: 5.404 min Scan# 598
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

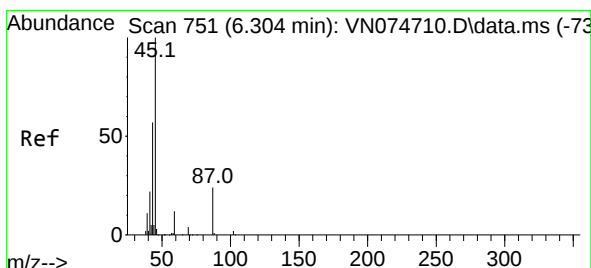
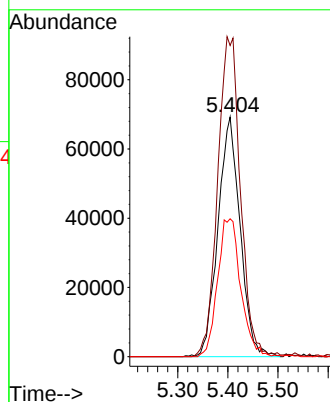
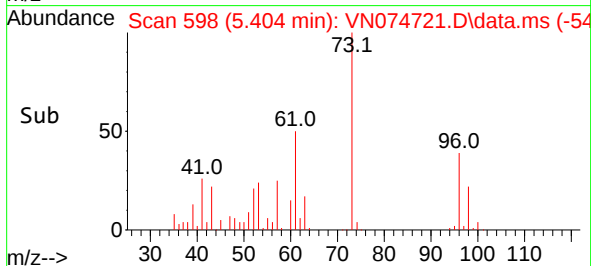
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 212399
Ion Ratio Lower Upper
96 100
61 129.8 105.8 158.8
98 57.5 50.3 75.5

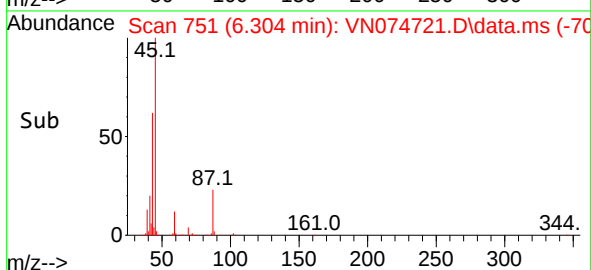
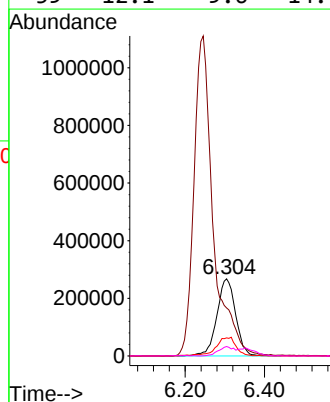
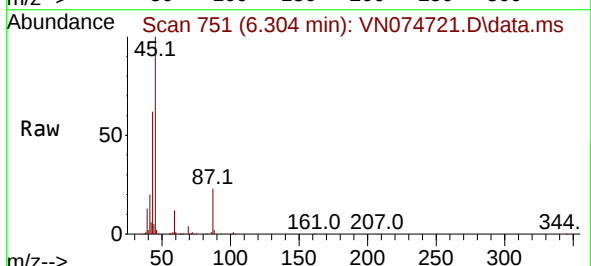
Manual Integrations
APPROVED

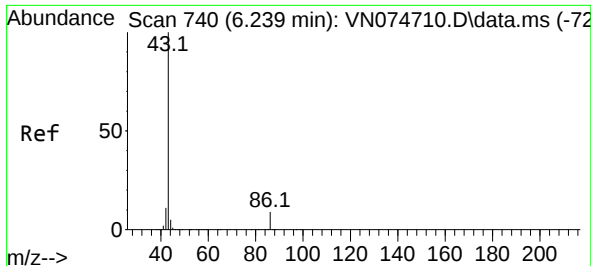
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#22
Diisopropyl ether
Concen: 55.207 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

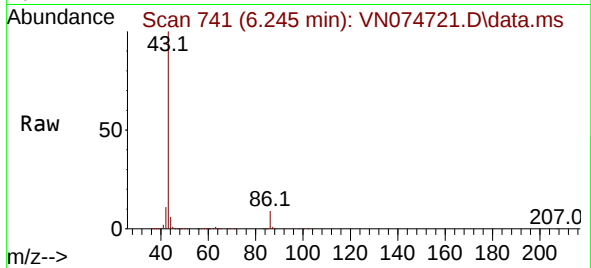
Tgt Ion: 45 Resp: 880098
Ion Ratio Lower Upper
45 100
43 61.1 46.6 70.0
87 23.2 24.3 36.5#
59 12.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 259.383 ug/l
 RT: 6.245 min Scan# 741
 Delta R.T. 0.000 min
 Lab File: VN074721.D
 Acq: 03 Oct 2022 21:28

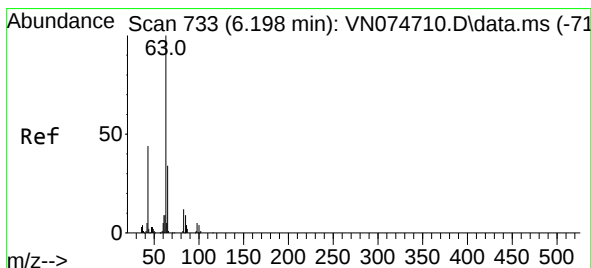
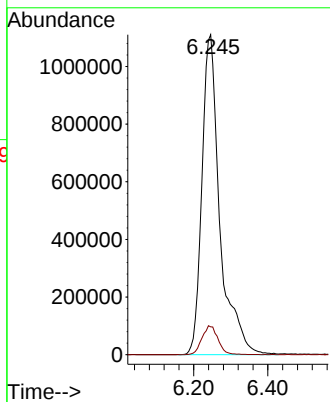
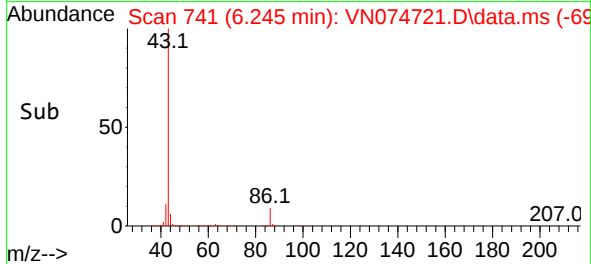
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



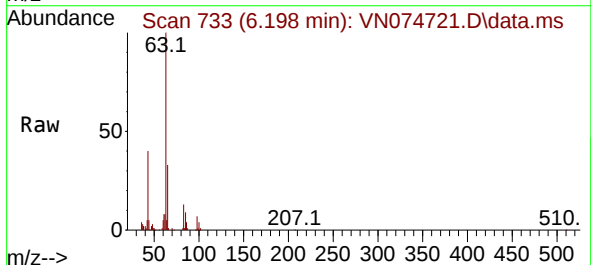
Tgt Ion: 43 Resp: 373283
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.0 15.0

Manual Integrations
 APPROVED

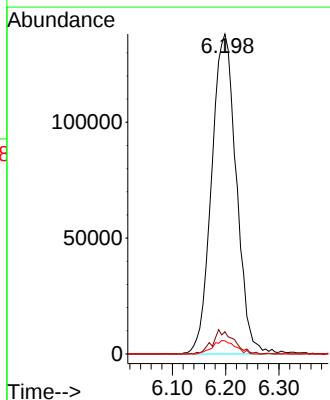
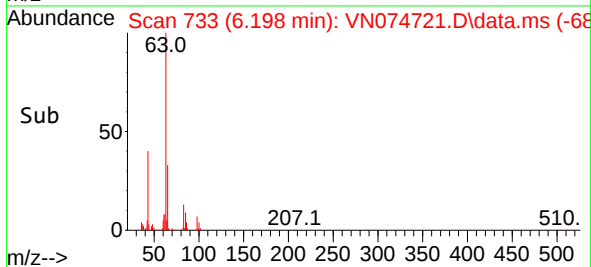
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022

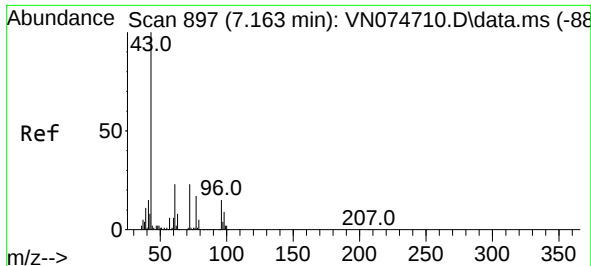


#24
 1,1-Dichloroethane
 Concen: 56.327 ug/l
 RT: 6.198 min Scan# 733
 Delta R.T. 0.000 min
 Lab File: VN074721.D
 Acq: 03 Oct 2022 21:28



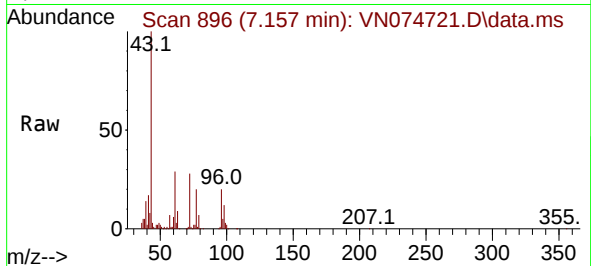
Tgt Ion: 63 Resp: 445188
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.1 2.3 6.8





#25
2-Butanone
Concen: 267.414 ug/l
RT: 7.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

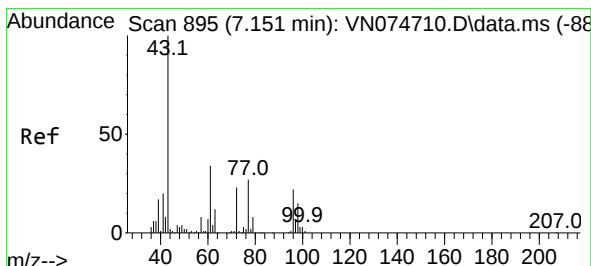
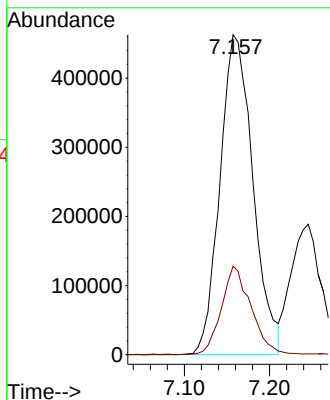
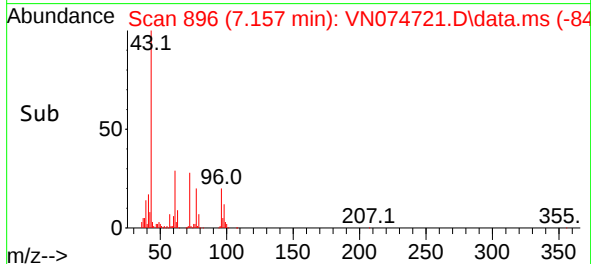
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



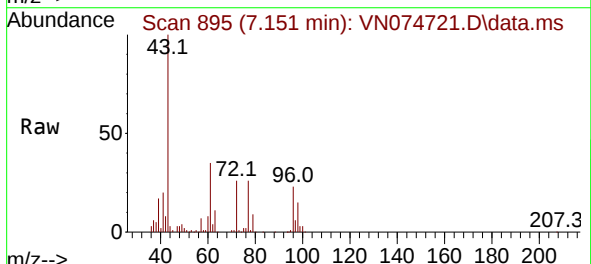
Tgt Ion: 43 Resp: 1245924
Ion Ratio Lower Upper
43 100
72 27.7 23.7 35.5

Manual Integrations
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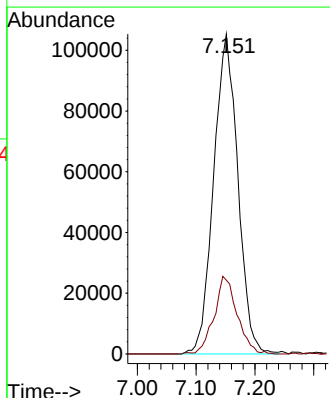
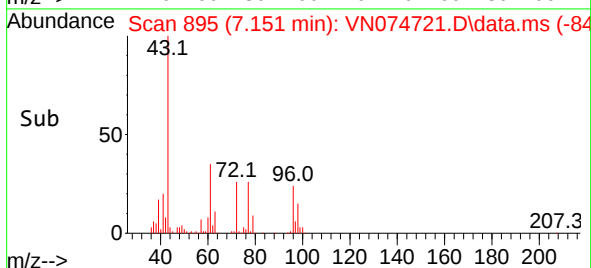
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

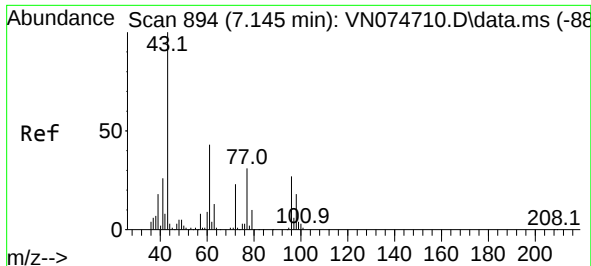


#26
2,2-Dichloropropane
Concen: 50.208 ug/l
RT: 7.151 min Scan# 895
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28



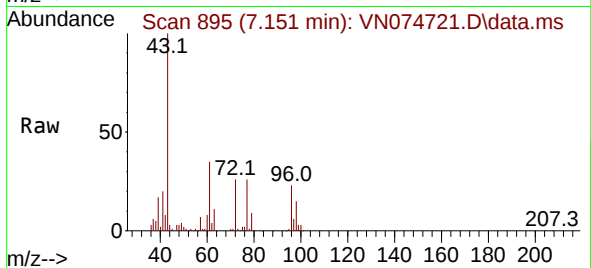
Tgt Ion: 77 Resp: 300631
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 54.486 ug/l
 RT: 7.151 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VN074721.D
 Acq: 03 Oct 2022 21:28

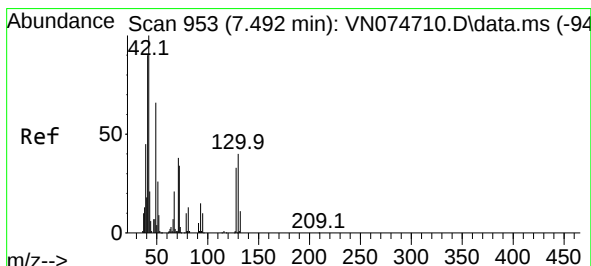
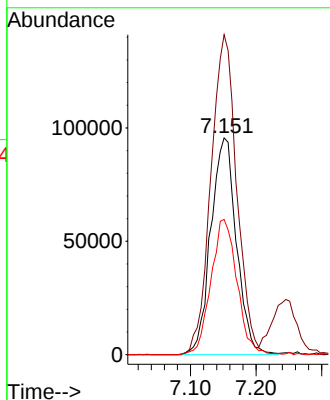
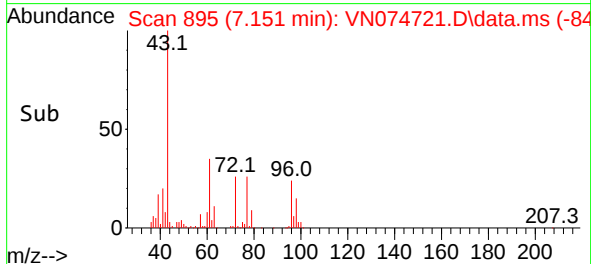
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 25984
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 280.6
 98 63.2 0.0 128.4

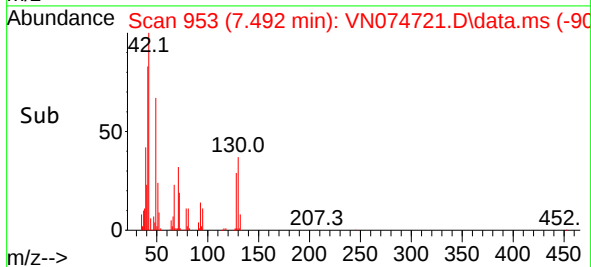
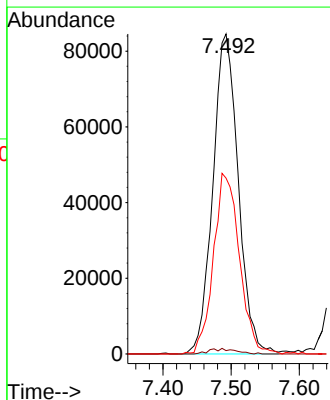
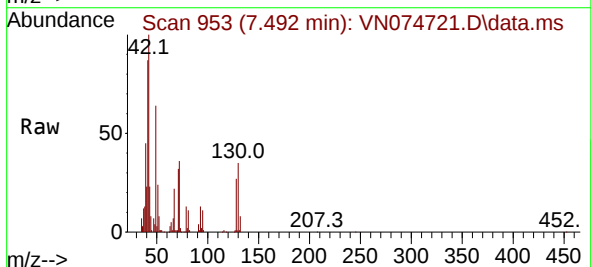
Manual Integrations
 APPROVED

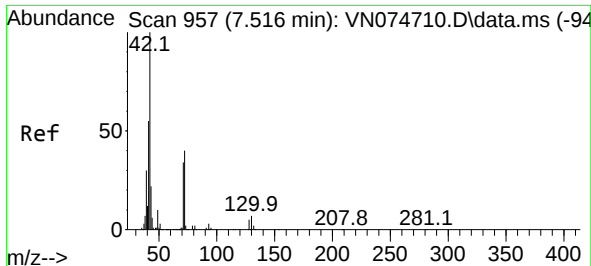
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#28
 Bromochloromethane
 Concen: 57.847 ug/l
 RT: 7.492 min Scan# 953
 Delta R.T. 0.000 min
 Lab File: VN074721.D
 Acq: 03 Oct 2022 21:28

Tgt Ion: 49 Resp: 219149
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.6
 130 57.7 69.7 104.5#





#29

Tetrahydrofuran

Concen: 284.461 ug/l

RT: 7.516 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074721.D

Acq: 03 Oct 2022 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 87323

Ion Ratio Lower Upper

42 100

72 39.9 39.7 59.5

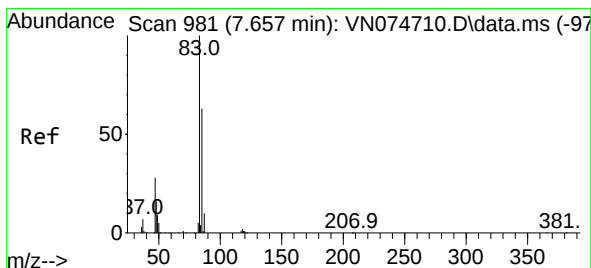
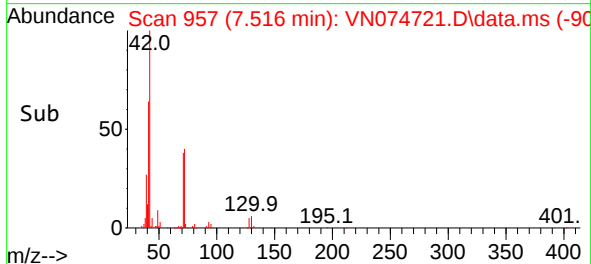
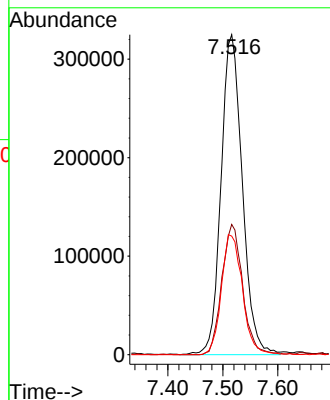
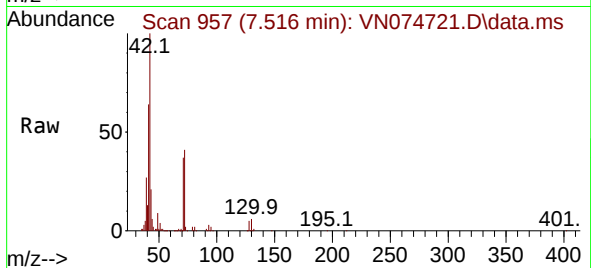
71 37.2 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#30

Chloroform

Concen: 58.237 ug/l

RT: 7.657 min Scan# 981

Delta R.T. 0.000 min

Lab File: VN074721.D

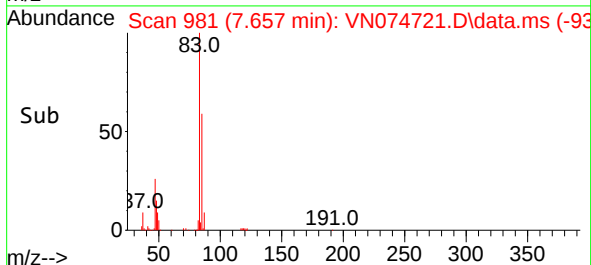
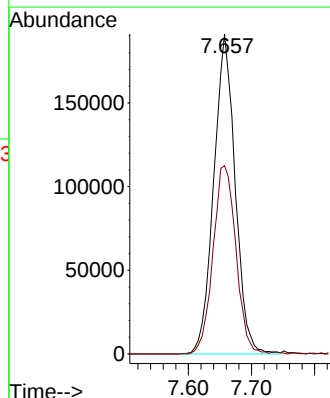
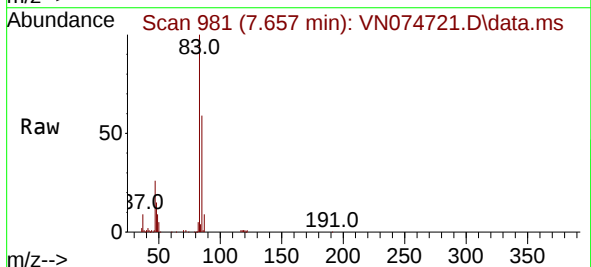
Acq: 03 Oct 2022 21:28

