

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074523.D
 Acq On : 16 Sep 2022 20:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 16 22:36:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	250740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	473774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	442472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	206754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	212496	49.947	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.900%		
35) Dibromofluoromethane	7.945	113	157878	50.165	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.320%		
50) Toluene-d8	10.380	98	609057	50.040	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.080%		
62) 4-Bromofluorobenzene	12.674	95	214195	51.382	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	118755	43.518	ug/l	99
3) Chloromethane	2.263	50	246731	53.734	ug/l	98
4) Vinyl Chloride	2.404	62	295064	60.070	ug/l	100
5) Bromomethane	2.775	94	206187	79.596	ug/l	98
6) Chloroethane	2.951	64	232220	69.212	ug/l	95
7) Trichlorofluoromethane	3.310	101	255599	47.121	ug/l	95
8) Diethyl Ether	3.763	74	127945	46.253	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.134	101	159782	47.613	ug/l	90
10) Methyl Iodide	4.345	142	189922	47.974	ug/l	94
11) Tert butyl alcohol	5.281	59	315858	227.910	ug/l	98
12) 1,1-Dichloroethene	4.104	96	161312	48.818	ug/l	94
13) Acrolein	3.975	56	132617	262.032	ug/l	99
14) Allyl chloride	4.757	41	392073	49.721	ug/l #	94
15) Acrylonitrile	5.469	53	812601	260.988	ug/l	100
16) Acetone	4.216	43	691743	254.094	ug/l	96
17) Carbon Disulfide	4.457	76	418706	46.238	ug/l	99
18) Methyl Acetate	4.769	43	432359	51.132	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	694930	49.930	ug/l	96
20) Methylene Chloride	5.010	84	212802	51.199	ug/l #	84
21) trans-1,2-Dichloroethene	5.516	96	176968	48.799	ug/l	94
22) Diisopropyl ether	6.410	45	856979	54.122	ug/l #	94
23) Vinyl Acetate	6.345	43	3846883	275.450	ug/l #	90
24) 1,1-Dichloroethane	6.298	63	395521	49.972	ug/l	98
25) 2-Butanone	7.257	43	1224448	270.895	ug/l #	89
26) 2,2-Dichloropropane	7.251	77	272255	39.898	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	220996	47.600	ug/l	91
28) Bromochloromethane	7.586	49	121628	52.184	ug/l #	66
29) Tetrahydrofuran	7.604	42	815387	274.370	ug/l #	84
30) Chloroform	7.745	83	379302	51.921	ug/l	96
31) Cyclohexane	8.022	56	356674	47.232	ug/l	88
32) 1,1,1-Trichloroethane	7.939	97	310998	48.539	ug/l	96
36) 1,1-Dichloropropene	8.151	75	275157	49.394	ug/l	94
37) Ethyl Acetate	7.328	43	463853	53.918	ug/l #	94
38) Carbon Tetrachloride	8.133	117	260451	50.639	ug/l	95
39) Methylcyclohexane	9.392	83	331885	50.103	ug/l	95
40) Benzene	8.392	78	882793	51.248	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	216944	52.160	ug/l	91
42) 1,2-Dichloroethane	8.469	62	308842	52.245	ug/l	96
43) Isopropyl Acetate	8.492	43	729645	54.146	ug/l #	91
44) Trichloroethene	9.151	130	179606	48.185	ug/l	87
45) 1,2-Dichloropropane	9.428	63	244762	51.702	ug/l	99
46) Dibromomethane	9.516	93	150082	50.618	ug/l #	84
47) Bromodichloromethane	9.698	83	304414	52.368	ug/l #	96
48) Methyl methacrylate	9.498	41	334064	55.909	ug/l #	83
49) 1,4-Dioxane	9.504	88	116178	1011.324	ug/l #	87
51) 4-Methyl-2-Pentanone	10.269	43	2539814	288.621	ug/l	88
52) Toluene	10.445	92	544108	53.865	ug/l	97
53) t-1,3-Dichloropropene	10.663	75	345779	51.038	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	361091	49.804	ug/l #	84
55) 1,1,2-Trichloroethane	10.839	97	218046	50.961	ug/l	97
56) Ethyl methacrylate	10.704	69	413913	54.156	ug/l #	76
57) 1,3-Dichloropropane	10.986	76	411924	54.909	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.980	63	875244	260.208	ug/l #	88
59) 2-Hexanone	11.027	43	1965240	292.547	ug/l	86
60) Dibromochloromethane	11.180	129	220808	53.908	ug/l	99
61) 1,2-Dibromoethane	11.286	107	221638	53.321	ug/l	99
64) Tetrachloroethene	10.916	164	145017	47.757	ug/l	94
65) Chlorobenzene	11.710	112	552112	49.704	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.786	131	200920	49.784	ug/l	99
67) Ethyl Benzene	11.786	91	1064652	52.204	ug/l	99
68) m/p-Xylenes	11.892	106	789462	104.698	ug/l	95
69) o-Xylene	12.221	106	394603	51.327	ug/l	95
70) Styrene	12.239	104	662242	51.783	ug/l	98
71) Bromoform	12.398	173	155195	52.320	ug/l #	99
73) Isopropylbenzene	12.521	105	1026075	48.468	ug/l	98
74) N-amyl acetate	12.333	43	673959	50.917	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.768	83	403635	47.578	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	313720m	49.296	ug/l	
77) Bromobenzene	12.804	156	214118	47.347	ug/l	75
78) n-propylbenzene	12.863	91	1241466	49.238	ug/l	94
79) 2-Chlorotoluene	12.951	91	717600	47.676	ug/l	94
80) 1,3,5-Trimethylbenzene	13.004	105	844302	48.924	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	134884	45.745	ug/l	97
82) 4-Chlorotoluene	13.045	91	689626	48.203	ug/l	98
83) tert-Butylbenzene	13.268	119	749458	47.718	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	847574	48.804	ug/l	99
85) sec-Butylbenzene	13.445	105	1075457	49.870	ug/l	96
86) p-Isopropyltoluene	13.557	119	849772	50.545	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	404851	48.717	ug/l	97
88) 1,4-Dichlorobenzene	13.639	146	399442	47.826	ug/l	99
89) n-Butylbenzene	13.886	91	766047	50.552	ug/l	94
90) Hexachloroethane	14.151	117	177227	48.449	ug/l	72
91) 1,2-Dichlorobenzene	13.927	146	406717	47.176	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	83765	44.715	ug/l	84
93) 1,2,4-Trichlorobenzene	15.198	180	193836	47.193	ug/l	98
94) Hexachlorobutadiene	15.304	225	81340	45.060	ug/l	98
95) Naphthalene	15.439	128	843510	47.738	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	201431	47.398	ug/l	98

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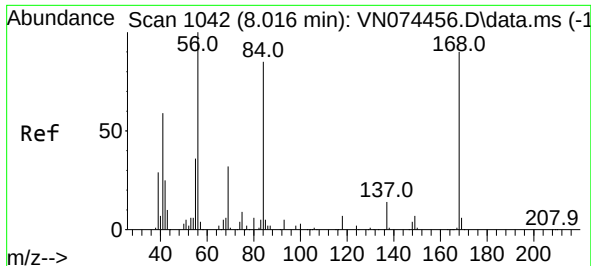
Manual Integrations
APPROVED

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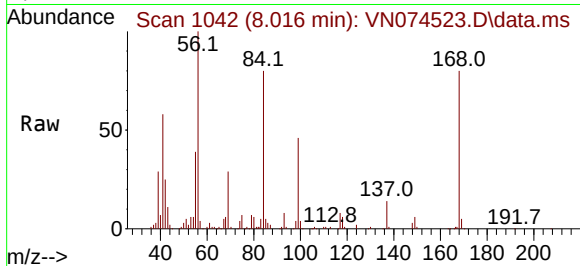
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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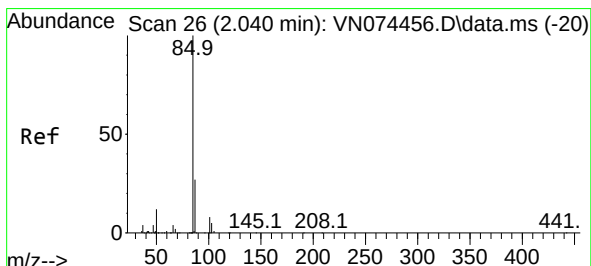
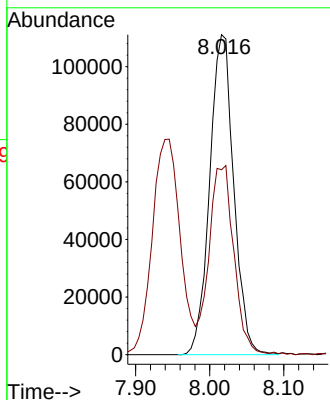
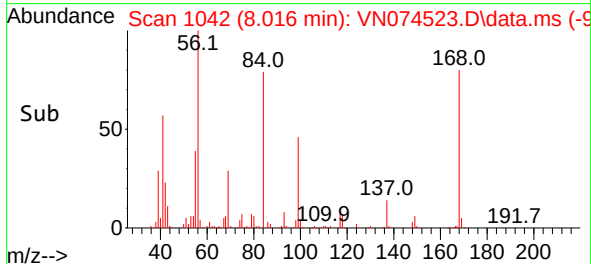
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 250740
Ion Ratio Lower Upper
168 100
99 57.5 42.3 63.5

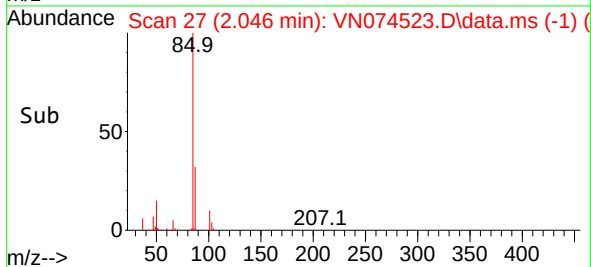
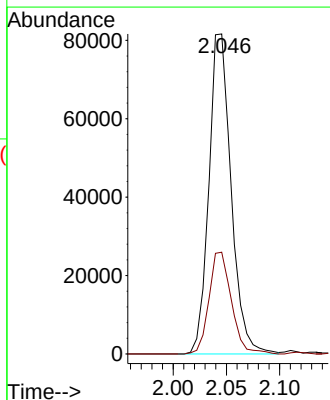
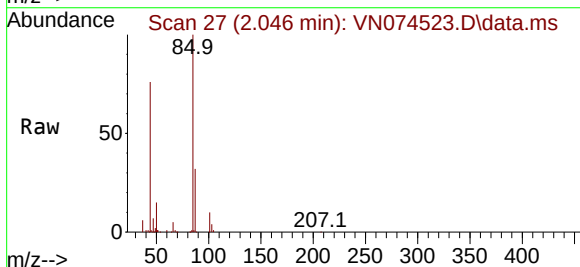
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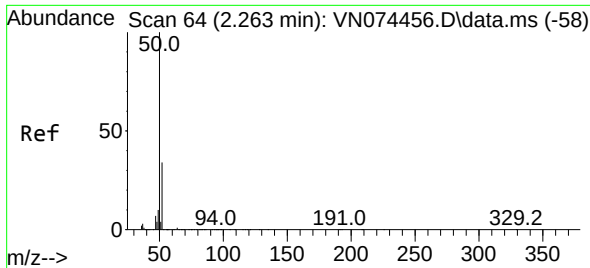
Reviewed By :John Carlone 09/17/2022
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#2
Dichlorodifluoromethane
Concen: 43.518 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.006 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

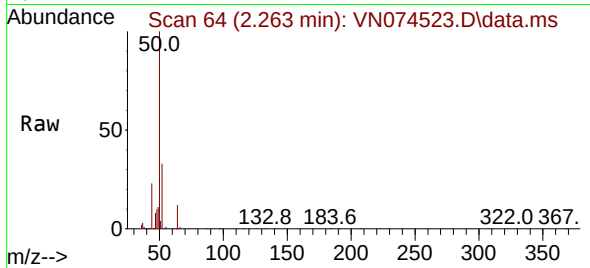
Tgt Ion: 85 Resp: 118755
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1





#3
Chloromethane
Concen: 53.734 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

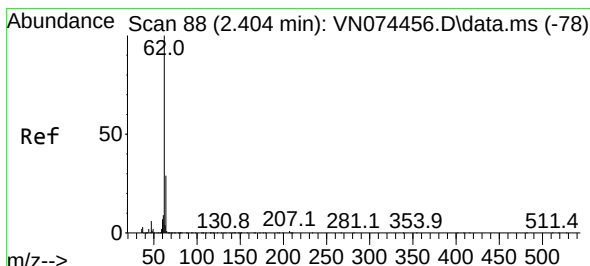
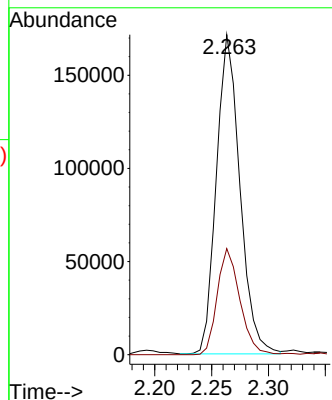
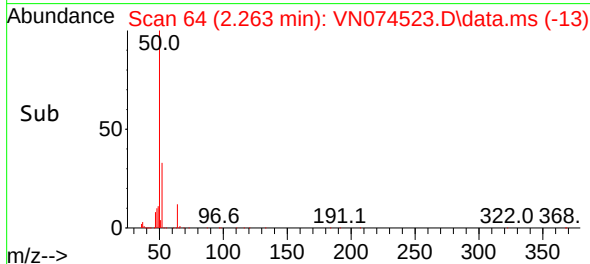
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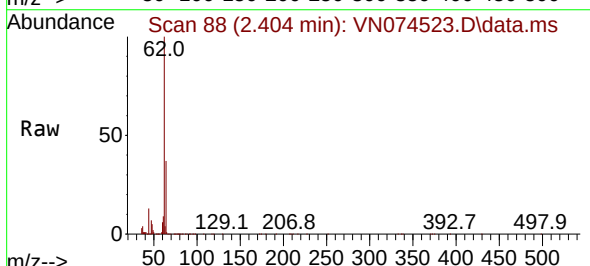
Tgt Ion: 50 Resp: 24673
Ion Ratio Lower Upper
50 100
52 33.2 25.7 38.5