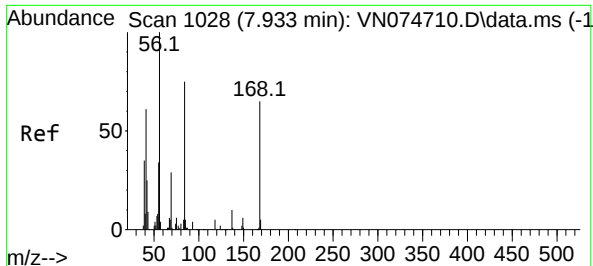
Tgt Ion: 83 Resp: 450068

Ion Ratio Lower Upper

83 100

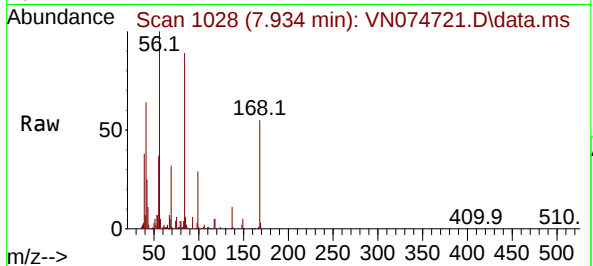
85 58.9 51.8 77.8





#31
Cyclohexane
Concen: 52.814 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.001 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

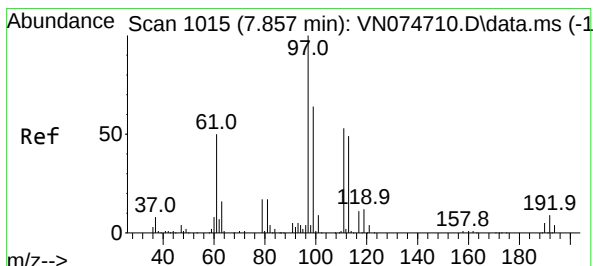
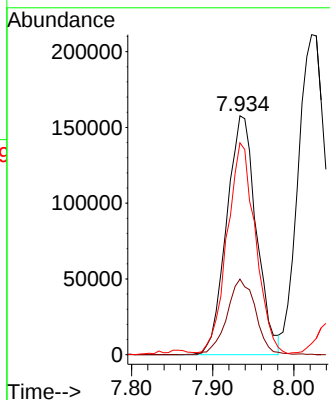
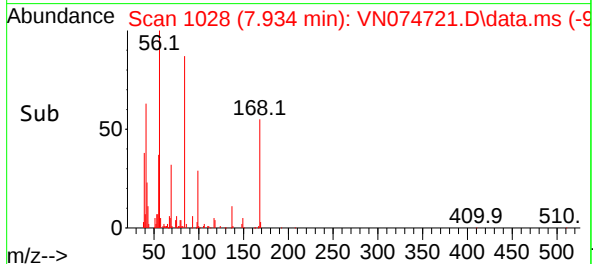
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



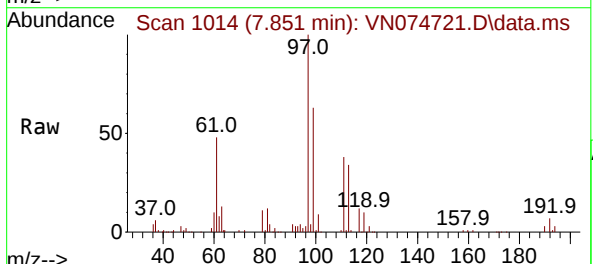
Tgt Ion: 56 Resp: 40151
Ion Ratio Lower Upper
56 100
69 31.7 27.8 41.8
84 86.8 76.9 115.3

Manual Integrations
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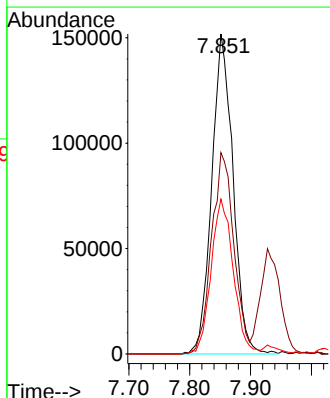
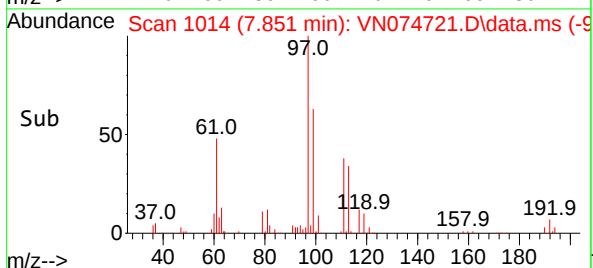
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

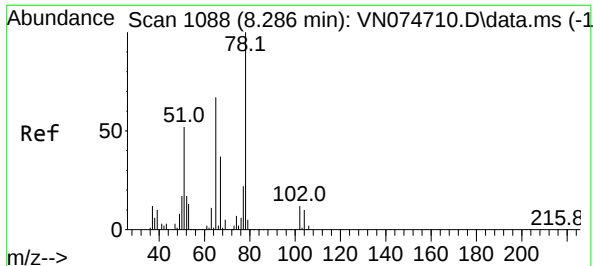


#32
1,1,1-Trichloroethane
Concen: 55.298 ug/l
RT: 7.851 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28



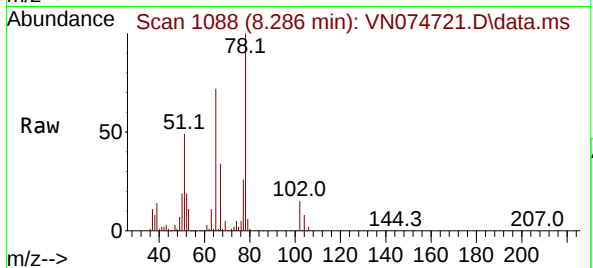
Tgt Ion: 97 Resp: 367646
Ion Ratio Lower Upper
97 100
99 66.1 50.6 76.0
61 50.6 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 55.272 ug/l
RT: 8.286 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

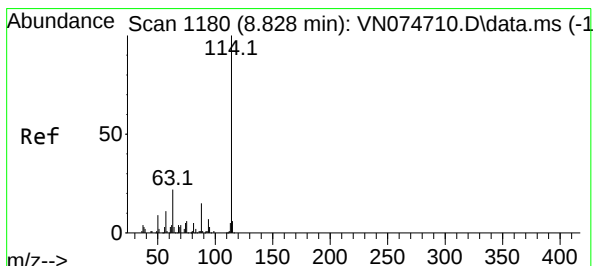
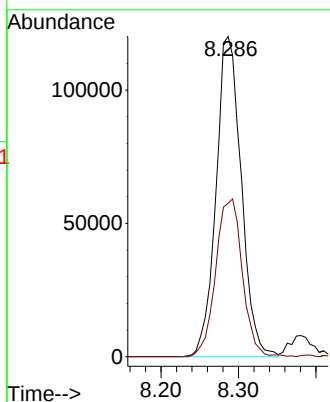
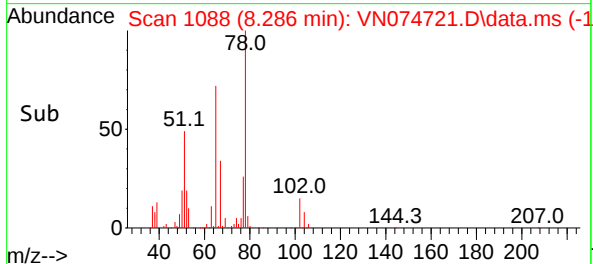
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 27193
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

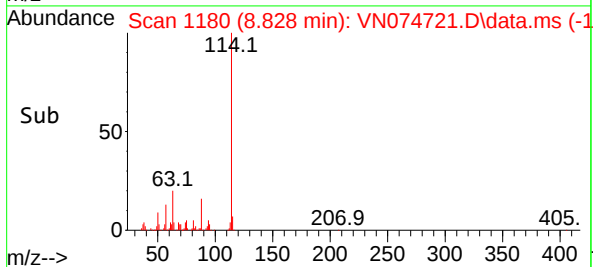
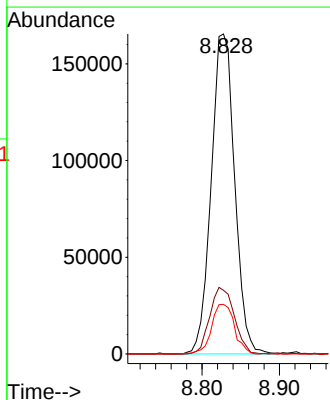
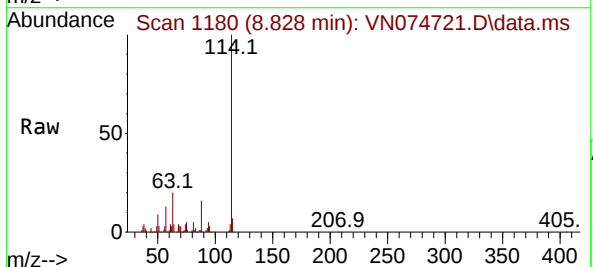
Manual Integrations
APPROVED

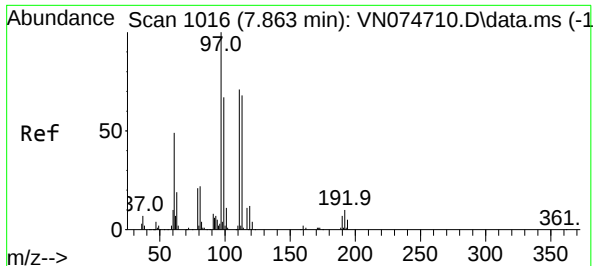
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.828 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

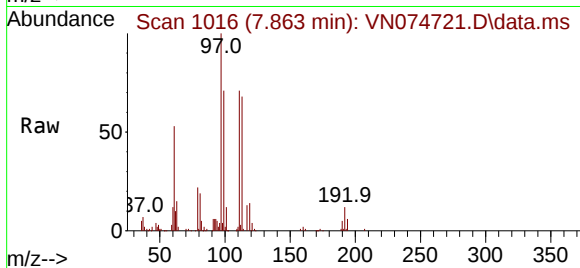
Tgt Ion:114 Resp: 348058
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 15.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.157 ug/l
RT: 7.863 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

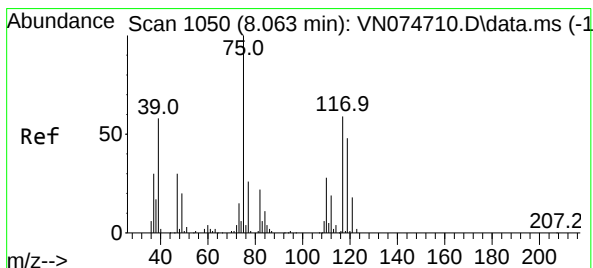
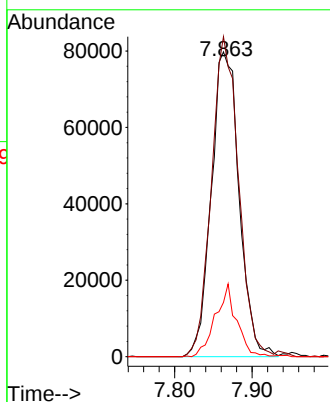
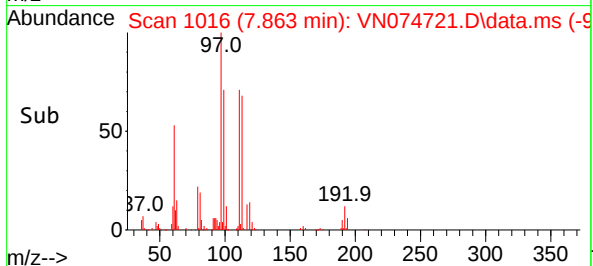
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



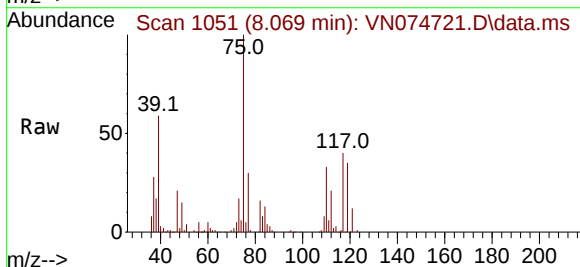
Tgt Ion:113 Resp: 198900
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 18.1 17.0 25.6

Manual Integrations
APPROVED

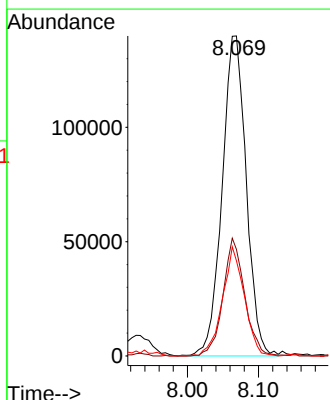
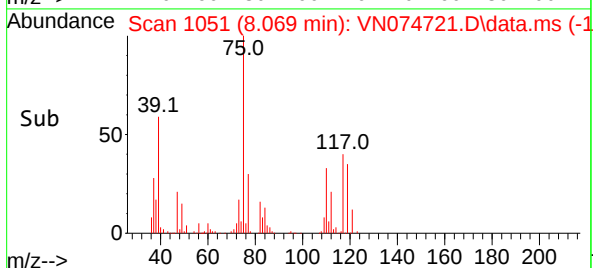
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

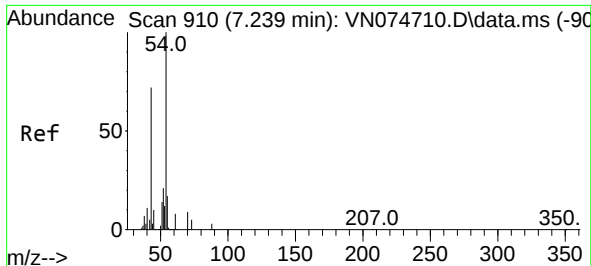


#36
1,1-Dichloropropene
Concen: 54.215 ug/l
RT: 8.069 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28



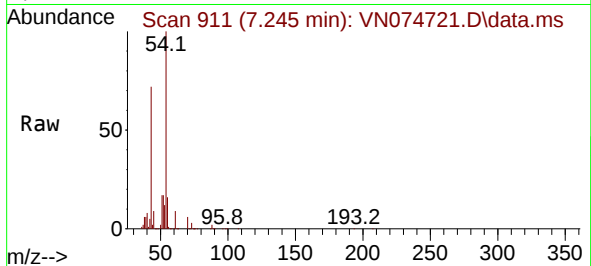
Tgt Ion: 75 Resp: 330381
Ion Ratio Lower Upper
75 100
110 33.1 18.3 54.8
77 30.9 25.1 37.7





#37
Ethyl Acetate
Concen: 55.192 ug/l
RT: 7.245 min Scan# 910
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

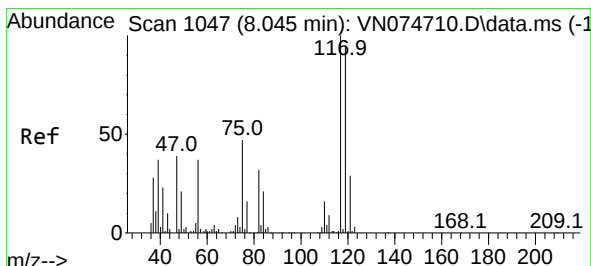
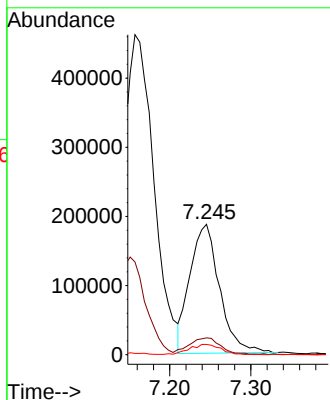
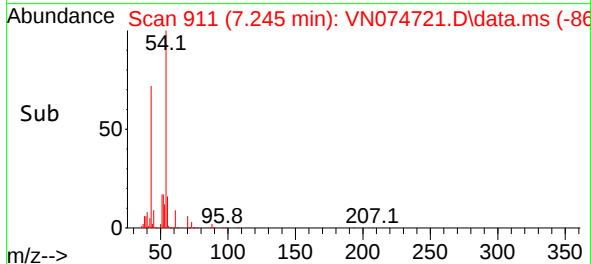
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 472300
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 8.6 9.3 13.9

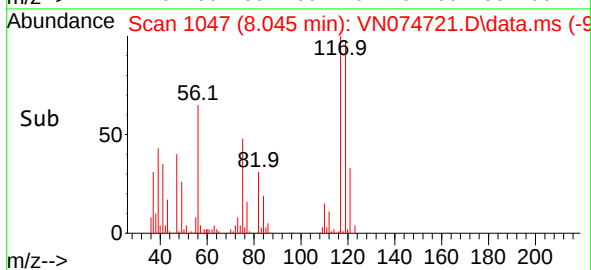
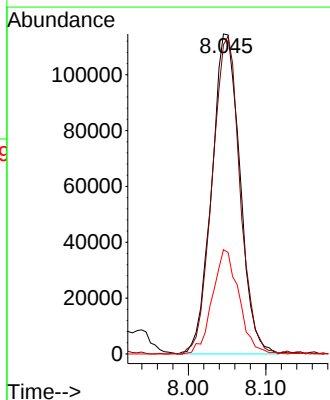
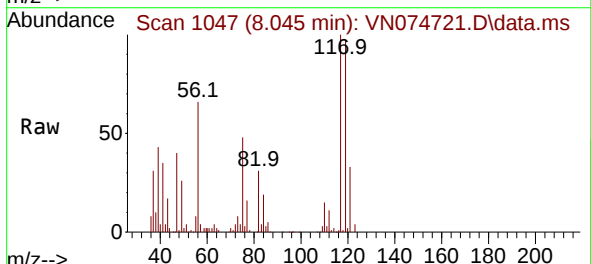
Manual Integrations
APPROVED

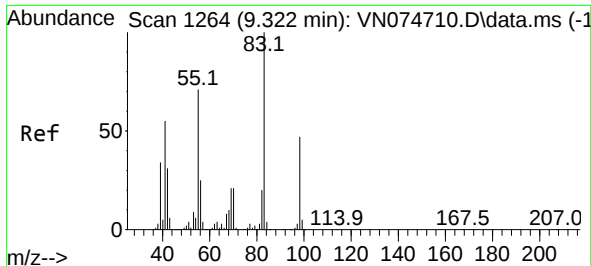
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#38
Carbon Tetrachloride
Concen: 53.853 ug/l
RT: 8.045 min Scan# 1047
Delta R.T. -0.012 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

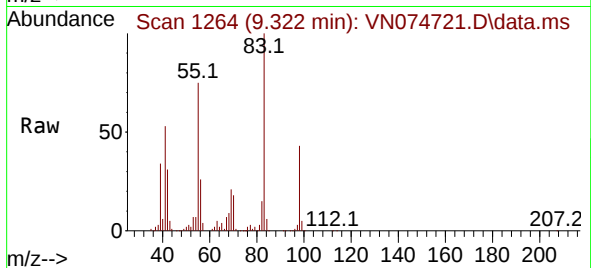
Tgt Ion:117 Resp: 290209
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8
121 32.6 24.6 37.0





#39
Methylcyclohexane
Concen: 56.405 ug/l
RT: 9.322 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

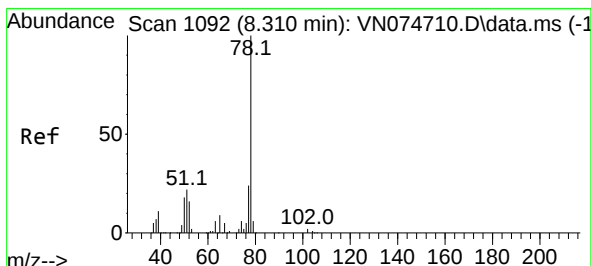
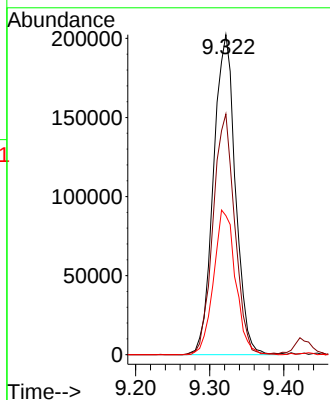
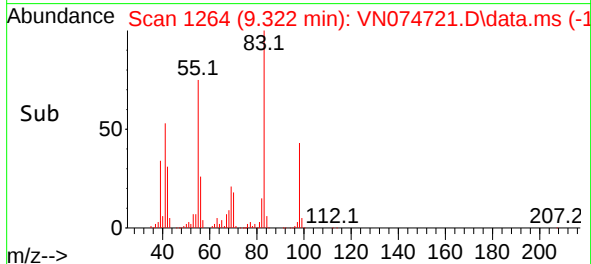
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 416369
Ion Ratio Lower Upper
83 100
55 75.2 57.8 86.8
98 43.5 39.4 59.2