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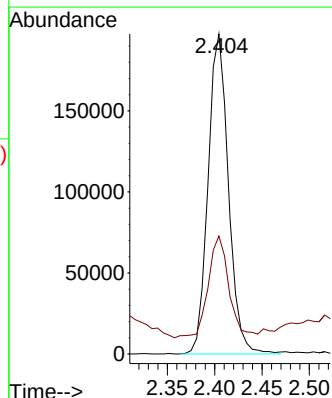
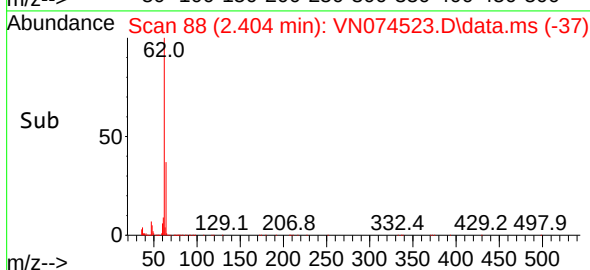
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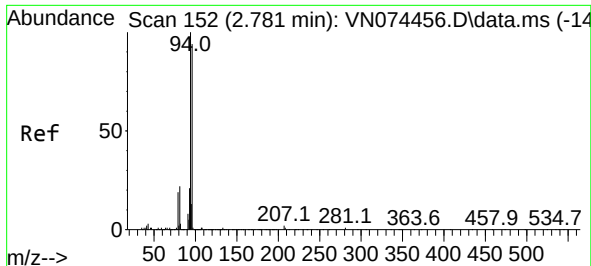


#4
Vinyl Chloride
Concen: 60.070 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



Tgt Ion: 62 Resp: 295064
Ion Ratio Lower Upper
62 100
64 31.1 25.0 37.4





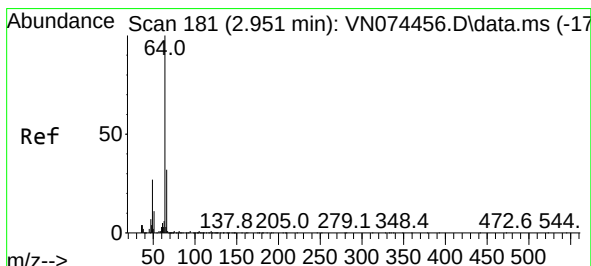
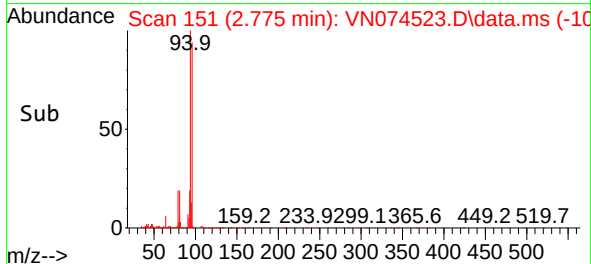
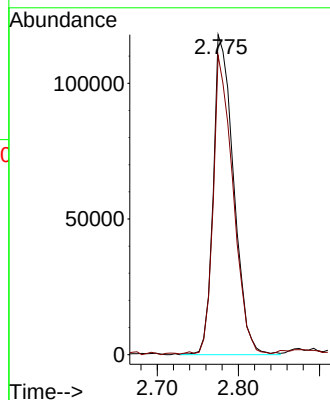
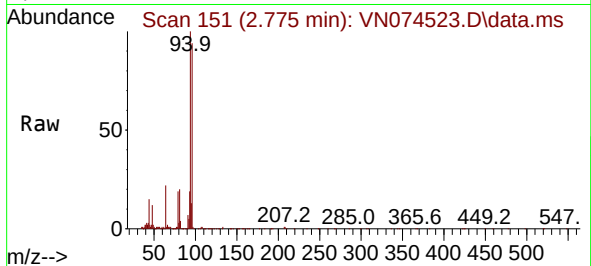
#5
Bromomethane
Concen: 79.596 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074523.D
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Instrument :
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Tgt Ion: 94 Resp: 20618
Ion Ratio Lower Upper
94 100
96 93.3 76.0 114.0