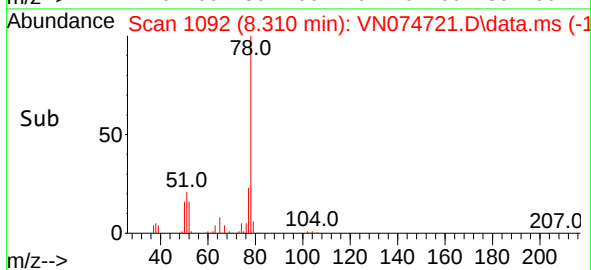
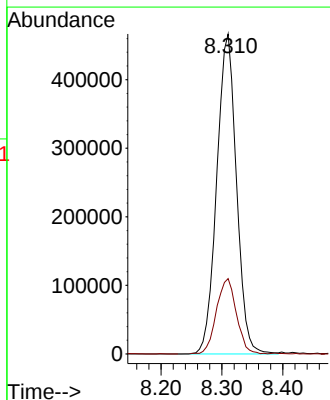
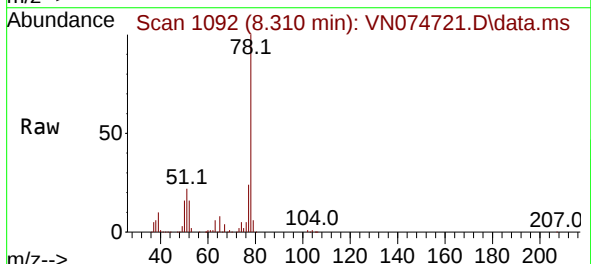
Manual Integrations
APPROVED

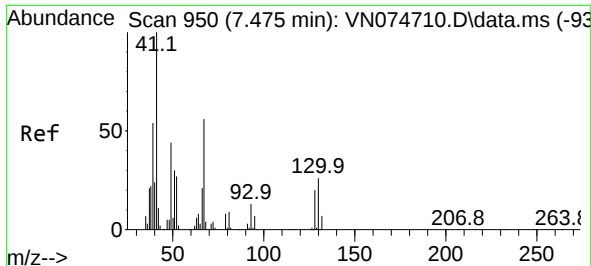
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#40
Benzene
Concen: 56.481 ug/l
RT: 8.310 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

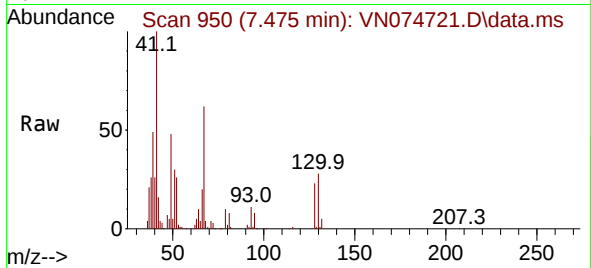
Tgt Ion: 78 Resp: 1049376
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#41
Methacrylonitrile
Concen: 49.182 ug/l m
RT: 7.475 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

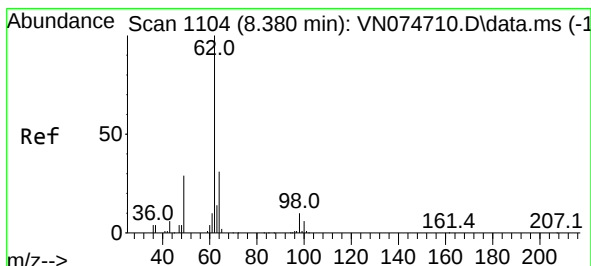
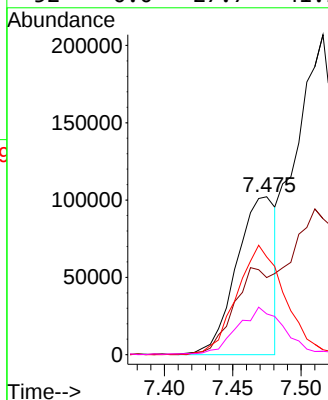
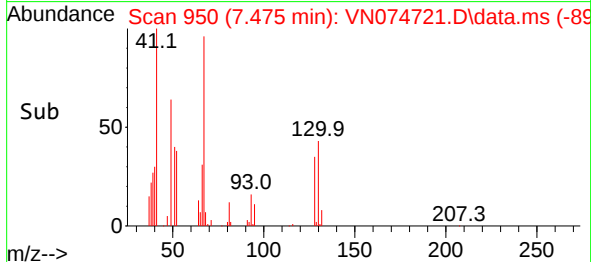
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



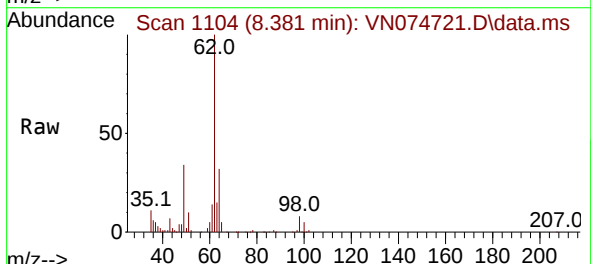
Tgt Ion: 41 Resp: 20438
Ion Ratio Lower Upper
41 100
39 132.2 48.6 73.0
67 0.0 73.4 110.2
52 0.0 27.7 41.5

Manual Integrations
APPROVED

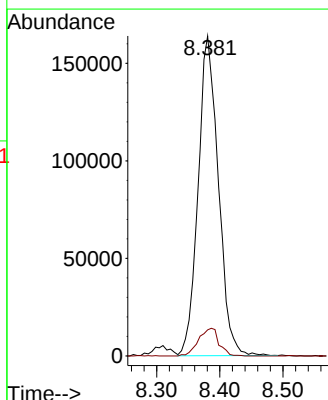
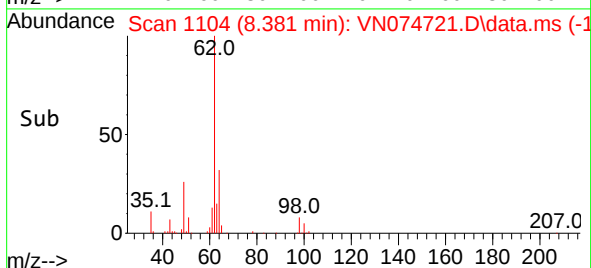
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

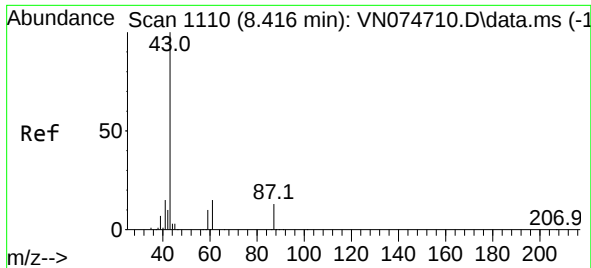


#42
1,2-Dichloroethane
Concen: 57.383 ug/l
RT: 8.381 min Scan# 1104
Delta R.T. 0.001 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28



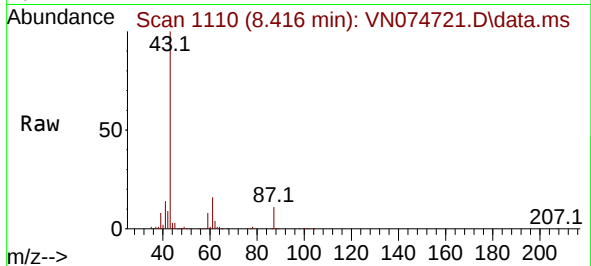
Tgt Ion: 62 Resp: 364902
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.4





#43
Isopropyl Acetate
Concen: 58.623 ug/l
RT: 8.416 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

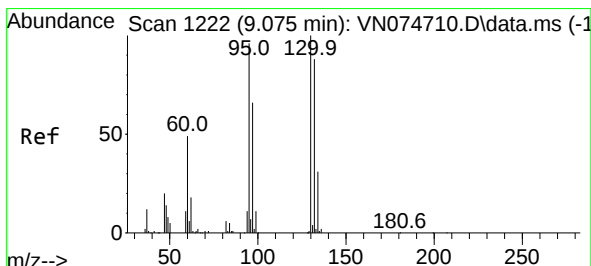
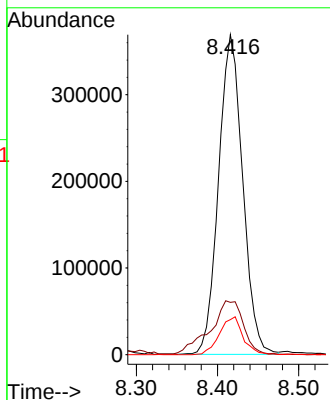
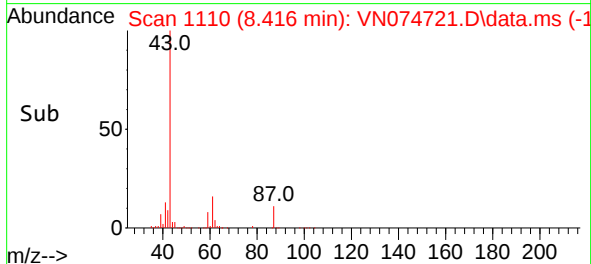
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 762280
Ion Ratio Lower Upper
43 100
61 23.6 21.9 32.9
87 11.5 12.0 18.0

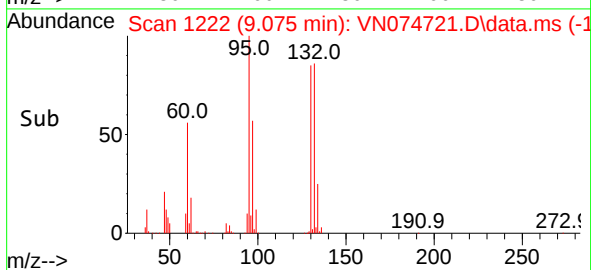
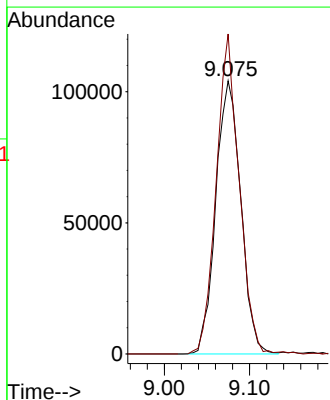
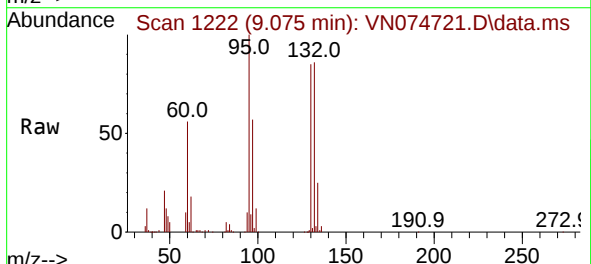
Manual Integrations
APPROVED

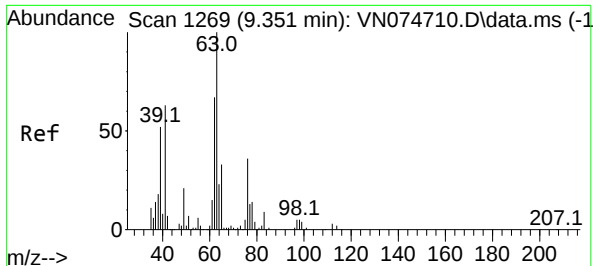
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#44
Trichloroethene
Concen: 51.732 ug/l
RT: 9.075 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

Tgt Ion:130 Resp: 212205
Ion Ratio Lower Upper
130 100
95 117.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 56.077 ug/l

RT: 9.351 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VN074721.D

Acq: 03 Oct 2022 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 276372

Ion Ratio Lower Upper

63 100

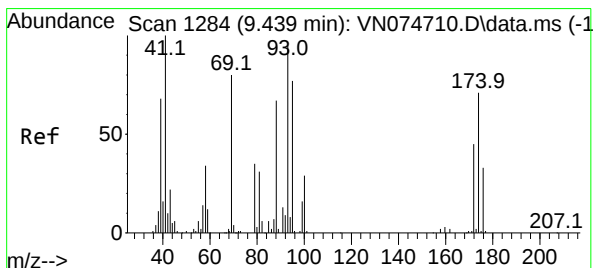
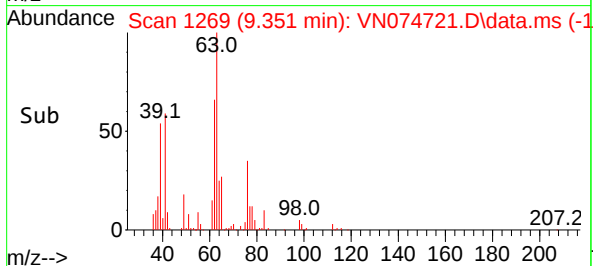
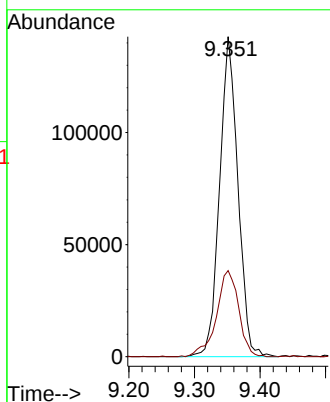
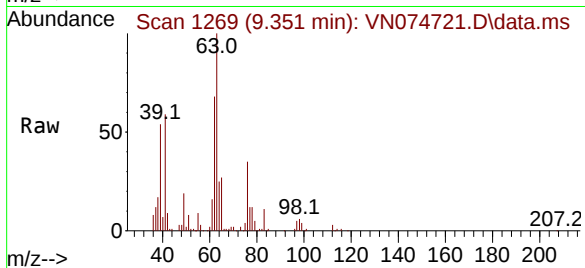
65 26.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#46

Dibromomethane

Concen: 51.923 ug/l

RT: 9.439 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VN074721.D

Acq: 03 Oct 2022 21:28

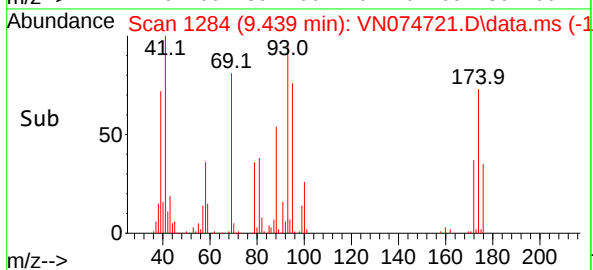
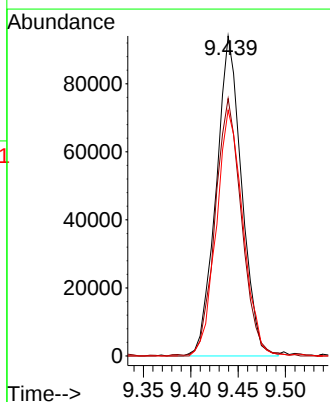
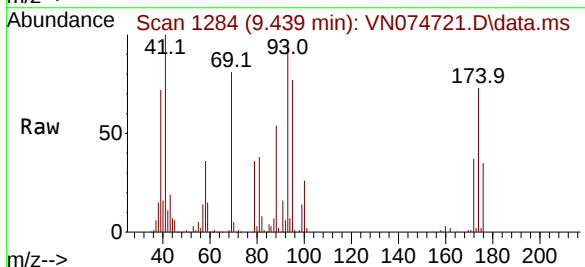
Tgt Ion: 93 Resp: 176631

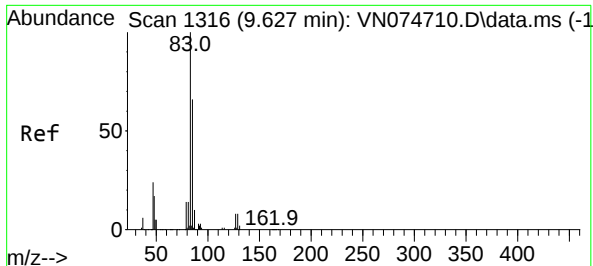
Ion Ratio Lower Upper

93 100

95 83.1 66.9 100.3

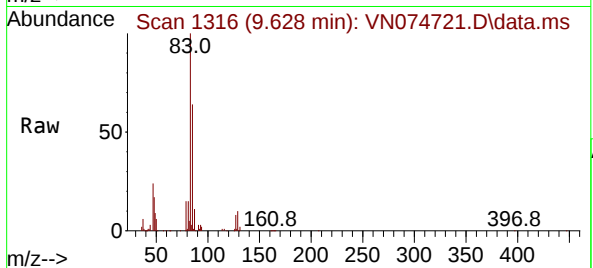
174 79.9 86.6 130.0#





#47
Bromodichloromethane
Concen: 56.029 ug/l
RT: 9.628 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

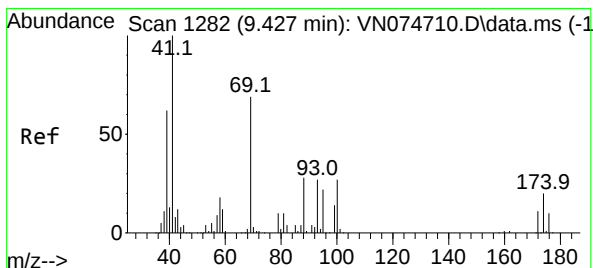
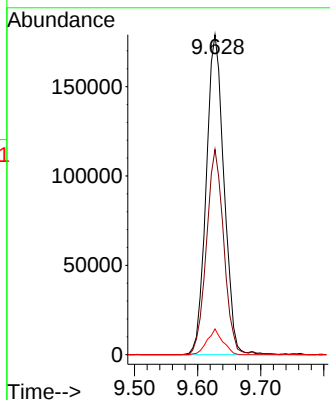
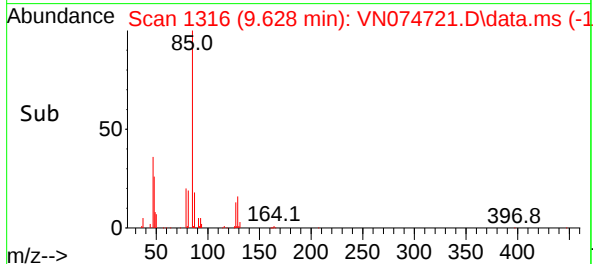
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



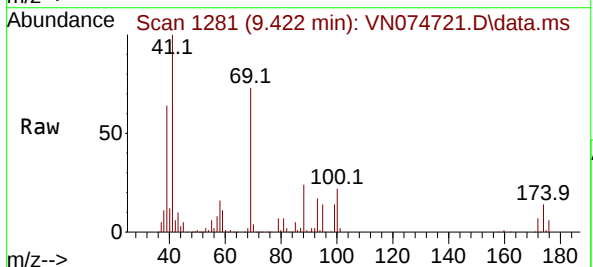
Tgt Ion: 83 Resp: 350208
Ion Ratio Lower Upper
83 100
85 64.1 50.5 75.7
127 8.0 6.8 10.2

Manual Integrations
APPROVED

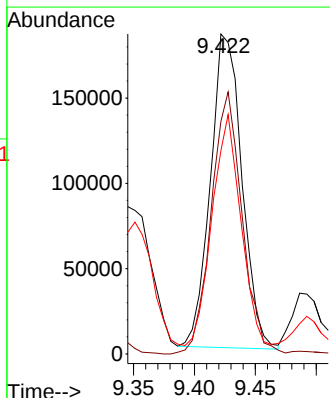
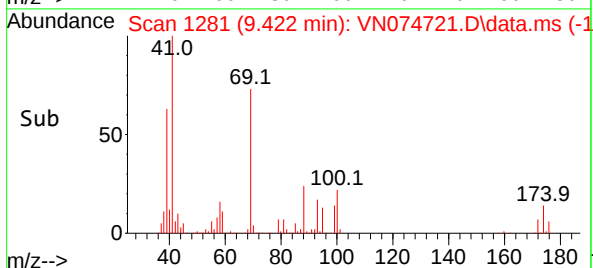
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

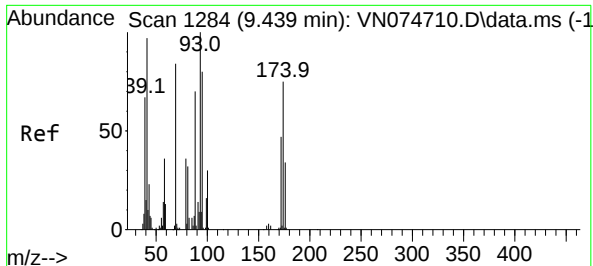


#48
Methyl methacrylate
Concen: 55.409 ug/l
RT: 9.422 min Scan# 1281
Delta R.T. -0.005 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28



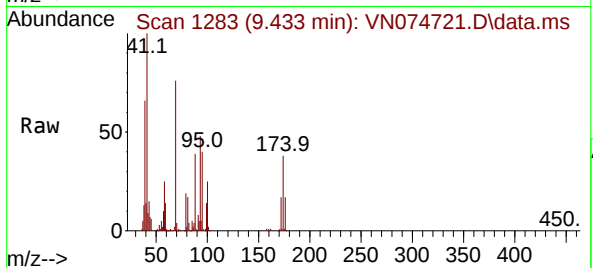
Tgt Ion: 41 Resp: 330095
Ion Ratio Lower Upper
41 100
69 81.6 74.7 112.1
39 68.0 45.6 68.4





#49
1,4-Dioxane
Concen: 1133.678 ug/l
RT: 9.433 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

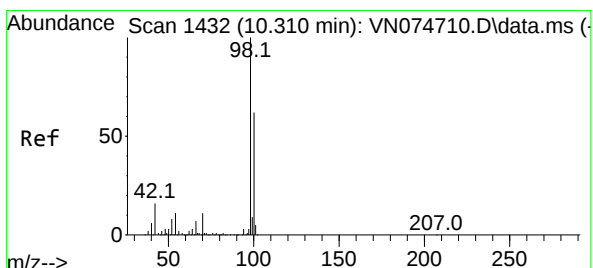
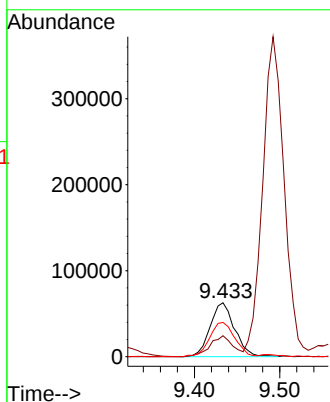
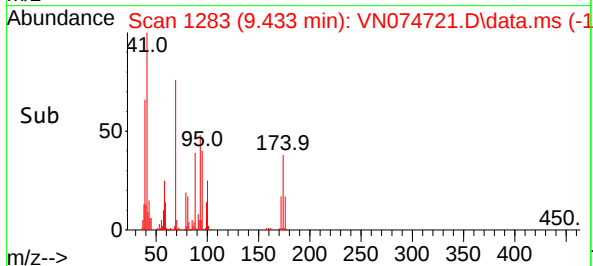
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 124907
Ion Ratio Lower Upper
88 100
43 36.3 20.2 30.4
58 65.6 54.2 81.4

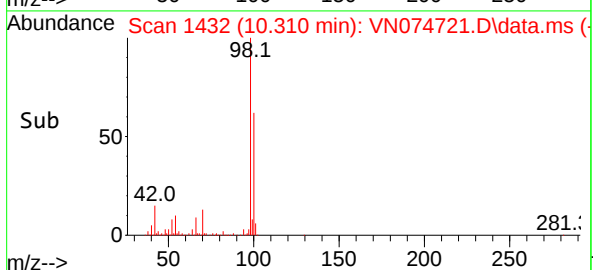
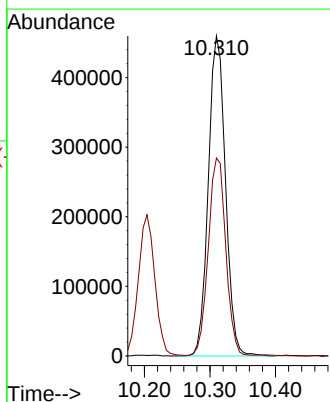
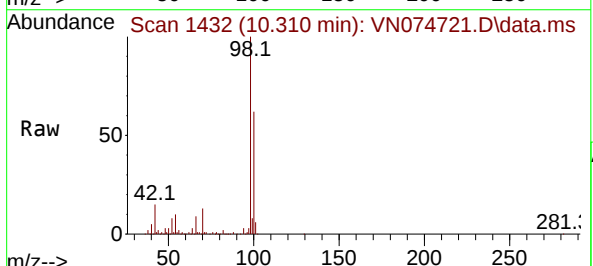
Manual Integrations
APPROVED

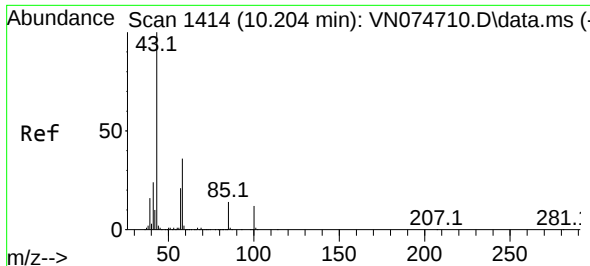
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#50
Toluene-d8
Concen: 54.323 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

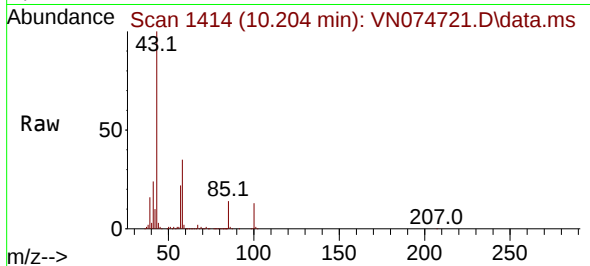
Tgt Ion: 98 Resp: 835478
Ion Ratio Lower Upper
98 100
100 62.9 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 290.636 ug/l
RT: 10.204 min Scan# 1414
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

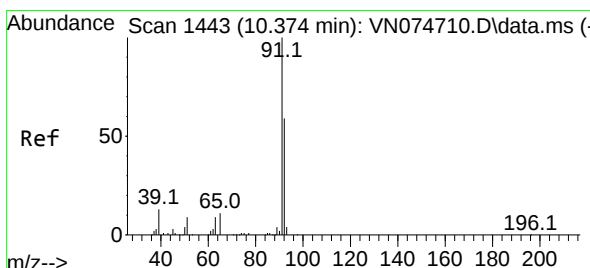
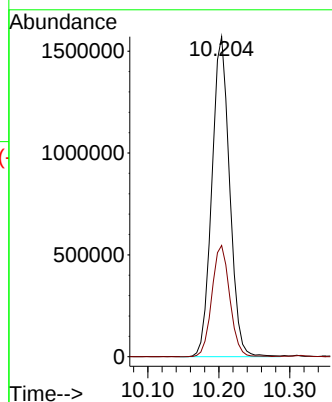
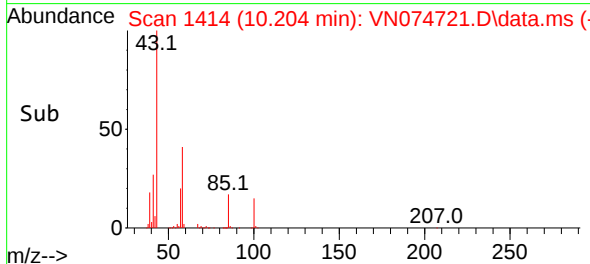
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



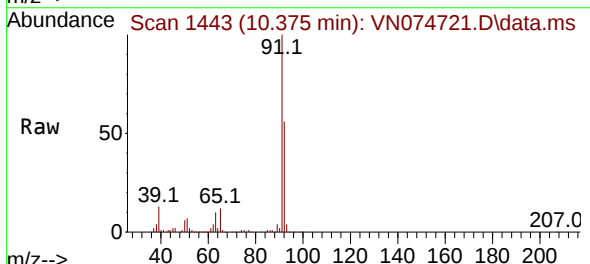
Tgt Ion: 43 Resp: 272275
Ion Ratio Lower Upper
43 100
58 35.1 34.1 51.1

Manual Integrations
APPROVED

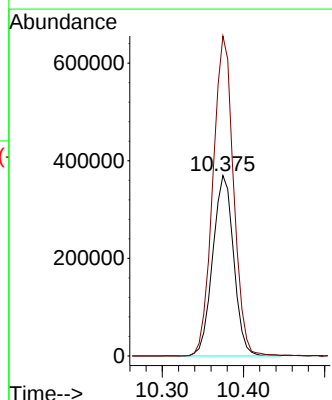
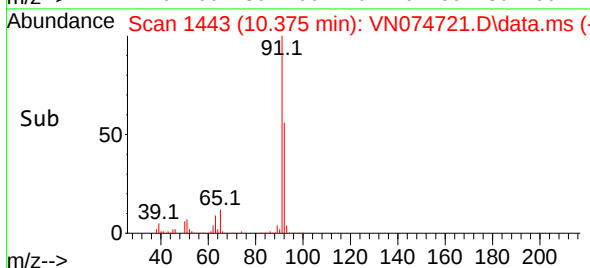
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

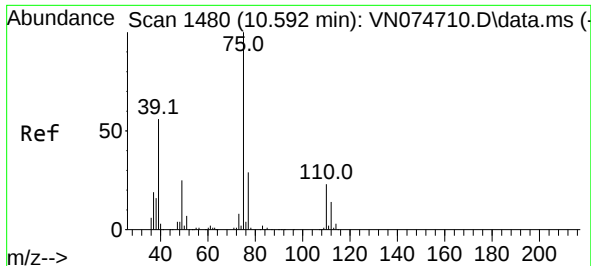


#52
Toluene
Concen: 58.629 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.001 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28



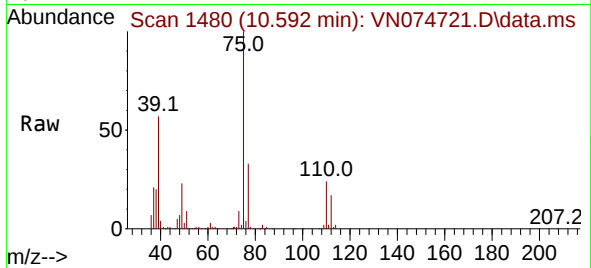
Tgt Ion: 92 Resp: 662721
Ion Ratio Lower Upper
92 100
91 175.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 60.641 ug/l
RT: 10.592 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

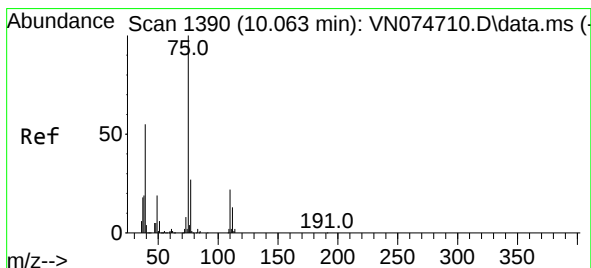
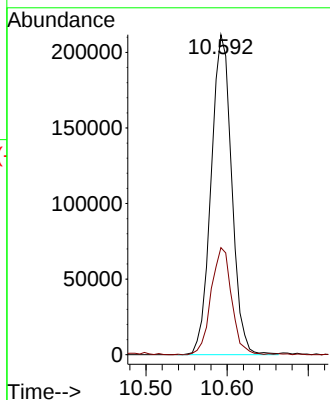
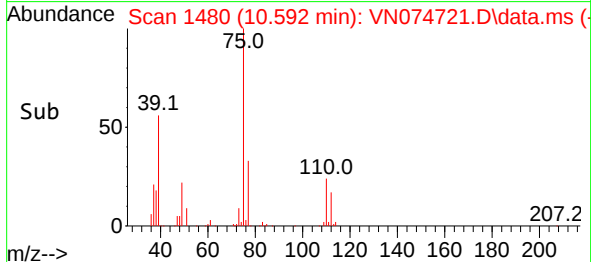
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 373560
Ion Ratio Lower Upper
75 100
77 33.3 25.6 38.4

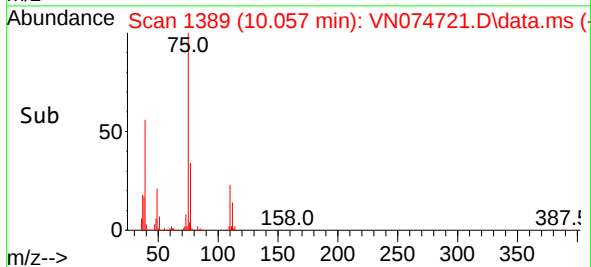
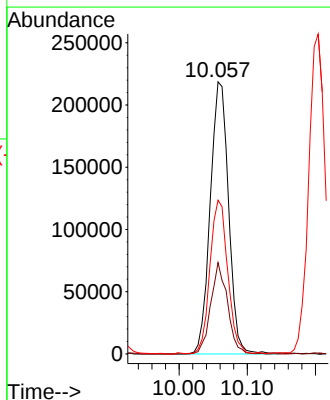
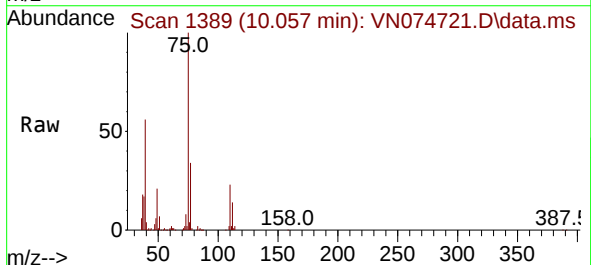
Manual Integrations
APPROVED

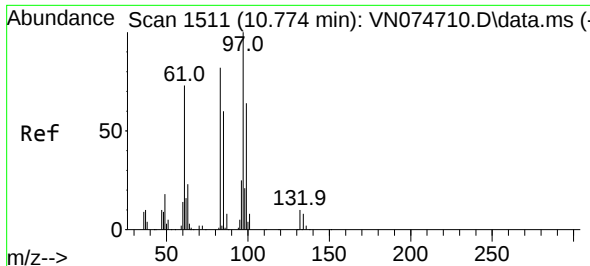
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#54
cis-1,3-Dichloropropene
Concen: 59.478 ug/l
RT: 10.057 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

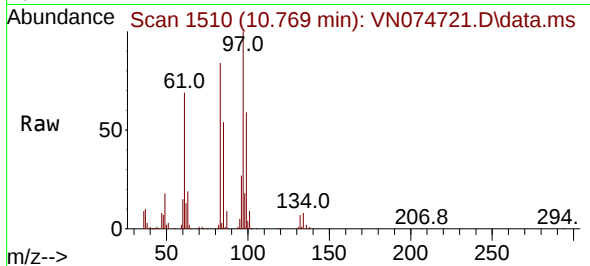
Tgt Ion: 75 Resp: 409833
Ion Ratio Lower Upper
75 100
77 33.6 25.2 37.8
39 56.0 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 57.264 ug/l
RT: 10.769 min Scan# 1511
Delta R.T. -0.005 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

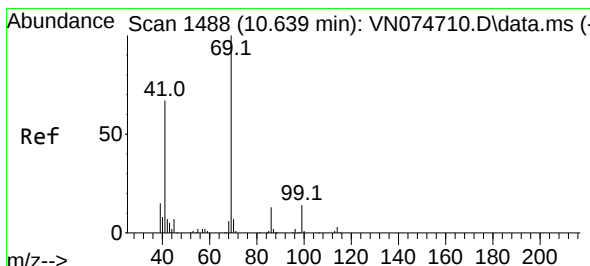
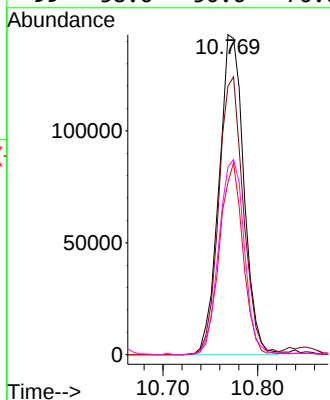
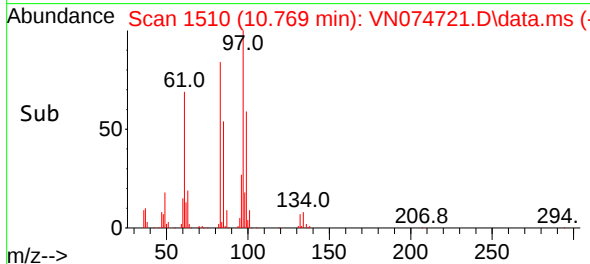


Tgt Ion: 97 Resp: 260392

Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.2	99.4
85	53.9	43.9	65.9
99	58.6	50.6	76.0

Manual Integrations
APPROVED

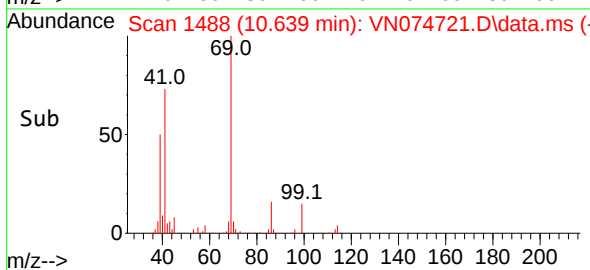
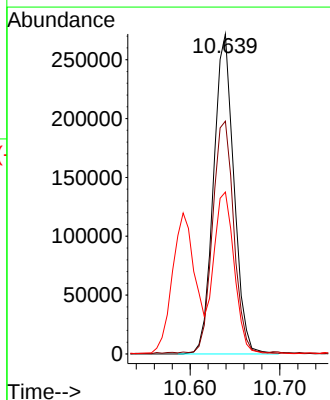
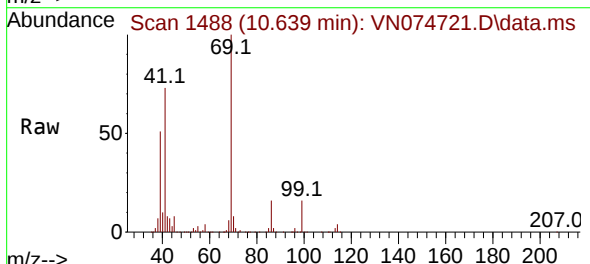
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

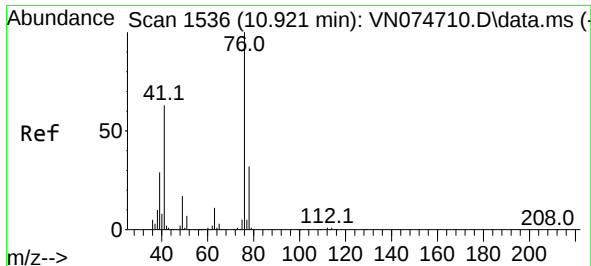


#56
Ethyl methacrylate
Concen: 59.851 ug/l
RT: 10.639 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

Tgt Ion: 69 Resp: 428397

Ion	Ratio	Lower	Upper
69	100		
41	75.1	47.8	71.6#
39	50.9	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 55.094 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. -0.000 min

Lab File: VN074721.D

Acq: 03 Oct 2022 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 450090

Ion Ratio Lower Upper

76 100

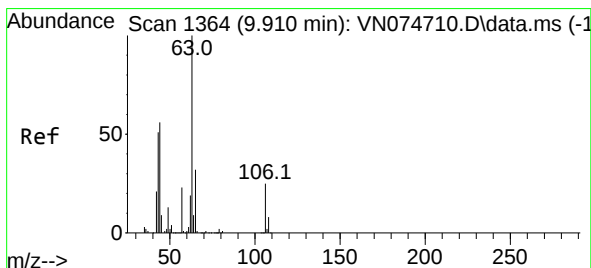
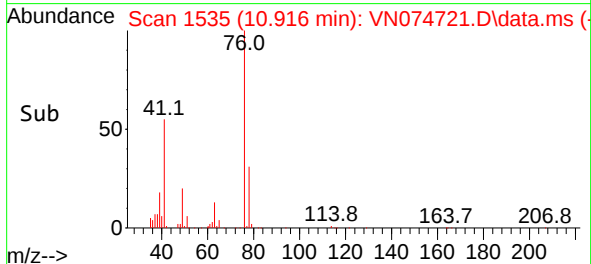
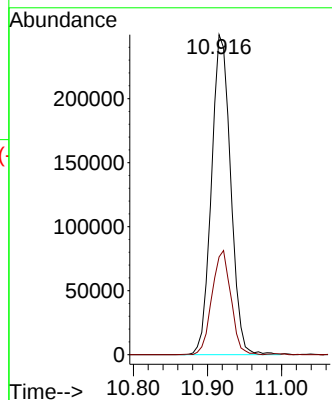
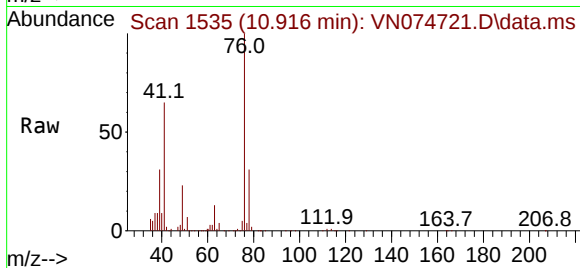
78 32.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 288.647 ug/l

RT: 9.910 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VN074721.D

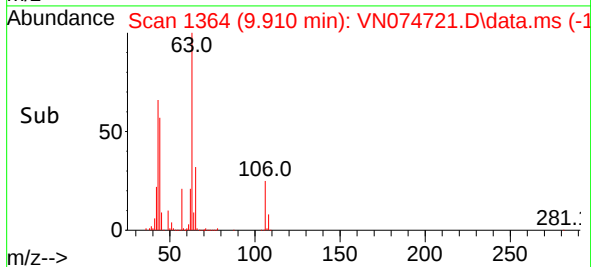
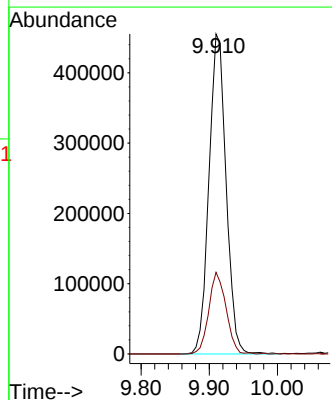
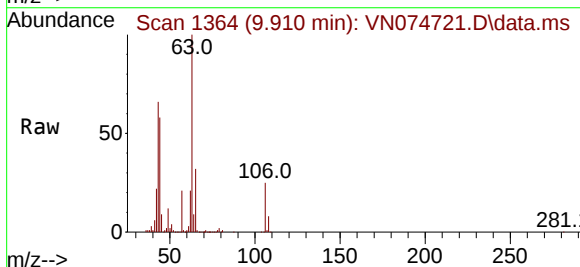
Acq: 03 Oct 2022 21:28