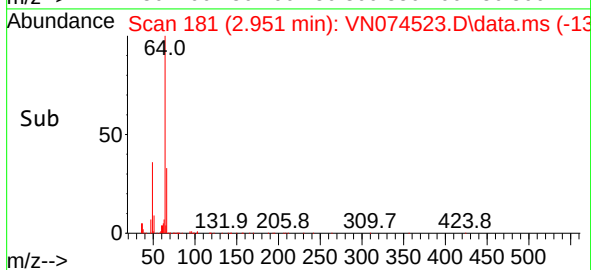
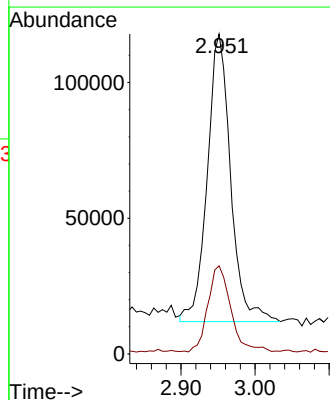
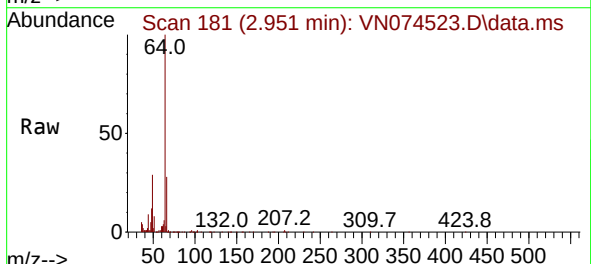
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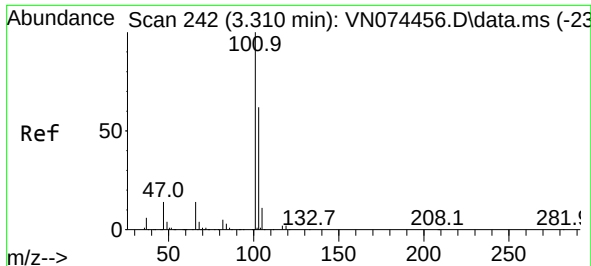
Reviewed By :John Carlone 09/17/2022
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#6
Chloroethane
Concen: 69.212 ug/l
RT: 2.951 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN074523.D
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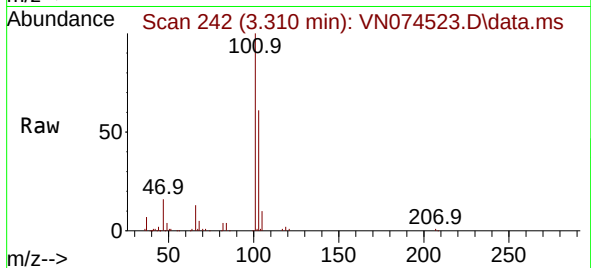
Tgt Ion: 64 Resp: 232220
Ion Ratio Lower Upper
64 100
66 29.8 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 47.121 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN074523.D
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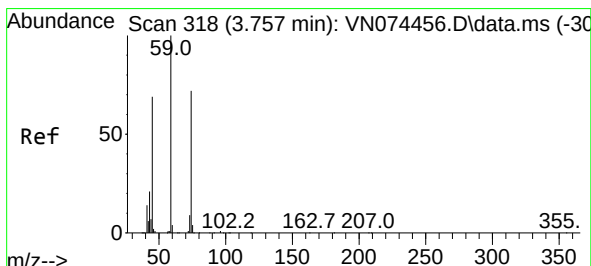
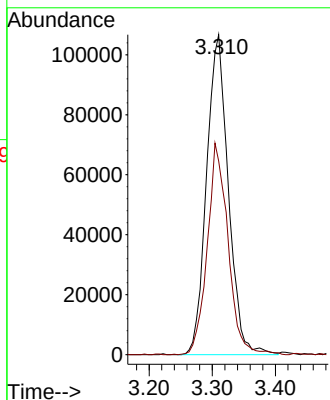
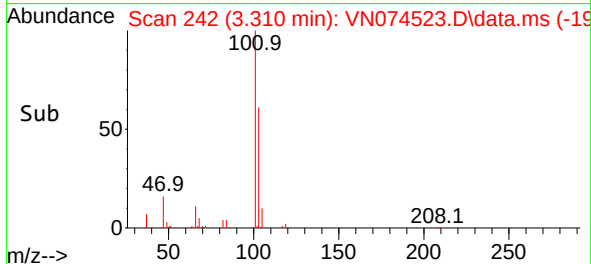
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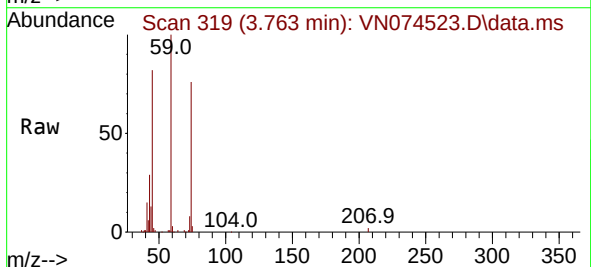
Tgt Ion:101 Resp: 255599
 Ion Ratio Lower Upper
 101 100
 103 60.5 51.5 77.3

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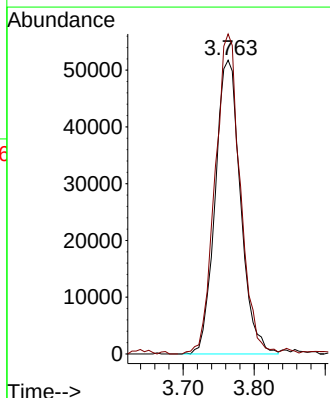
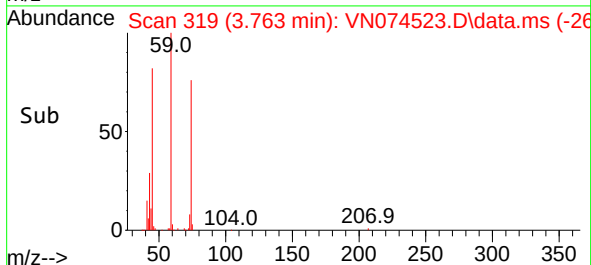
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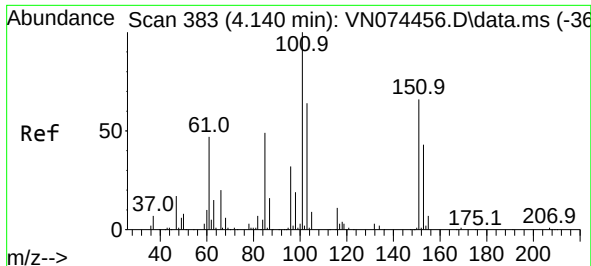


#8
 Diethyl Ether
 Concen: 46.253 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 127945
 Ion Ratio Lower Upper
 74 100
 45 108.2 42.9 128.5





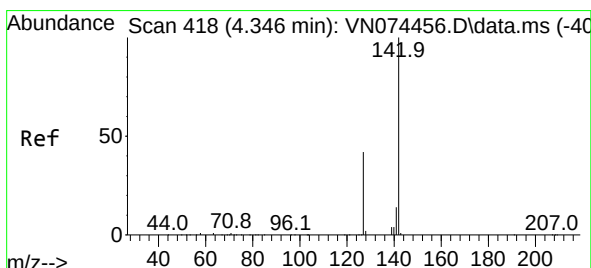
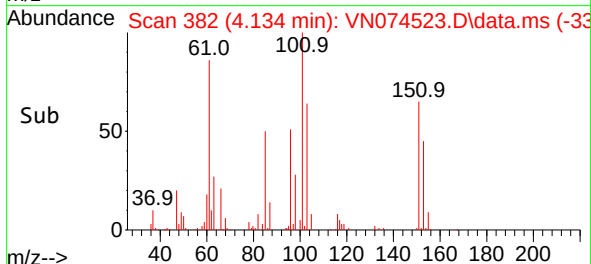
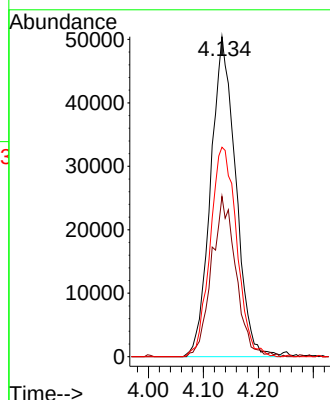
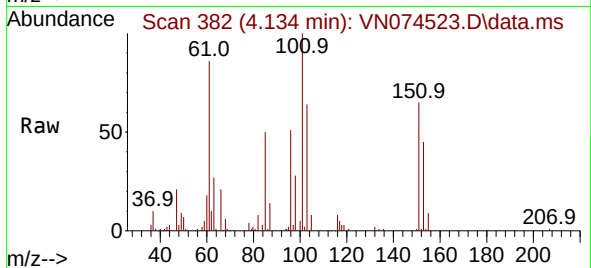
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.613 ug/l
RT: 4.134 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 15978
Ion Ratio Lower Upper
101 100
85 48.5 34.7 52.1
151 69.2 63.0 94.4