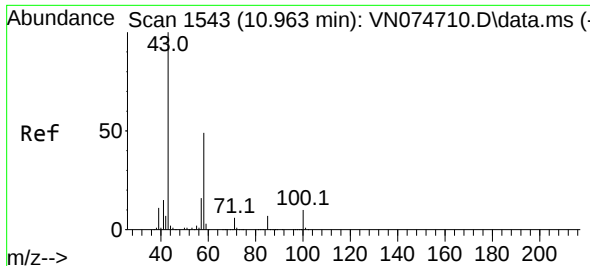
Tgt Ion: 63 Resp: 796760

Ion Ratio Lower Upper

63 100

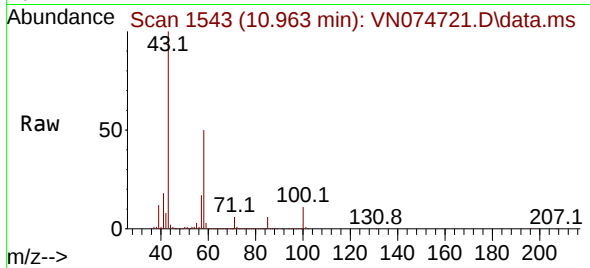
106 25.7 24.6 36.8





#59
2-Hexanone
Concen: 295.329 ug/l
RT: 10.963 min Scan# 1543
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

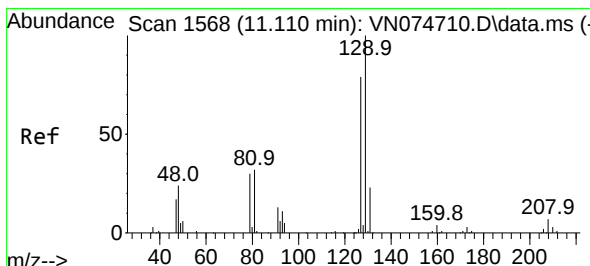
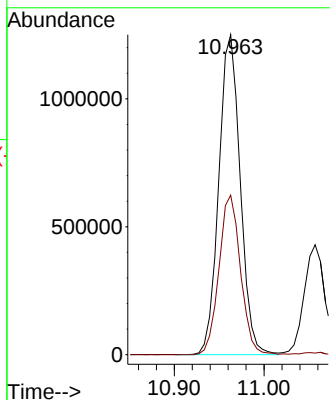
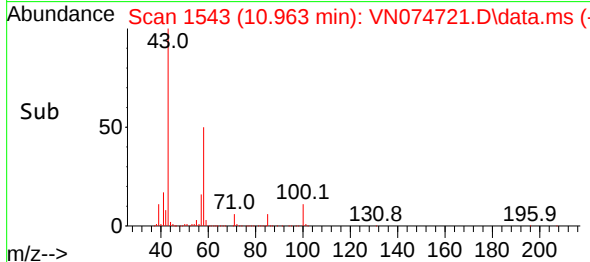
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2073030
Ion Ratio Lower Upper
43 100
58 50.2 29.7 89.1

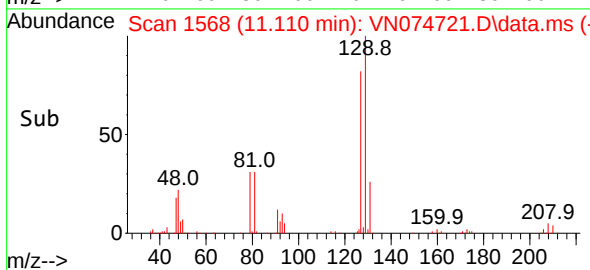
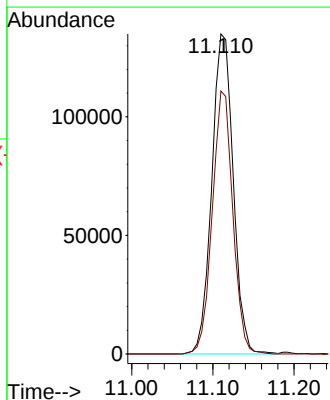
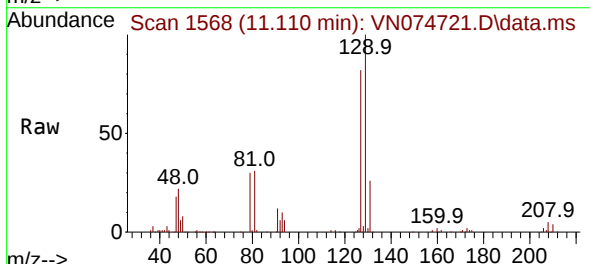
Manual Integrations
APPROVED

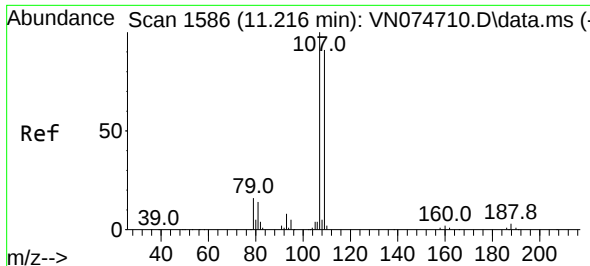
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#60
Dibromochloromethane
Concen: 59.616 ug/l
RT: 11.110 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

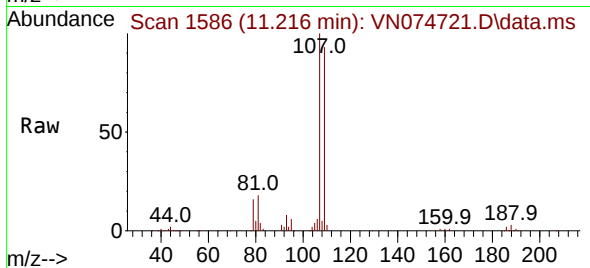
Tgt Ion:129 Resp: 247966
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 57.525 ug/l
RT: 11.216 min Scan# 1586
Delta R.T. -0.005 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

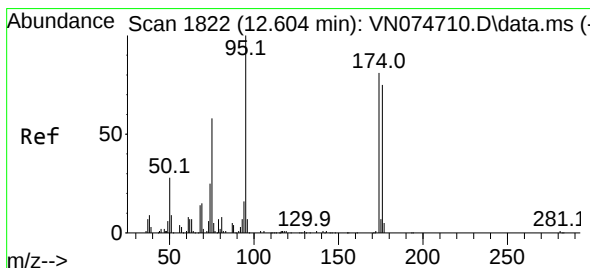
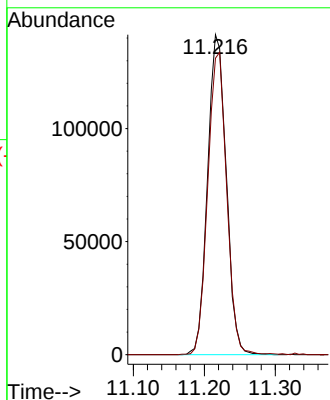
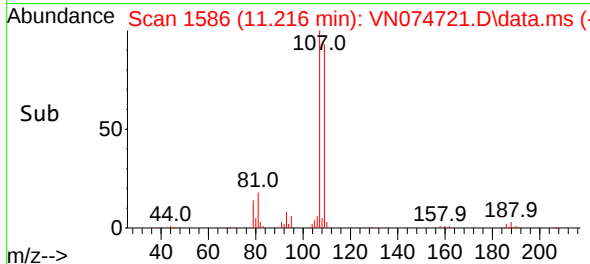
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



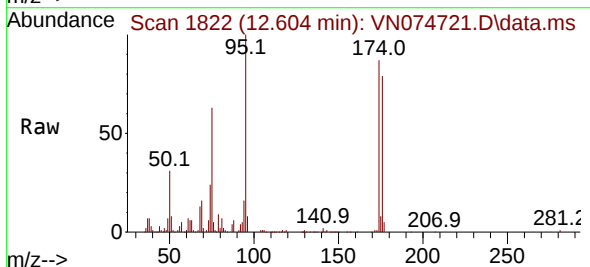
Tgt Ion:107 Resp: 25862
Ion Ratio Lower Upper
107 100
109 95.4 75.0 112.6

Manual Integrations
APPROVED

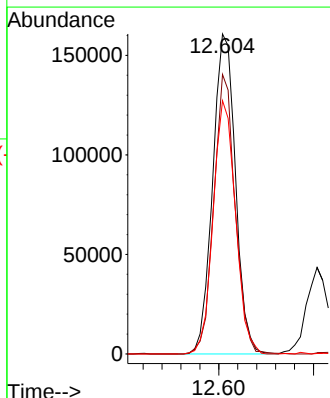
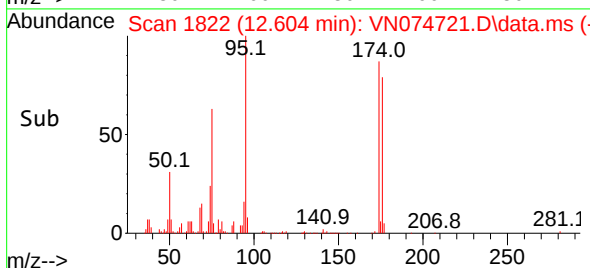
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

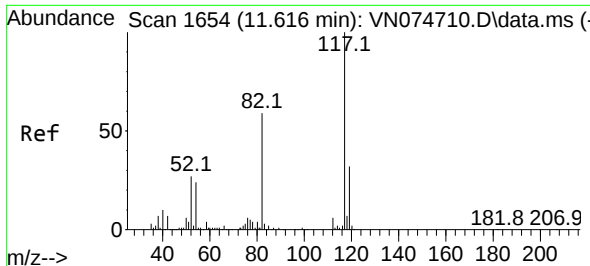


#62
4-Bromofluorobenzene
Concen: 51.029 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28



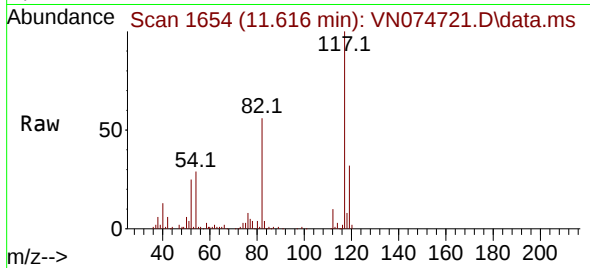
Tgt Ion: 95 Resp: 268536
Ion Ratio Lower Upper
95 100
174 81.9 0.0 167.6
176 77.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

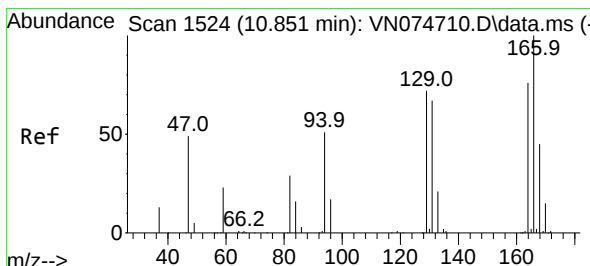
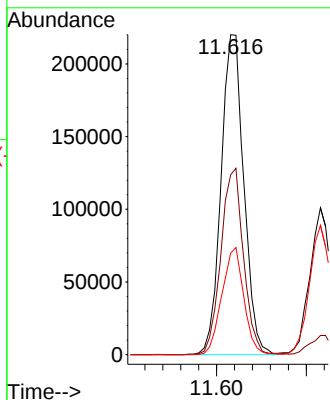
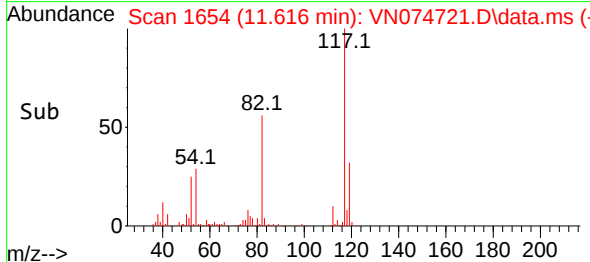
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



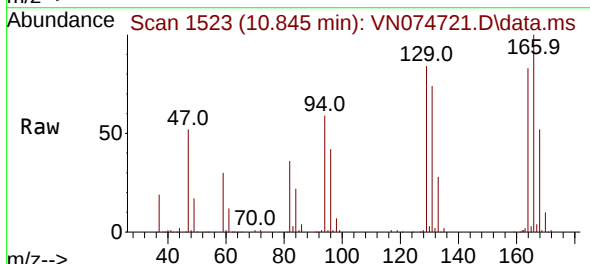
Tgt Ion:117 Resp: 387834
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 31.8 25.4 38.0

Manual Integrations
APPROVED

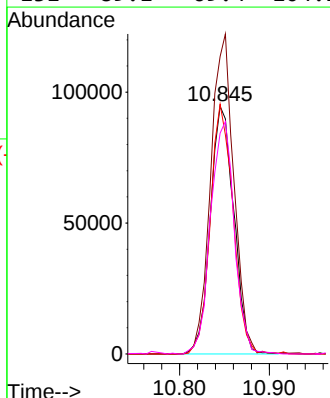
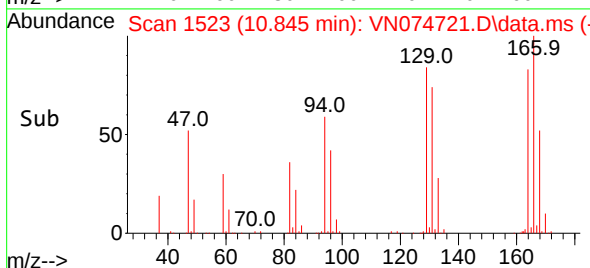
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

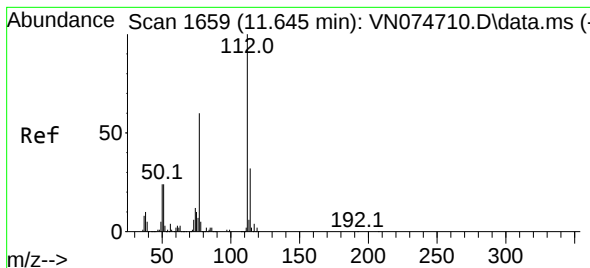


#64
Tetrachloroethene
Concen: 54.644 ug/l
RT: 10.845 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28



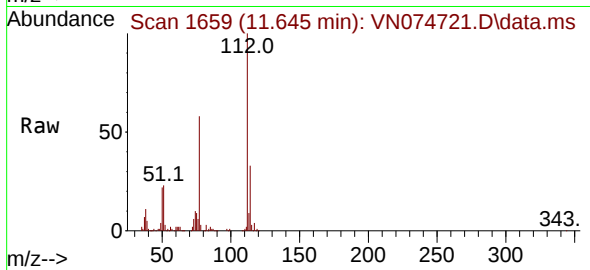
Tgt Ion:164 Resp: 172897
Ion Ratio Lower Upper
164 100
166 120.1 104.2 156.2
129 100.8 73.9 110.9
131 89.1 69.4 104.2





#65
Chlorobenzene
Concen: 56.313 ug/l
RT: 11.645 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

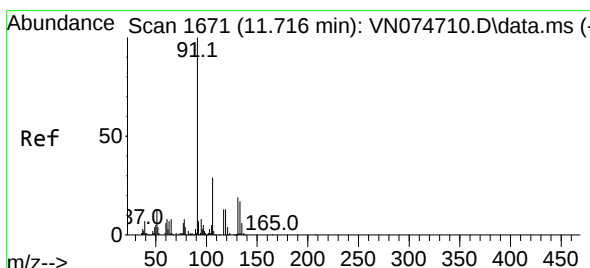
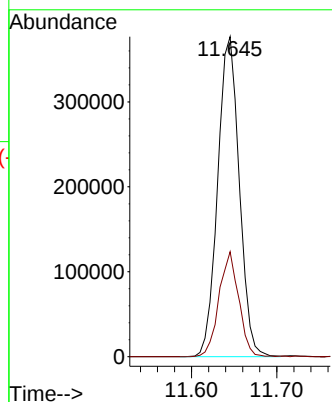
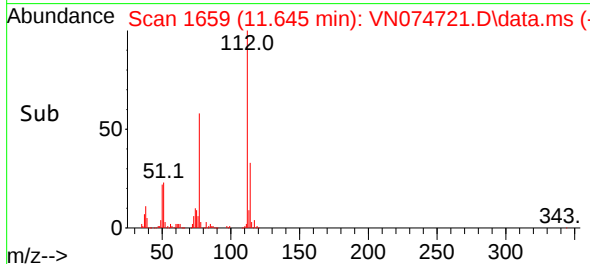
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 663129
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2

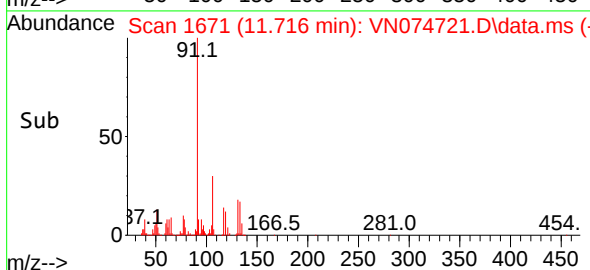
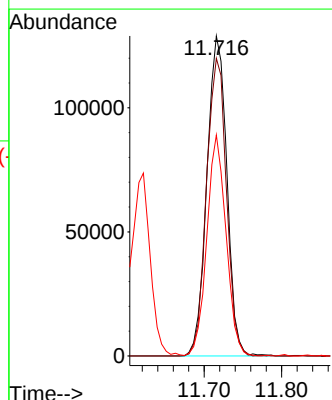
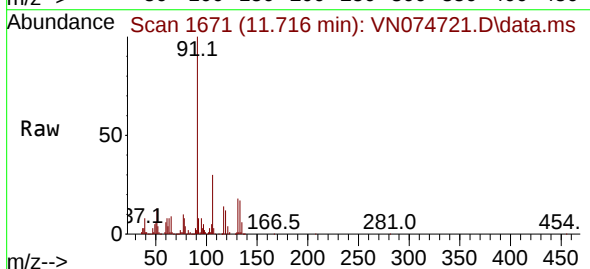
Manual Integrations
APPROVED

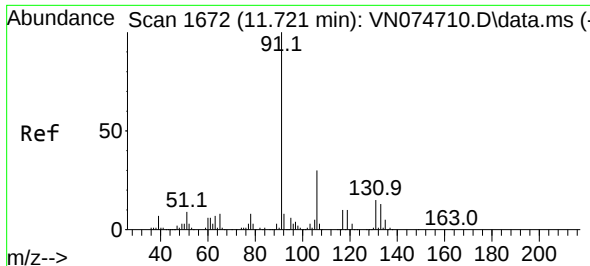
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 59.282 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

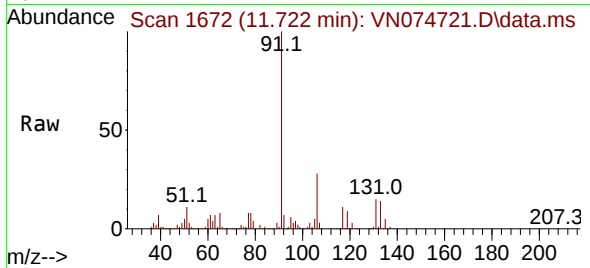
Tgt Ion:131 Resp: 230320
Ion Ratio Lower Upper
131 100
133 93.2 47.8 143.4
119 66.5 33.4 100.2





#67
Ethyl Benzene
Concen: 57.871 ug/l
RT: 11.722 min Scan# 1672
Delta R.T. 0.001 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

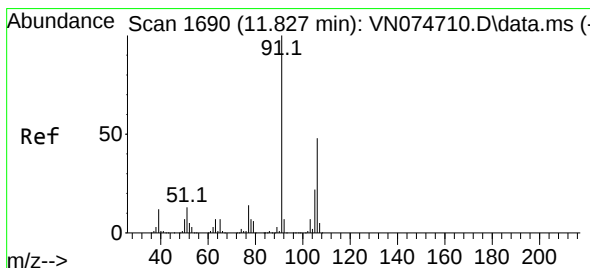
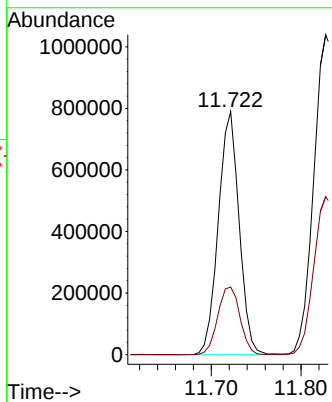
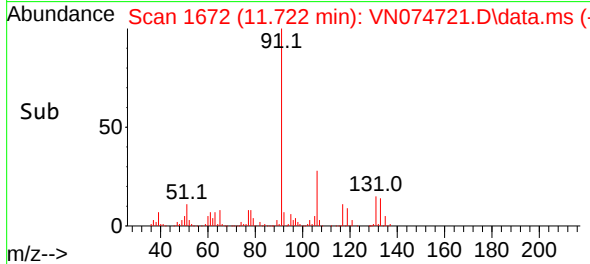
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1269998
Ion Ratio Lower Upper
91 100
106 27.8 24.9 37.3