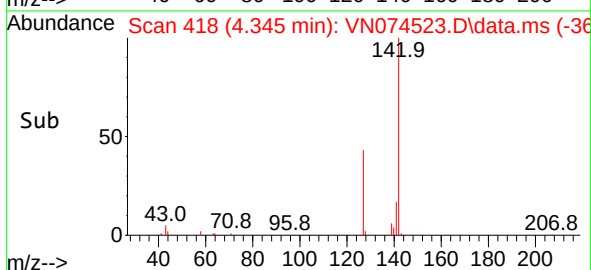
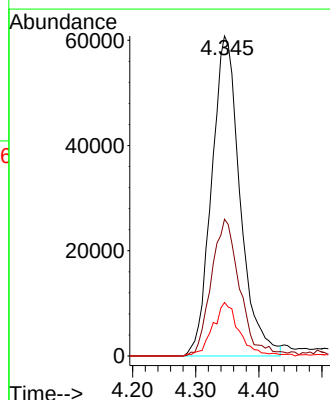
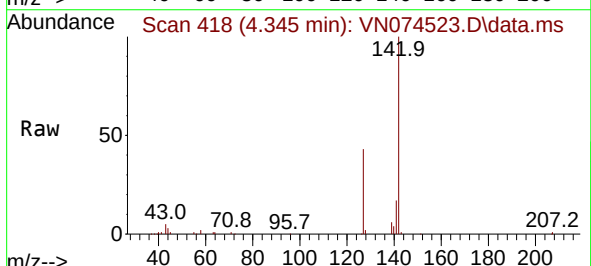
Manual Integrations
APPROVED

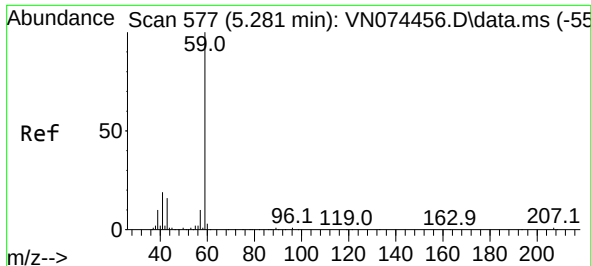
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#10
Methyl Iodide
Concen: 47.974 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.001 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

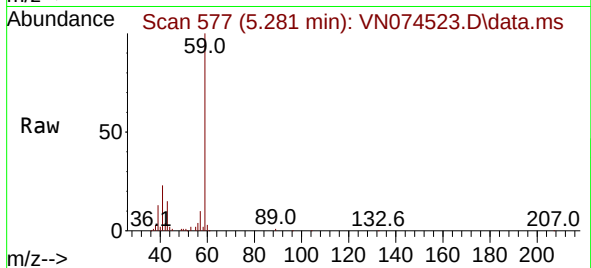
Tgt Ion:142 Resp: 189922
Ion Ratio Lower Upper
142 100
127 43.2 31.3 46.9
141 15.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 227.910 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

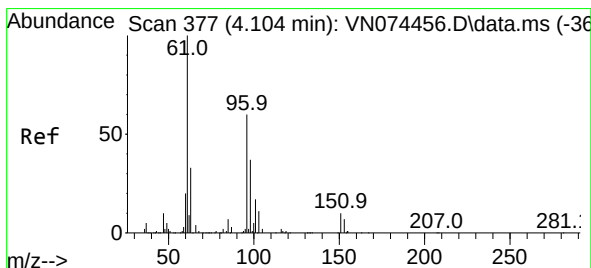
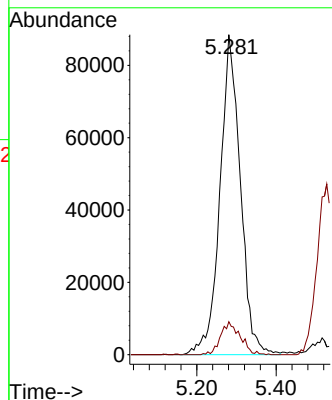
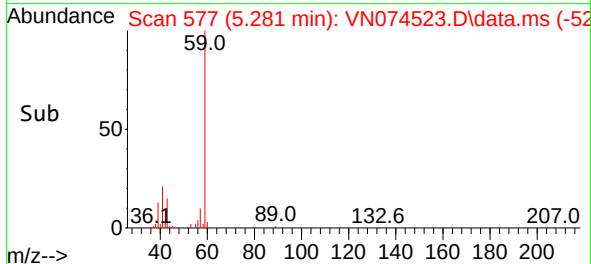
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



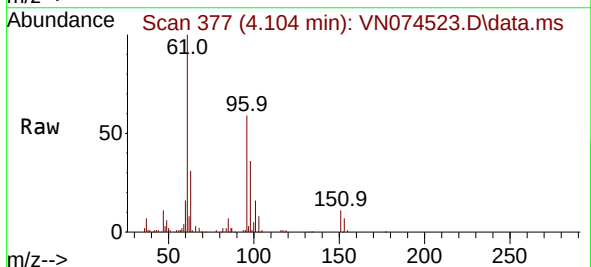
Tgt Ion: 59 Resp: 31585
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

Manual Integrations
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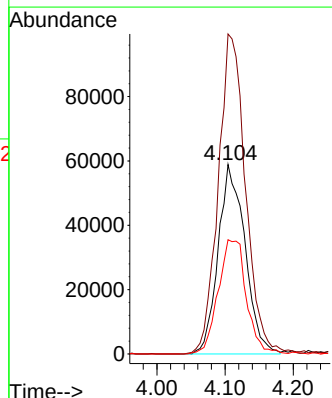
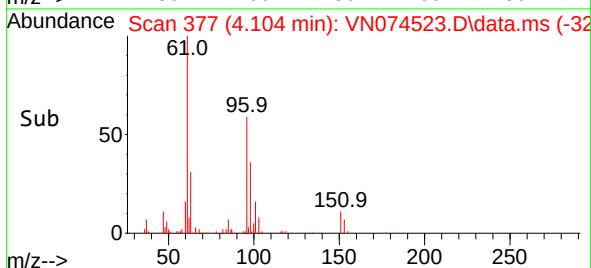
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

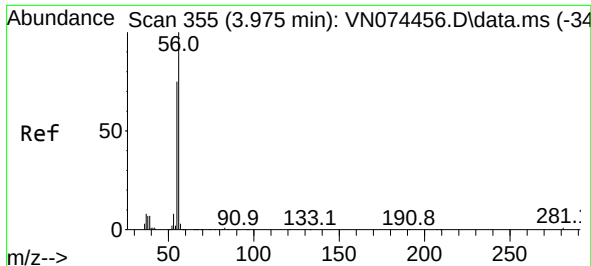


#12
1,1-Dichloroethene
Concen: 48.818 ug/l
RT: 4.104 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