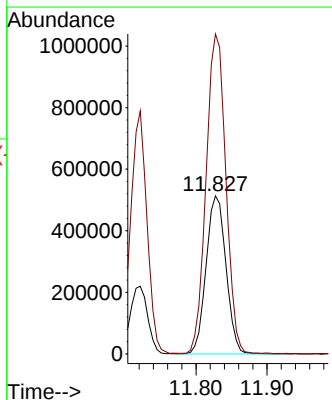
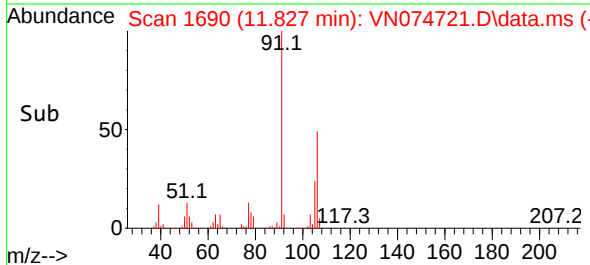
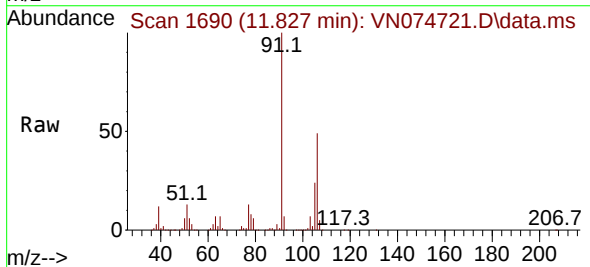
Manual Integrations
APPROVED

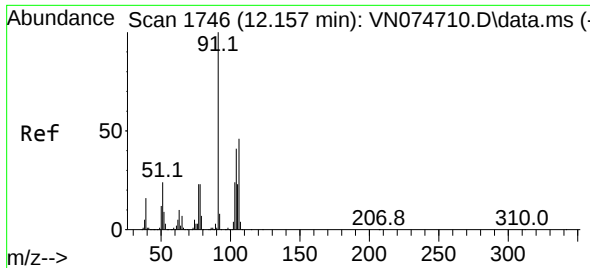
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#68
m/p-Xylenes
Concen: 121.716 ug/l
RT: 11.827 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

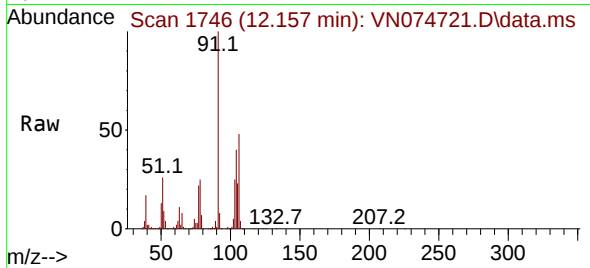
Tgt Ion:106 Resp: 995470
Ion Ratio Lower Upper
106 100
91 201.6 158.9 238.3





#69
o-Xylene
Concen: 59.923 ug/l
RT: 12.157 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

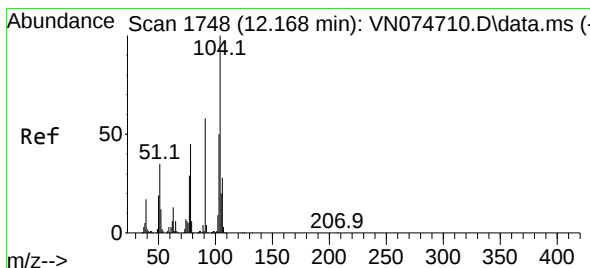
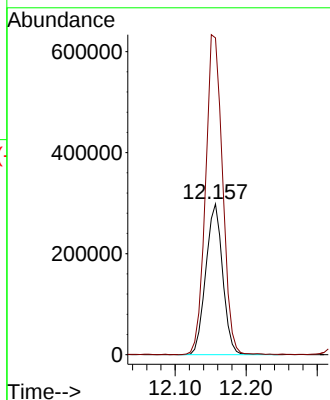
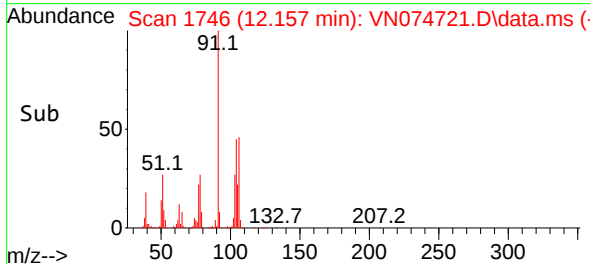
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 491879
Ion Ratio Lower Upper
106 100
91 214.4 106.0 318.0

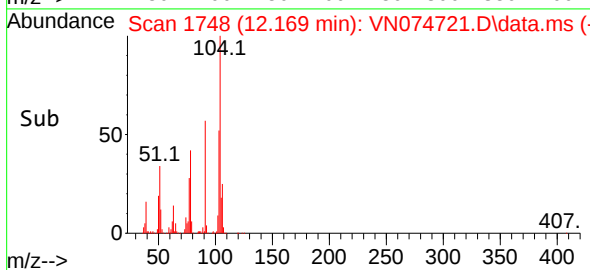
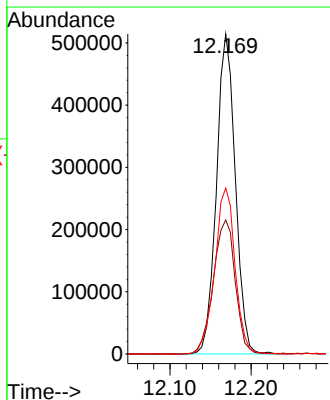
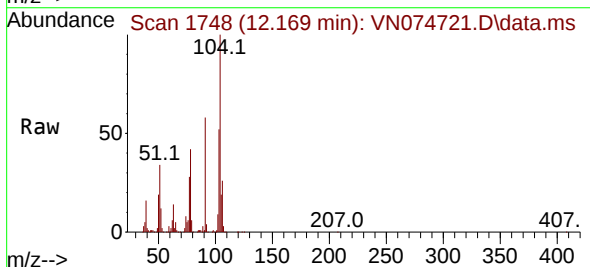
Manual Integrations
APPROVED

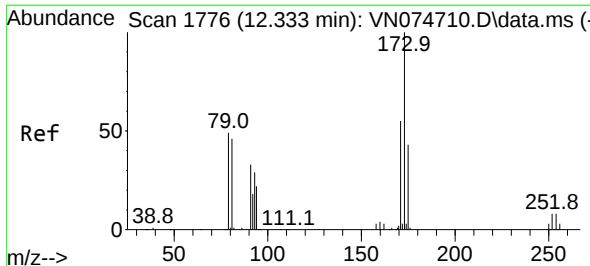
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#70
Styrene
Concen: 52.664 ug/l
RT: 12.169 min Scan# 1748
Delta R.T. 0.001 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

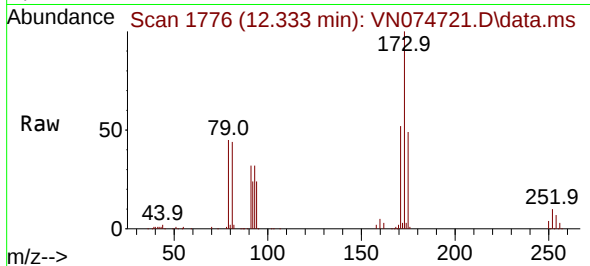
Tgt Ion:104 Resp: 831891
Ion Ratio Lower Upper
104 100
78 48.6 39.5 59.3
103 56.0 44.0 66.0





#71
Bromoform
Concen: 56.096 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

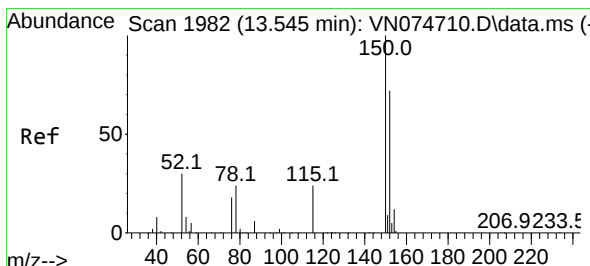
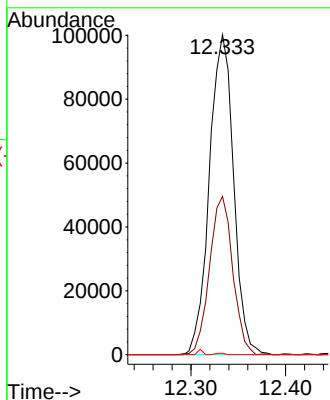
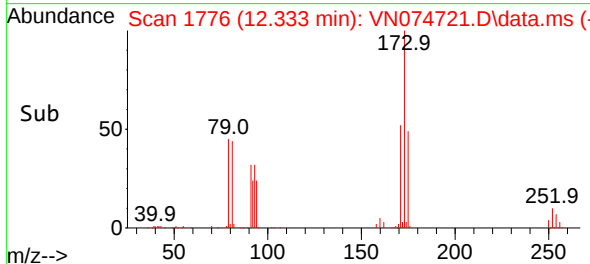
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



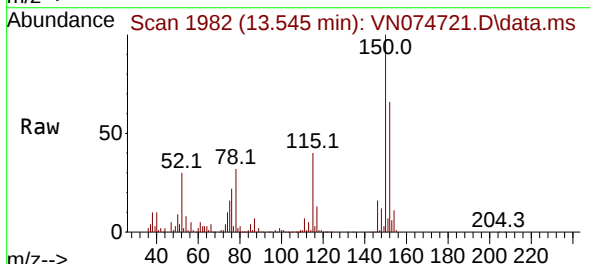
Tgt Ion:173 Resp: 177774
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.6
254 0.2 0.1 0.1

Manual Integrations
APPROVED

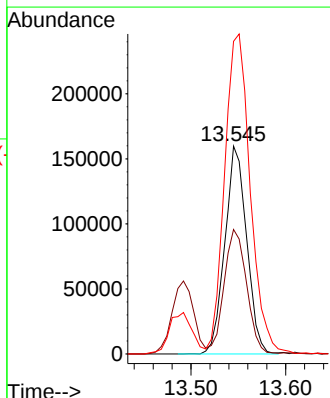
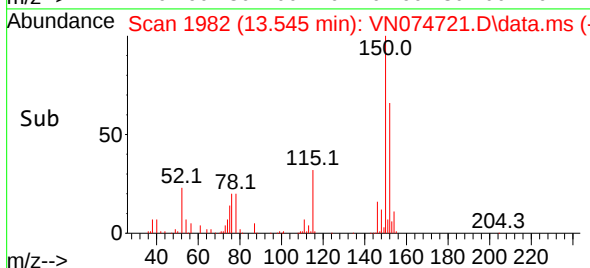
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

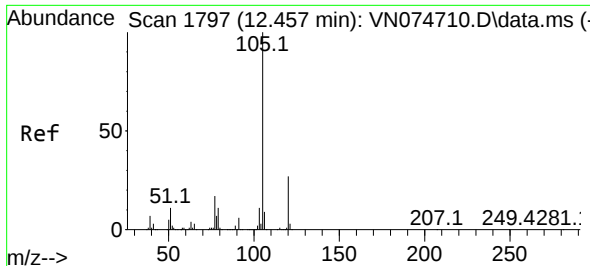


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.545 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28



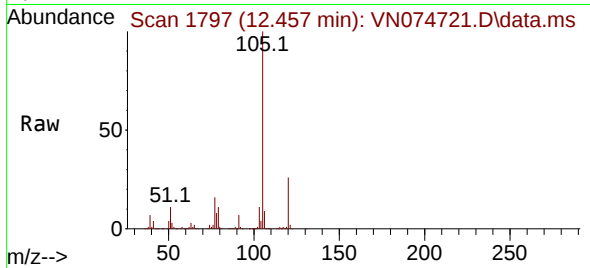
Tgt Ion:152 Resp: 255657
Ion Ratio Lower Upper
152 100
115 61.3 28.9 86.7
150 180.2 0.0 356.2





#73
Isopropylbenzene
Concen: 54.209 ug/l
RT: 12.457 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

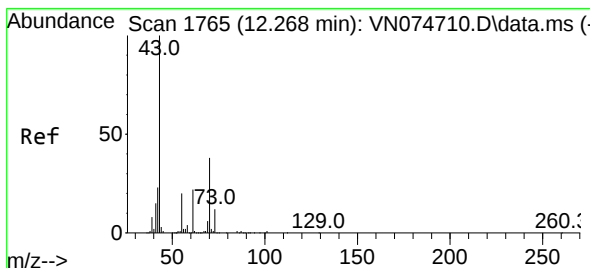
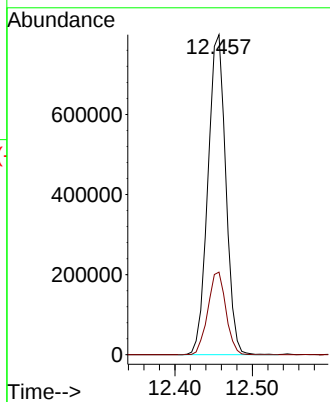
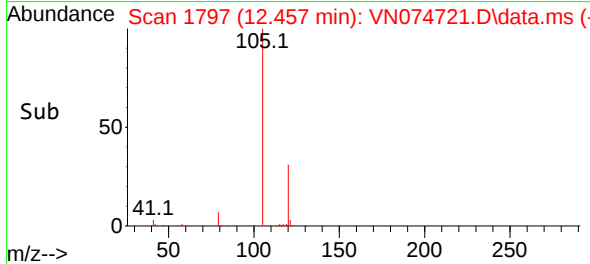
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 128049
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

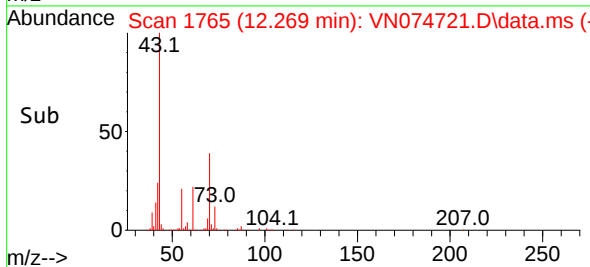
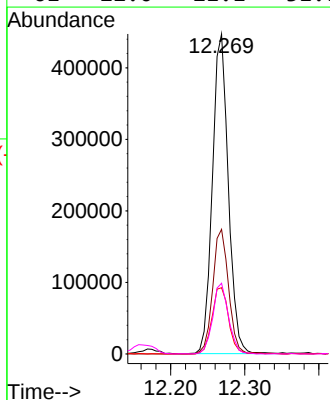
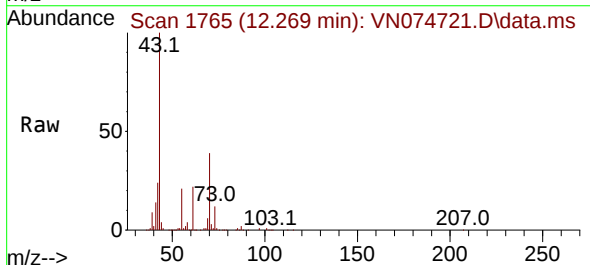
Manual Integrations
APPROVED

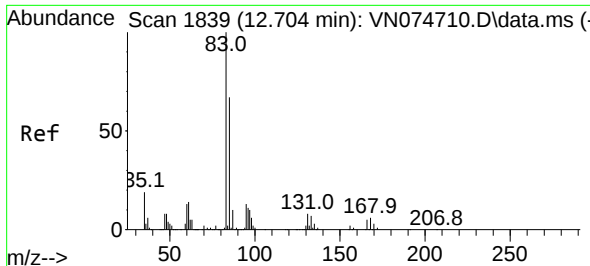
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#74
N-ethyl acetate
Concen: 57.044 ug/l
RT: 12.269 min Scan# 1765
Delta R.T. 0.001 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

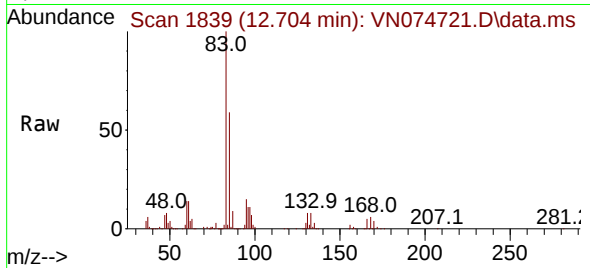
Tgt Ion: 43 Resp: 666071
Ion Ratio Lower Upper
43 100
70 38.9 39.0 58.4#
55 21.9 21.1 31.7
61 22.0 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.520 ug/l
RT: 12.704 min Scan# 1839
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

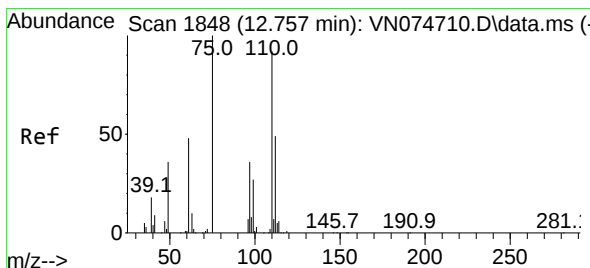
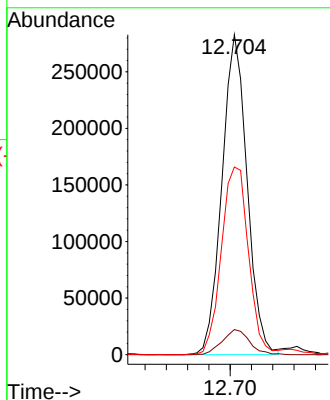
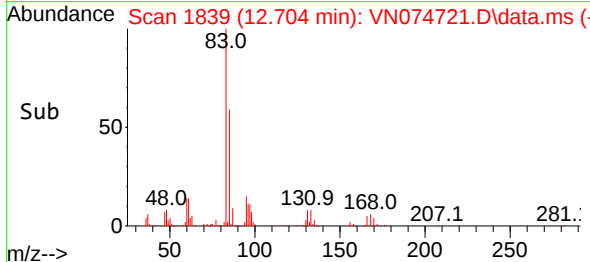
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 464154
Ion Ratio Lower Upper
83 100
131 8.5 5.3 15.9
85 63.3 32.3 96.9

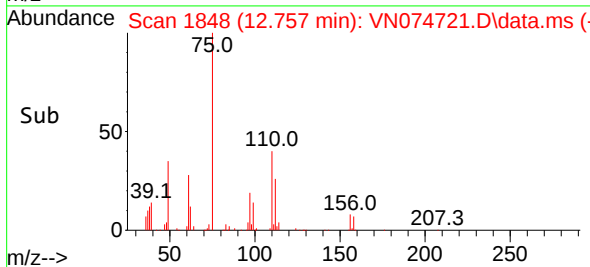
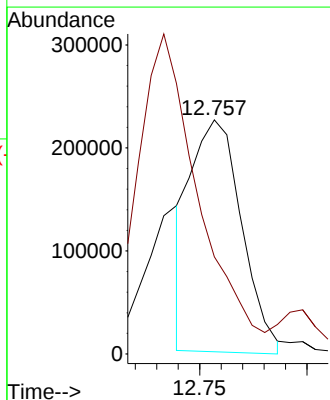
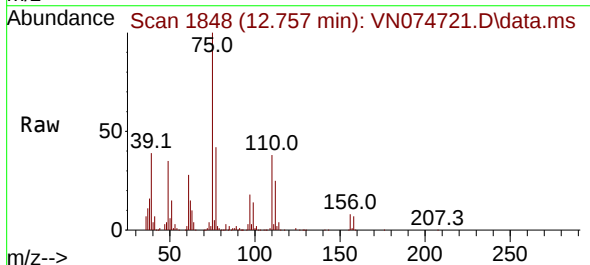
Manual Integrations
APPROVED

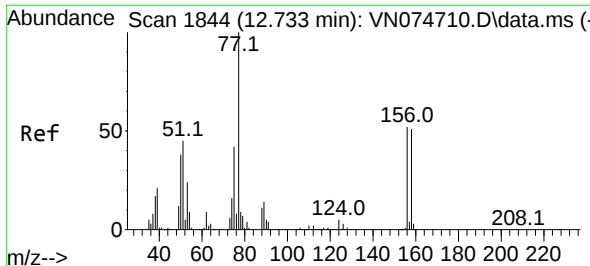
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#76
1,2,3-Trichloropropane
Concen: 64.503 ug/l m
RT: 12.757 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

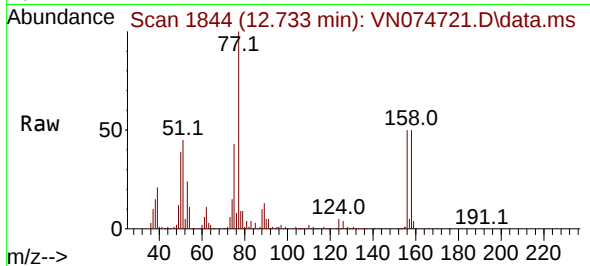
Tgt Ion: 75 Resp: 373461
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 51.948 ug/l
RT: 12.733 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