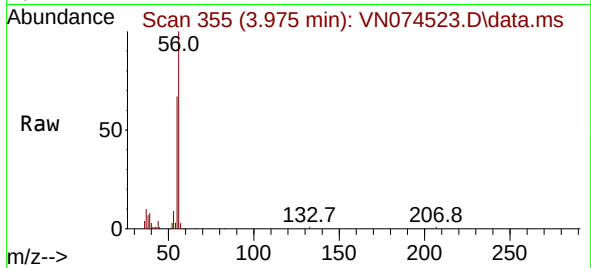
Tgt Ion: 96 Resp: 161312
Ion Ratio Lower Upper
96 100
61 168.9 127.6 191.4
98 60.3 51.2 76.8





#13
Acrolein
Concen: 262.032 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

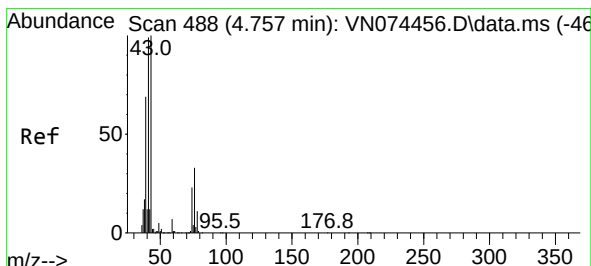
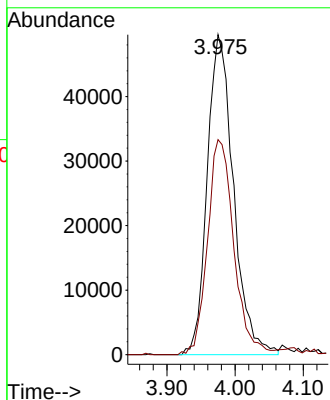
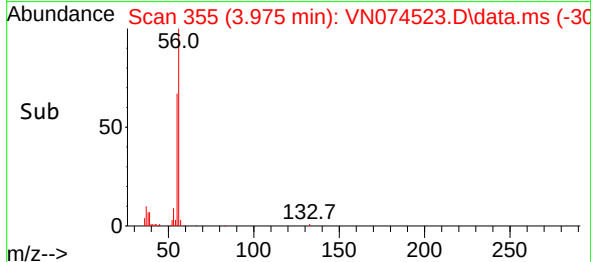
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



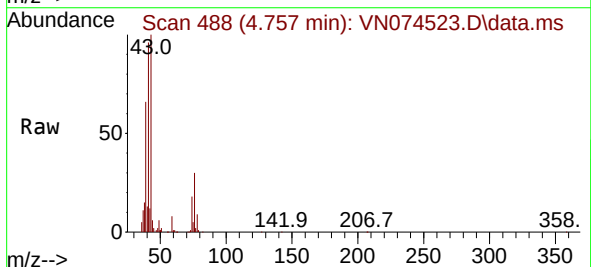
Tgt Ion: 56 Resp: 132617
Ion Ratio Lower Upper
56 100
55 67.4 54.8 82.2

Manual Integrations
APPROVED

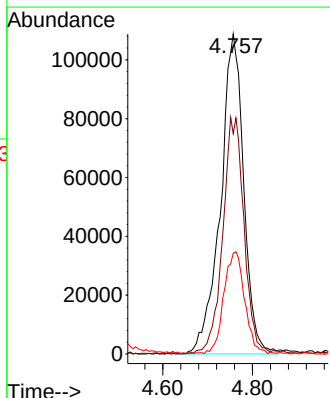
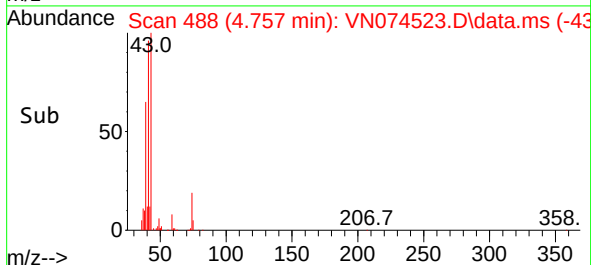
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

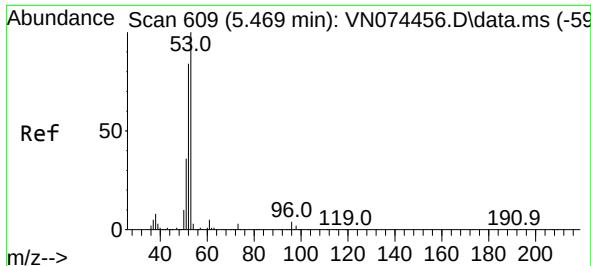


#14
Allyl chloride
Concen: 49.721 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



Tgt Ion: 41 Resp: 392073
Ion Ratio Lower Upper
41 100
39 67.5 53.2 79.8
76 28.2 29.9 44.9





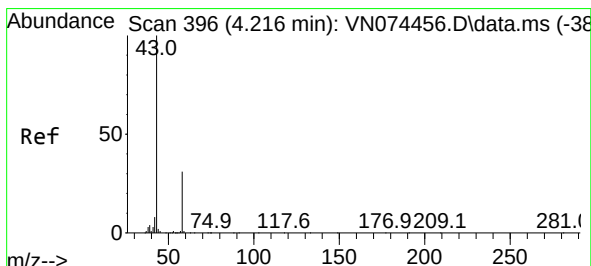
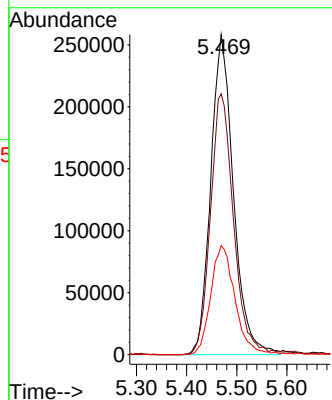
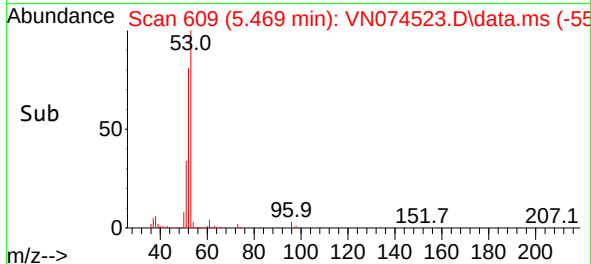
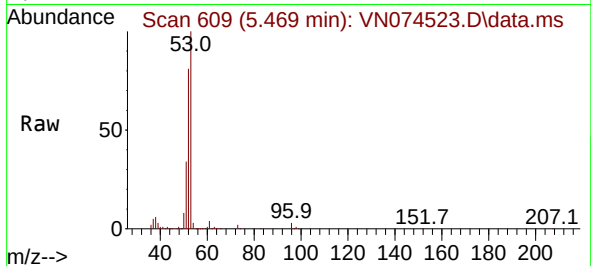
#15
Acrylonitrile
Concen: 260.988 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 81260
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 36.3 28.5 42.7

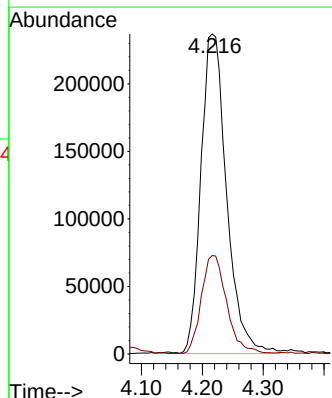
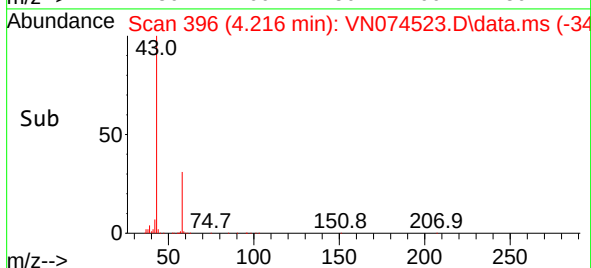
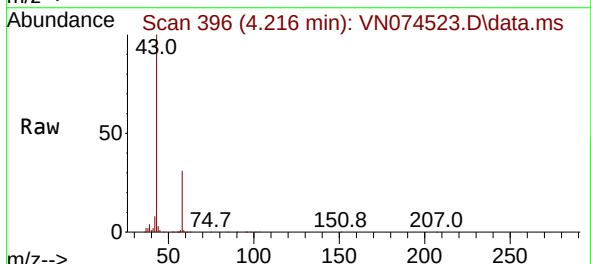
Manual Integrations
APPROVED

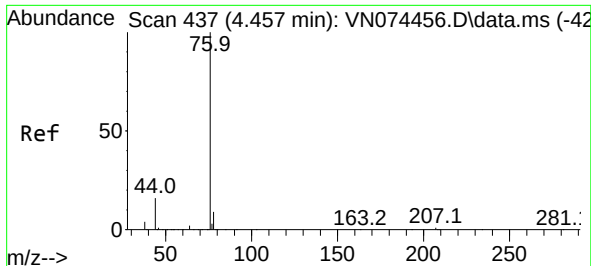
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#16
Acetone
Concen: 254.094 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

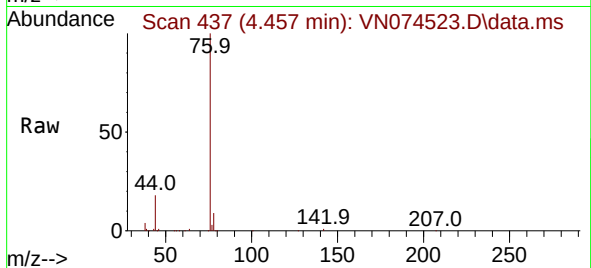
Tgt Ion: 43 Resp: 691743
Ion Ratio Lower Upper
43 100
58 30.4 26.0 39.0





#17
Carbon Disulfide
Concen: 46.238 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

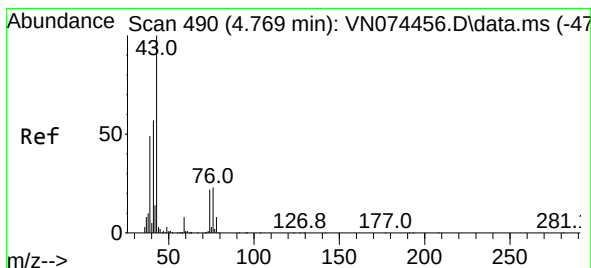
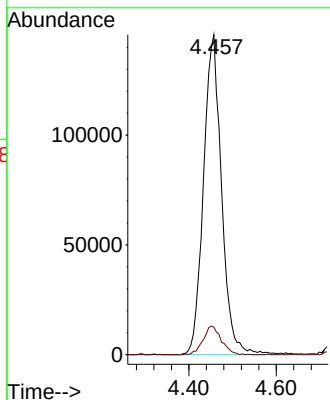
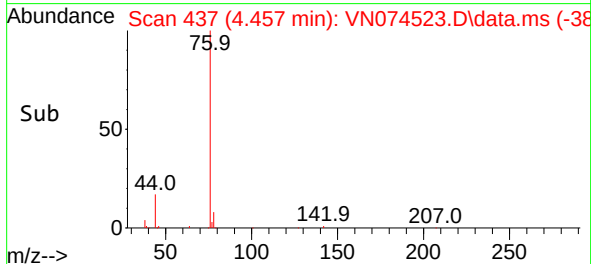
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



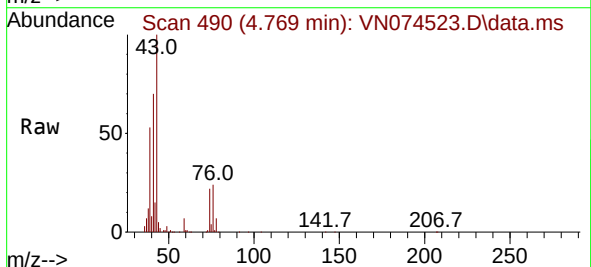
Tgt Ion: 76 Resp: 418700
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

Manual Integrations
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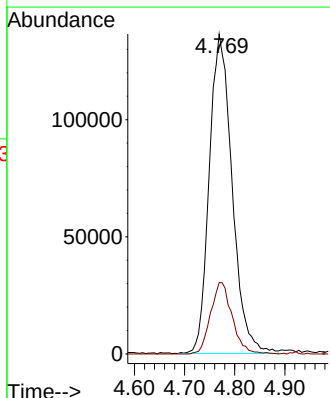
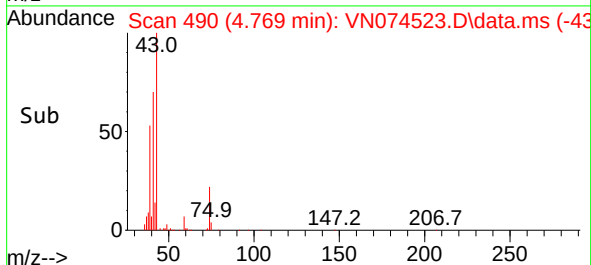
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

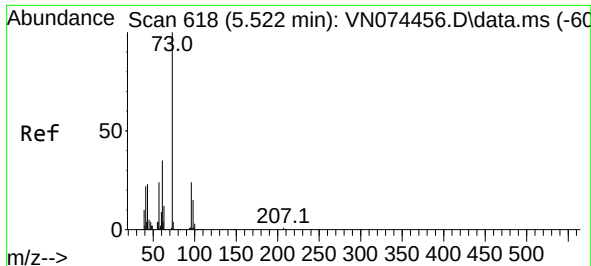


#18
Methyl Acetate
Concen: 51.132 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