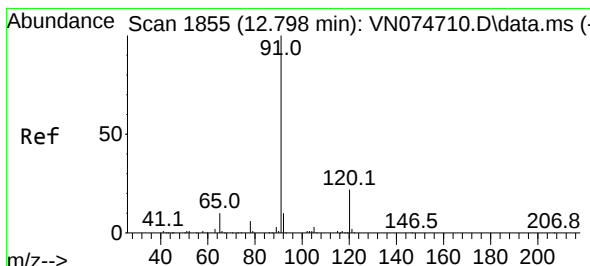
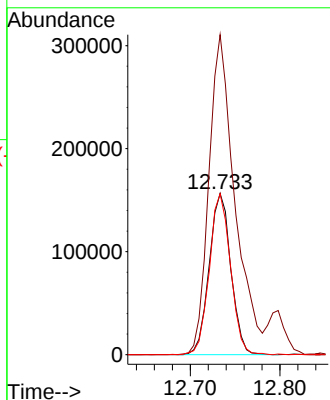
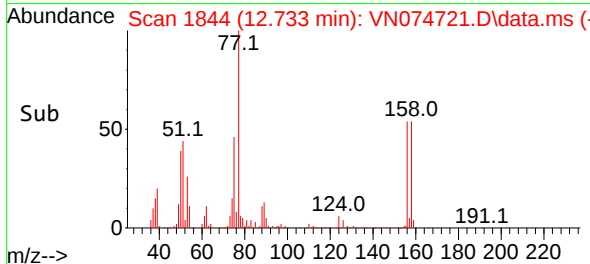
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 26231
Ion Ratio Lower Upper
156 100
77 237.2 100.5 301.5
158 97.7 48.9 146.6

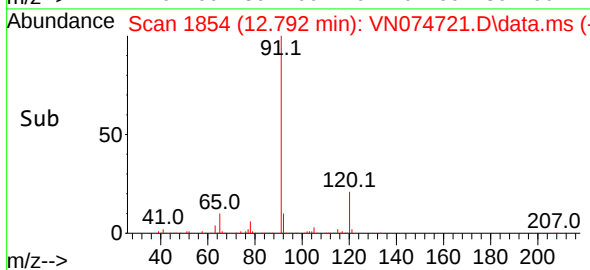
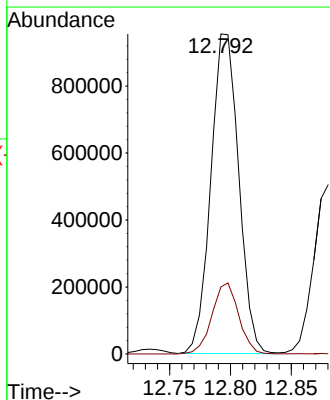
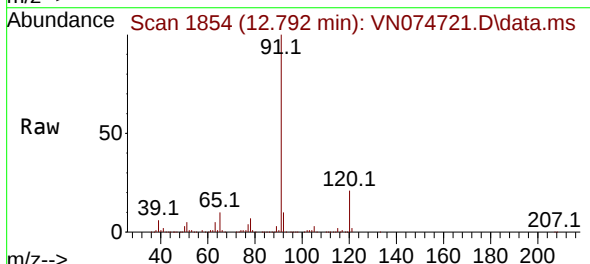
Manual Integrations
APPROVED

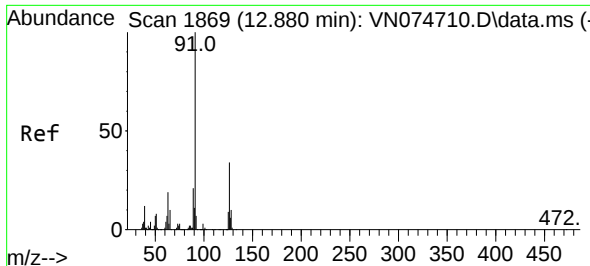
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#78
n-propylbenzene
Concen: 56.312 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

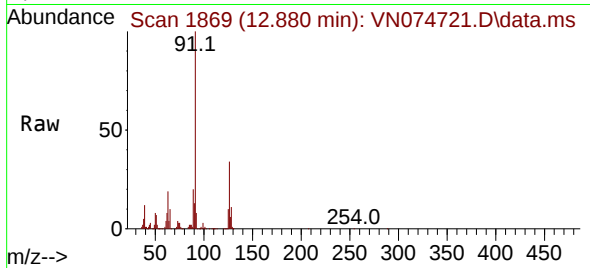
Tgt Ion: 91 Resp: 1522888
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.5





#79
2-Chlorotoluene
Concen: 54.628 ug/l
RT: 12.880 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

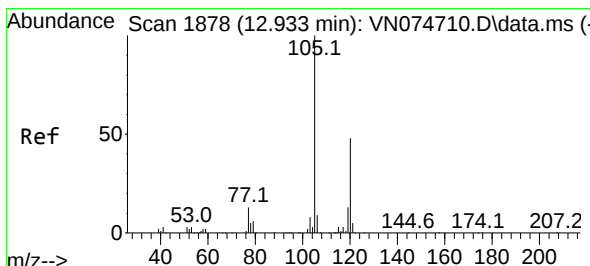
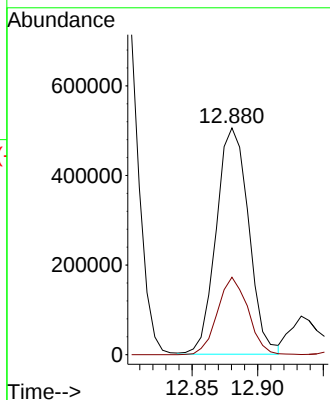
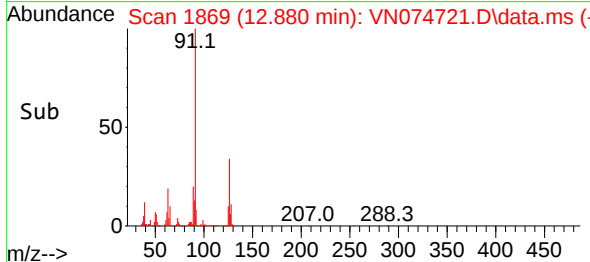
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 87050
Ion Ratio Lower Upper
91 100
126 32.3 17.3 51.9

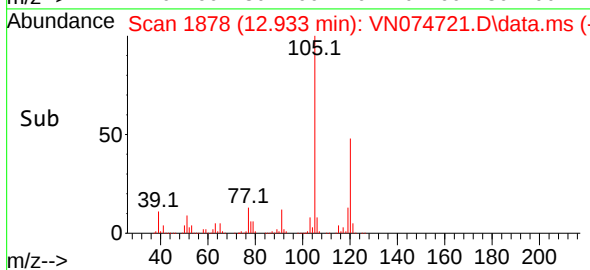
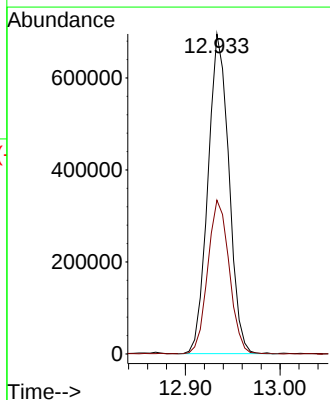
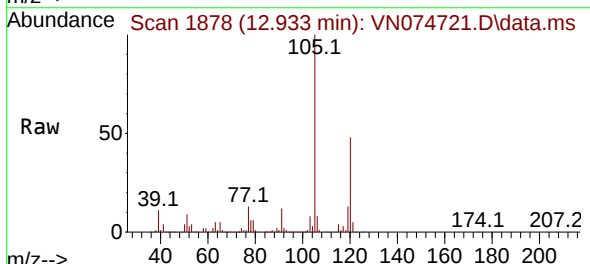
Manual Integrations
APPROVED

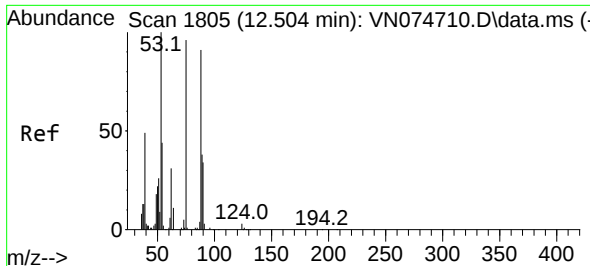
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 56.706 ug/l
RT: 12.933 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

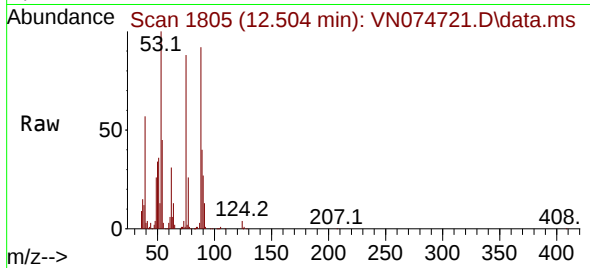
Tgt Ion:105 Resp: 1069228
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 56.342 ug/l
RT: 12.504 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

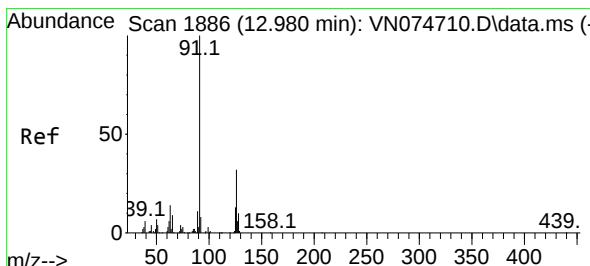
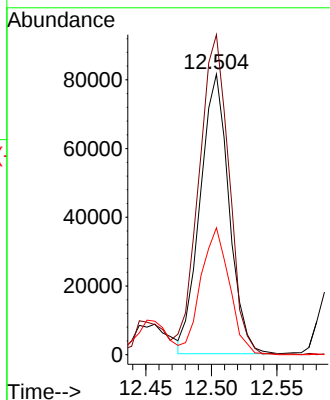
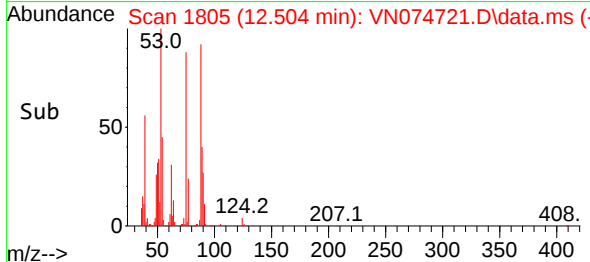
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 124680
Ion Ratio Lower Upper
75 100
53 120.3 78.0 117.0
89 45.2 37.2 55.8

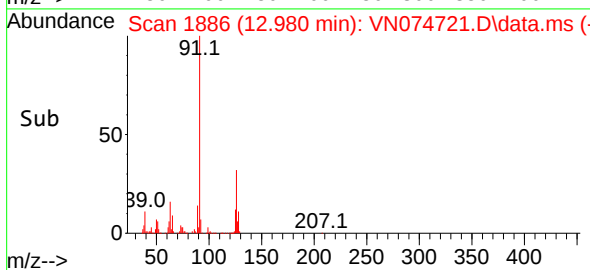
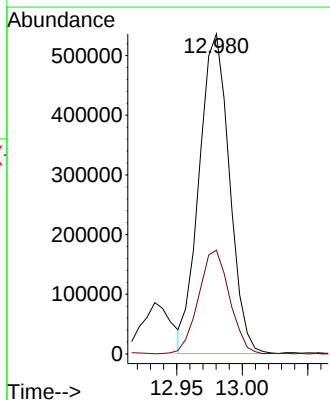
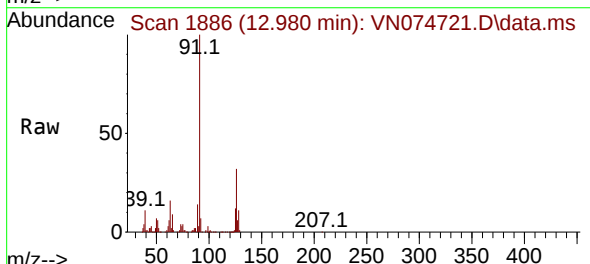
Manual Integrations
APPROVED

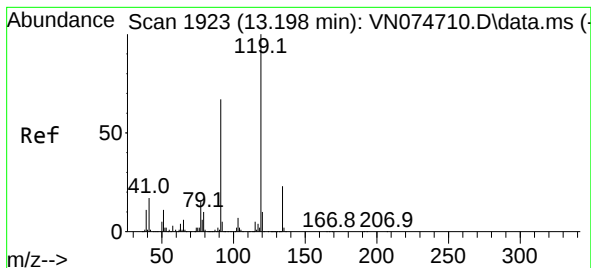
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#82
4-Chlorotoluene
Concen: 55.870 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. 0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

Tgt Ion: 91 Resp: 861097
Ion Ratio Lower Upper
91 100
126 33.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 55.567 ug/l

RT: 13.198 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VN074721.D

Acq: 03 Oct 2022 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 93738

Ion Ratio Lower Upper

119 100

91 65.5 31.6 94.8

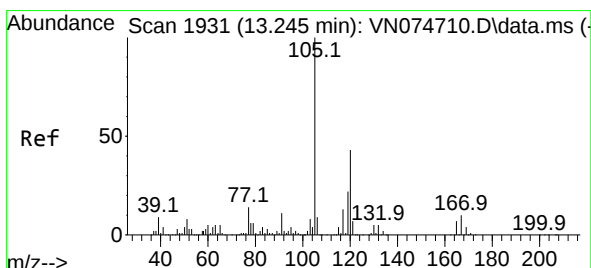
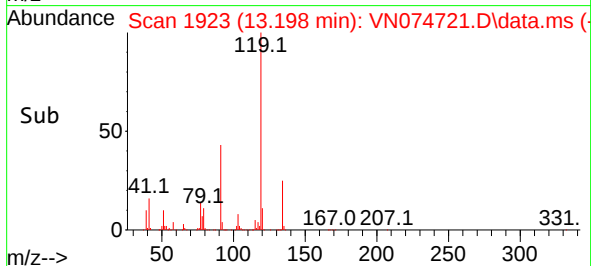
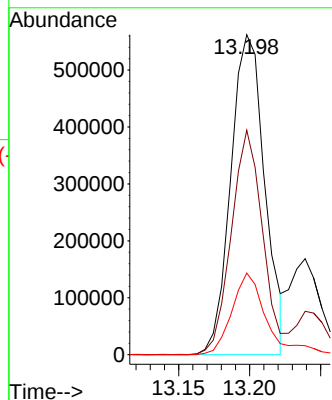
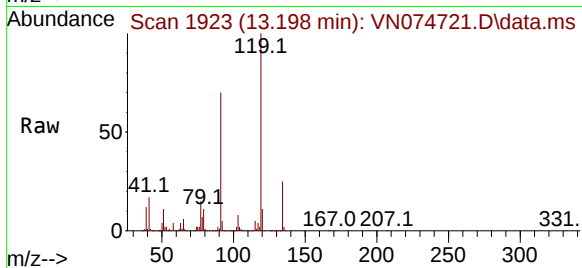
134 26.0 13.7 41.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#84

1,2,4-Trimethylbenzene

Concen: 60.988 ug/l

RT: 13.239 min Scan# 1930

Delta R.T. -0.006 min

Lab File: VN074721.D

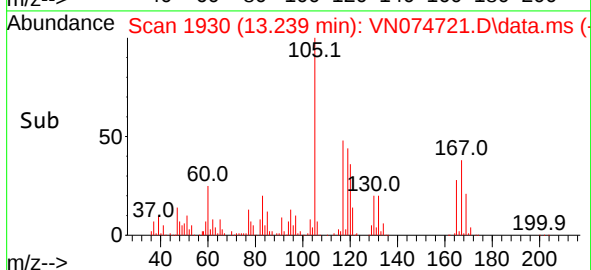
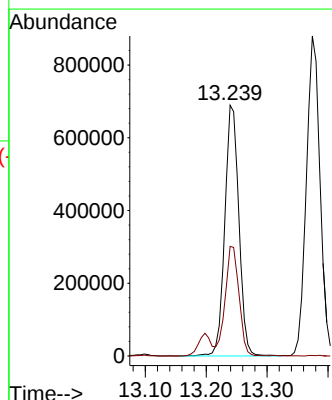
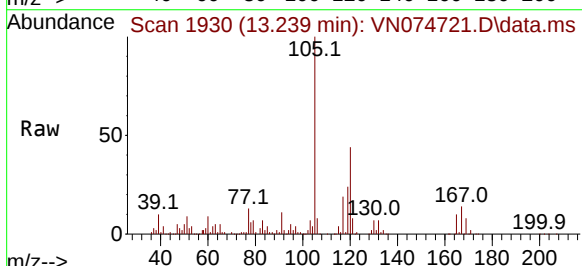
Acq: 03 Oct 2022 21:28

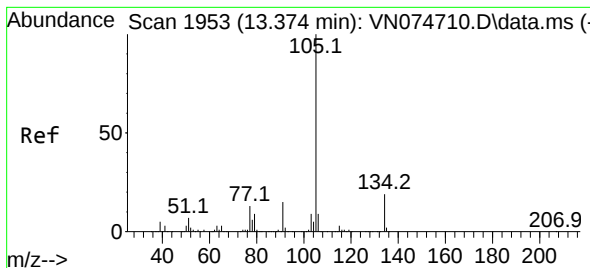
Tgt Ion:105 Resp: 1107541

Ion Ratio Lower Upper

105 100

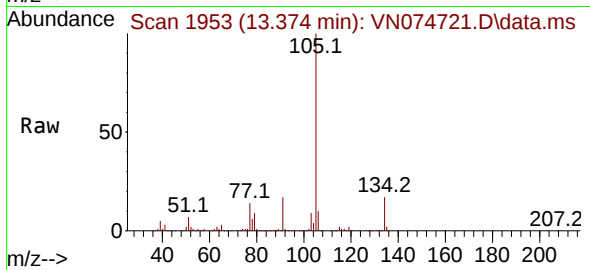
120 42.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 56.793 ug/l
 RT: 13.374 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN074721.D
 Acq: 03 Oct 2022 21:28

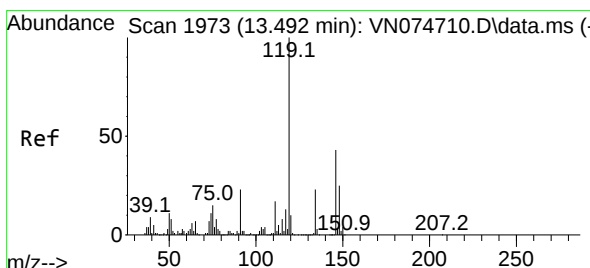
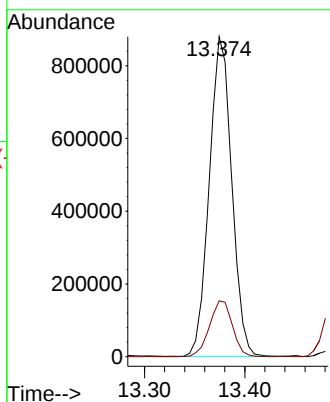
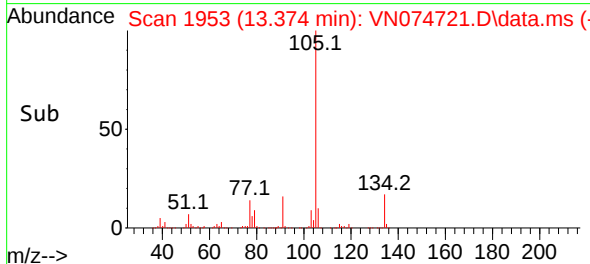
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



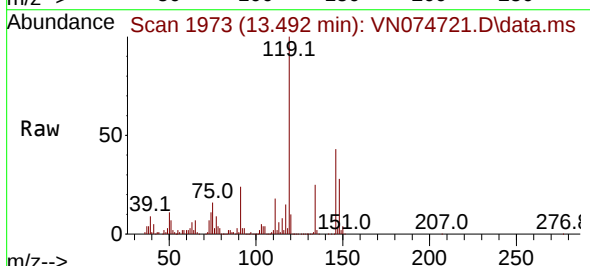
Tgt Ion:105 Resp: 1365999
 Ion Ratio Lower Upper
 105 100
 134 17.8 10.4 31.1

Manual Integrations
 APPROVED

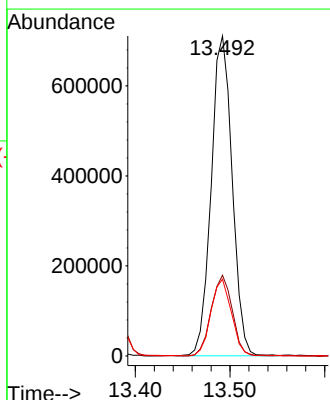
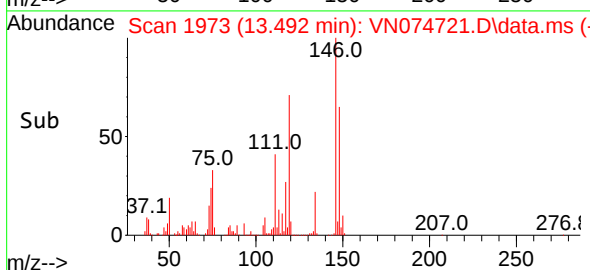
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022

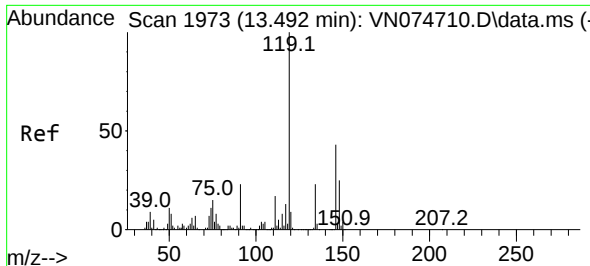


#86
 p-Isopropyltoluene
 Concen: 59.422 ug/l
 RT: 13.492 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VN074721.D
 Acq: 03 Oct 2022 21:28



Tgt Ion:119 Resp: 1095639
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.3 39.8
 91 23.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 55.666 ug/l

RT: 13.492 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VN074721.D

Acq: 03 Oct 2022 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 53415

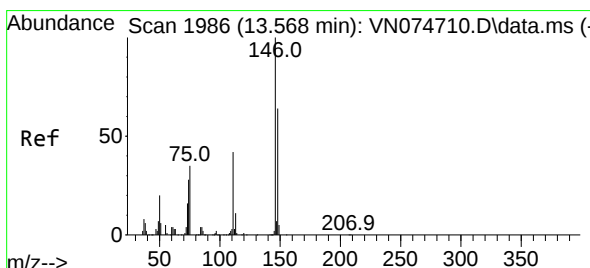
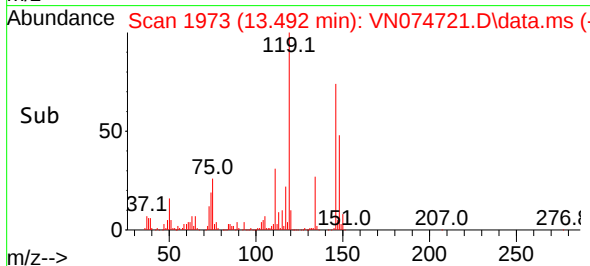
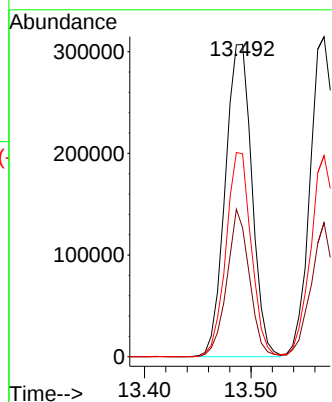
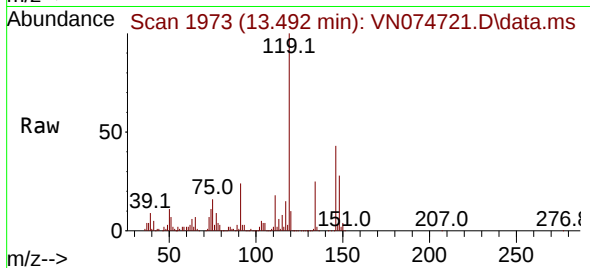
Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	60.0
148	62.2	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#88

1,4-Dichlorobenzene

Concen: 55.997 ug/l

RT: 13.568 min Scan# 1986

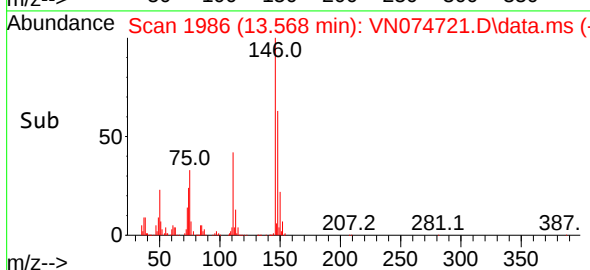
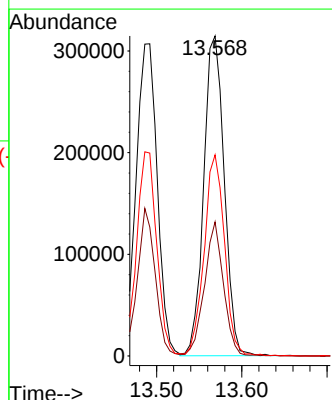
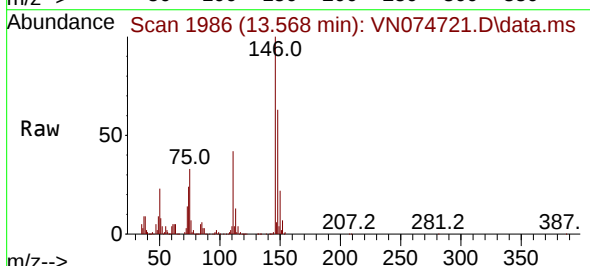
Delta R.T. 0.000 min

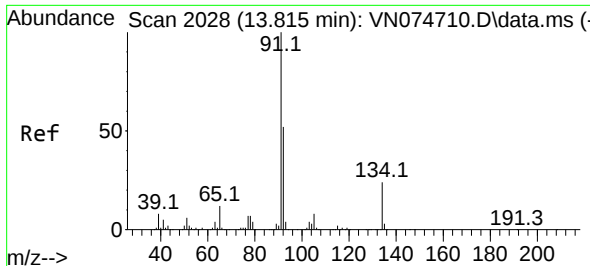
Lab File: VN074721.D

Acq: 03 Oct 2022 21:28

Tgt Ion:146 Resp: 526446

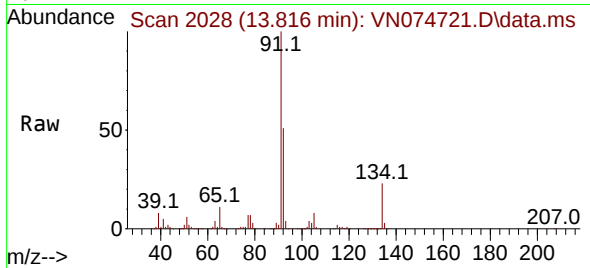
Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.1
148	62.1	31.4	94.3





#89
n-Butylbenzene
Concen: 57.841 ug/l
RT: 13.816 min Scan# 2028
Delta R.T. 0.001 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

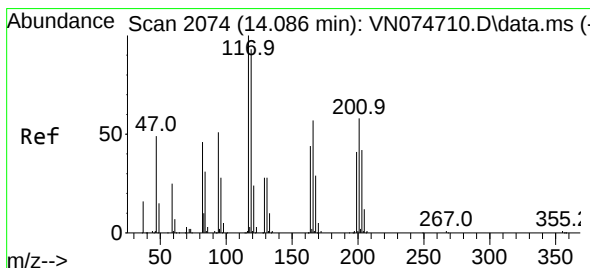
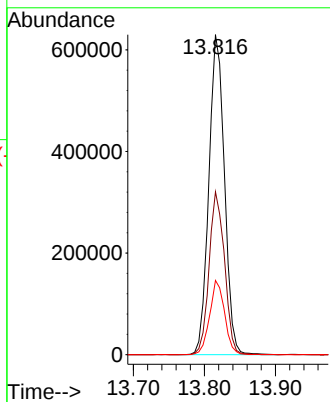
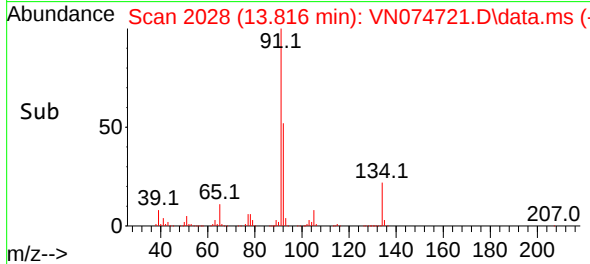
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 96318
Ion Ratio Lower Upper
91 100
92 50.2 26.9 80.7
134 22.3 13.6 40.8

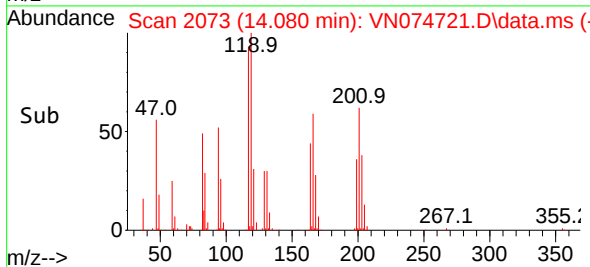
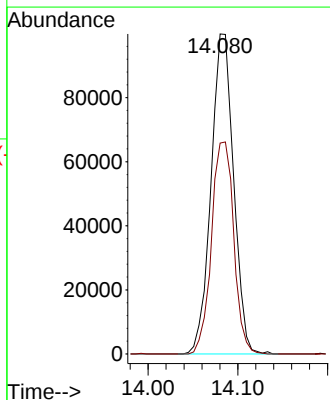
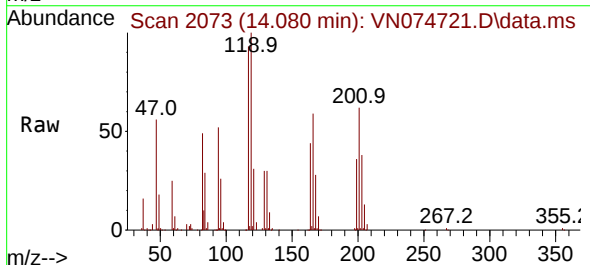
Manual Integrations
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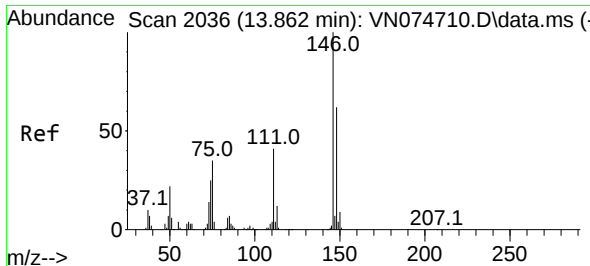
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#90
Hexachloroethane
Concen: 55.825 ug/l
RT: 14.080 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

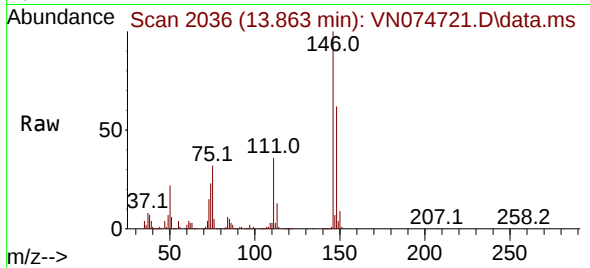
Tgt Ion:117 Resp: 174558
Ion Ratio Lower Upper
117 100
201 65.2 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 56.734 ug/l
RT: 13.863 min Scan# 2036
Delta R.T. 0.001 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

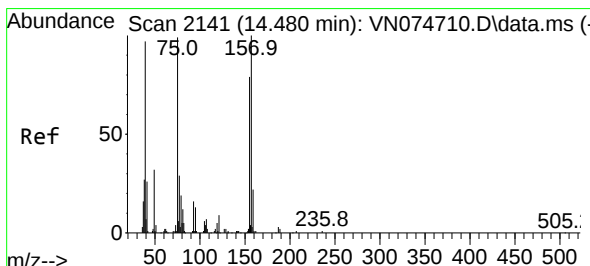
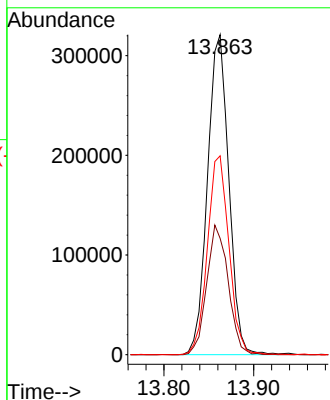
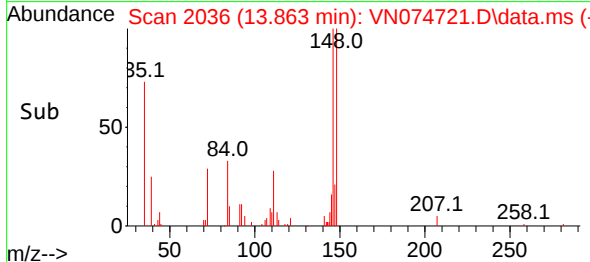
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



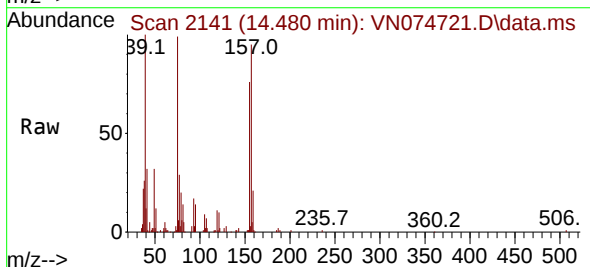
Tgt Ion:146 Resp: 52955
Ion Ratio Lower Upper
146 100
111 40.8 20.9 62.8
148 62.9 32.1 96.3

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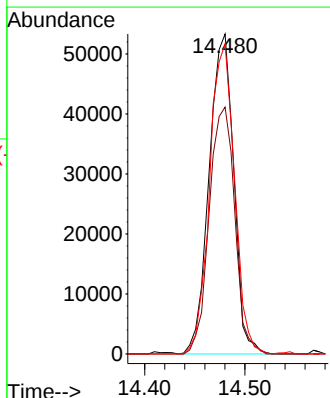
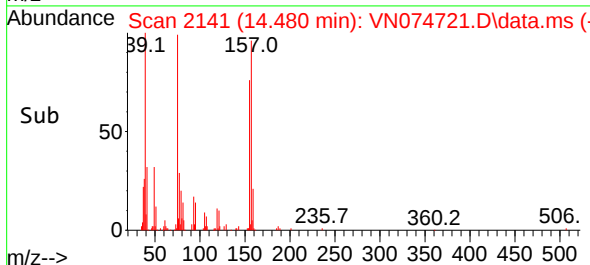
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

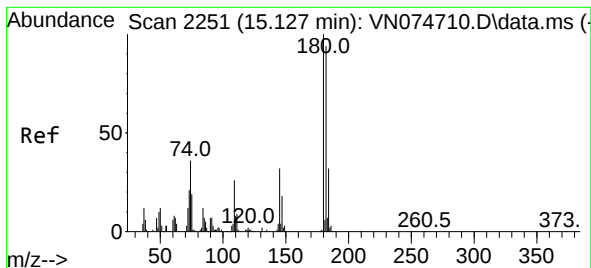


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.853 ug/l
RT: 14.480 min Scan# 2141
Delta R.T. 0.006 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28



Tgt Ion: 75 Resp: 90971
Ion Ratio Lower Upper
75 100
155 80.0 44.9 134.5
157 98.0 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 55.351 ug/l

RT: 15.127 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VN074721.D

Acq: 03 Oct 2022 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 227810

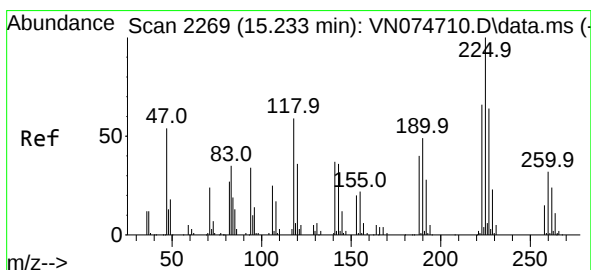
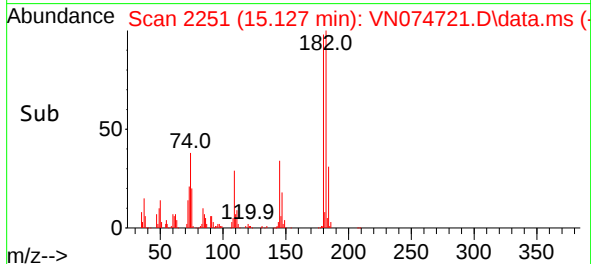
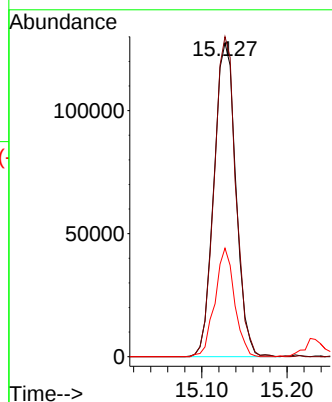
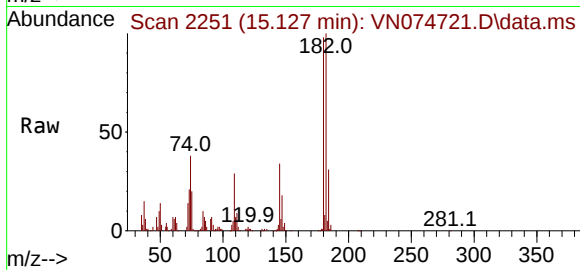
Ion	Ratio	Lower	Upper
180	100		
182	100.4	47.5	142.5
145	31.0	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#94

Hexachlorobutadiene

Concen: 50.233 ug/l

RT: 15.233 min Scan# 2269

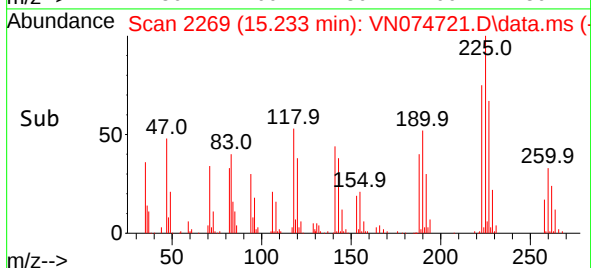
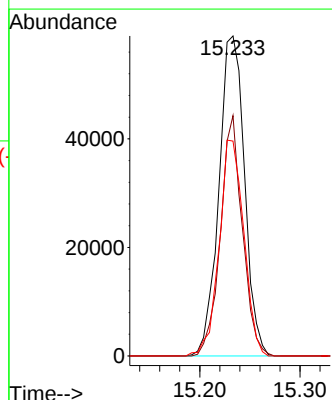
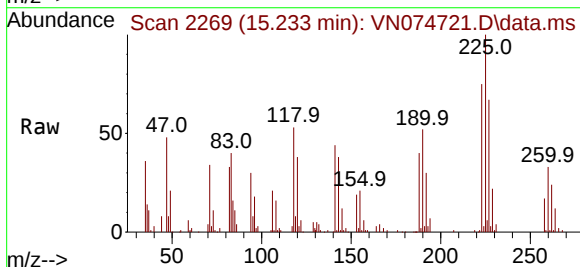
Delta R.T. 0.000 min

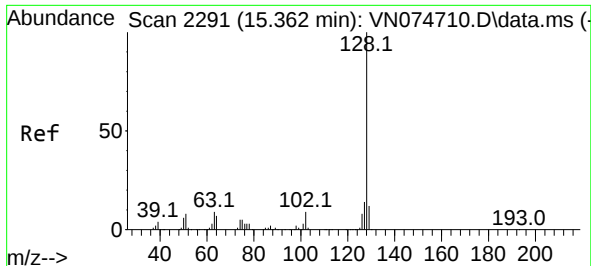
Lab File: VN074721.D

Acq: 03 Oct 2022 21:28

Tgt Ion:225 Resp: 104539

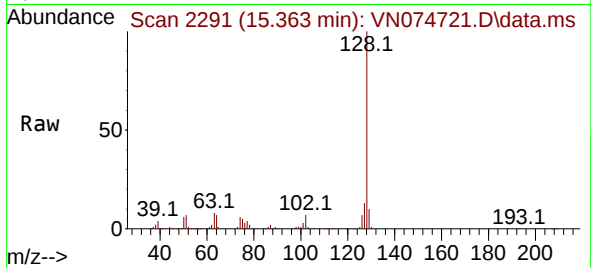
Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.4	97.2
227	64.9	31.8	95.4





#95
Naphthalene
Concen: 59.714 ug/l
RT: 15.363 min Scan# 2291
Delta R.T. 0.001 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28

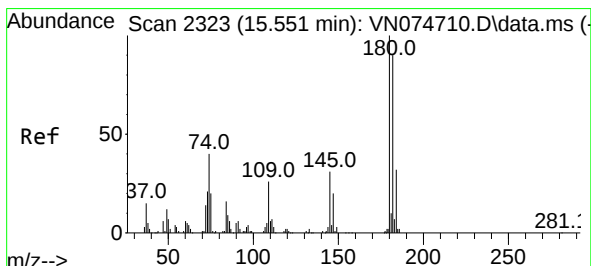
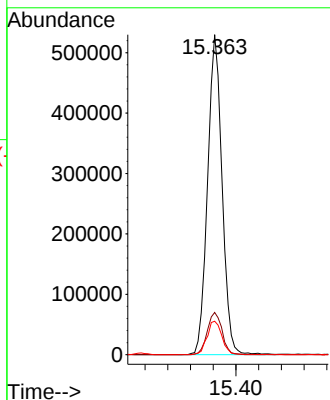
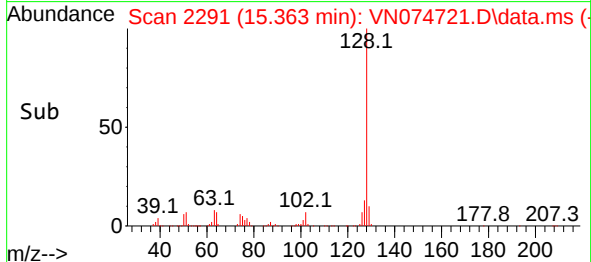
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



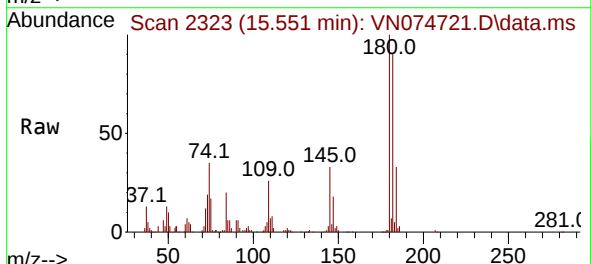
Tgt Ion:128 Resp: 93388
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 54.327 ug/l
RT: 15.551 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN074721.D
Acq: 03 Oct 2022 21:28



Tgt Ion:180 Resp: 235957
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 31.8 15.5 46.5