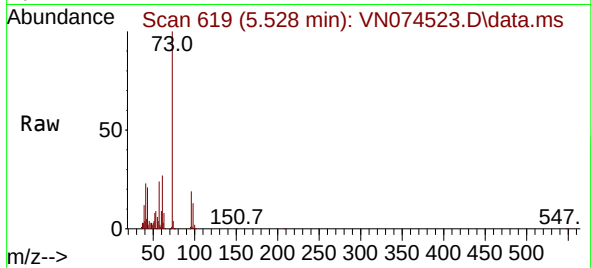
Tgt Ion: 43 Resp: 432359
Ion Ratio Lower Upper
43 100
74 21.1 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 49.930 ug/l
RT: 5.528 min Scan# 618
Delta R.T. 0.006 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

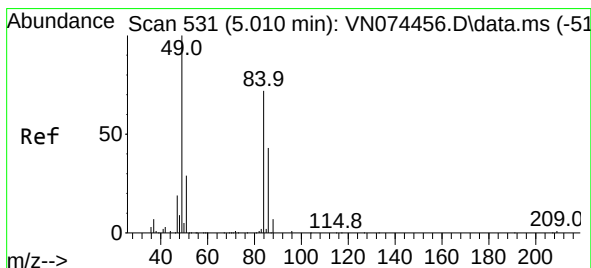
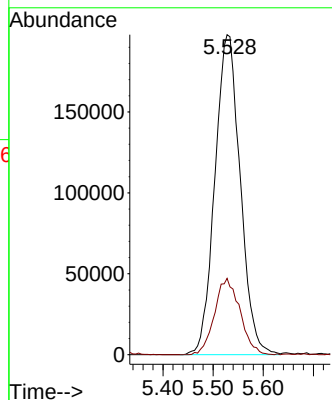
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 694930
Ion Ratio Lower Upper
73 100
57 23.9 17.6 26.4

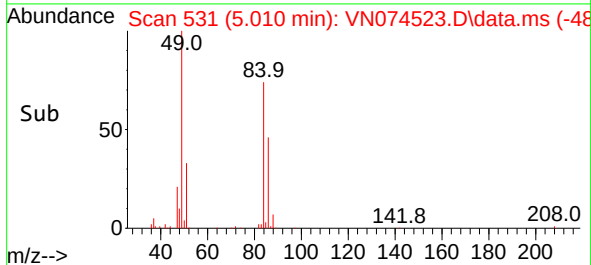
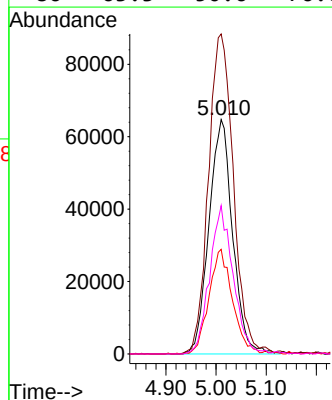
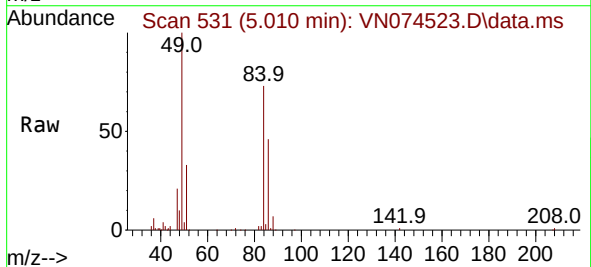
Manual Integrations
APPROVED

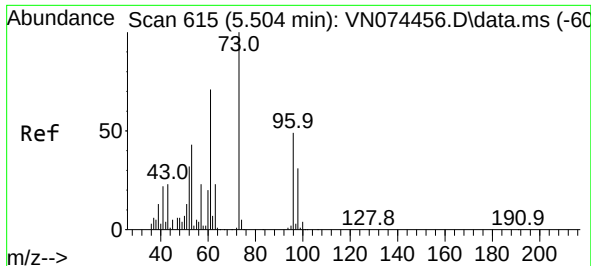
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#20
Methylene Chloride
Concen: 51.199 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

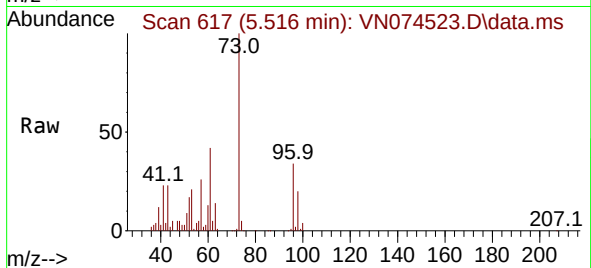
Tgt Ion: 84 Resp: 212802
Ion Ratio Lower Upper
84 100
49 136.5 88.3 132.5#
51 44.6 28.2 42.2#
86 63.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 48.799 ug/l
RT: 5.516 min Scan# 615
Delta R.T. 0.012 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

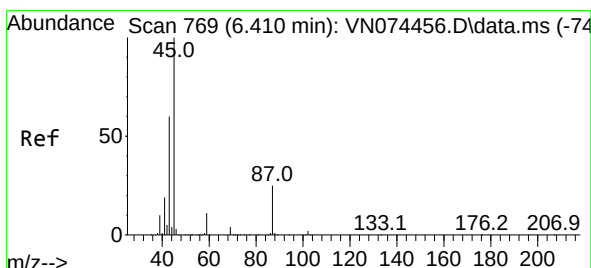
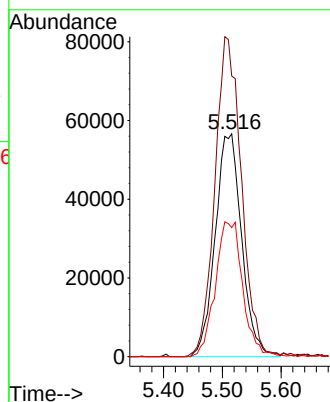
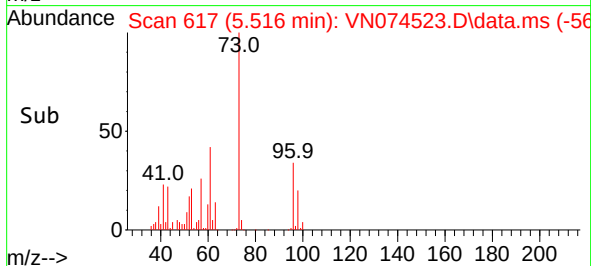
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 176968
Ion Ratio Lower Upper
96 100
61 125.9 105.8 158.8
98 58.0 50.3 75.5

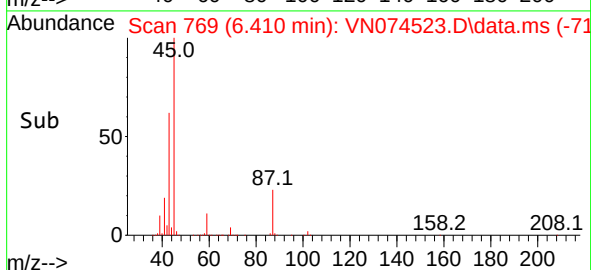
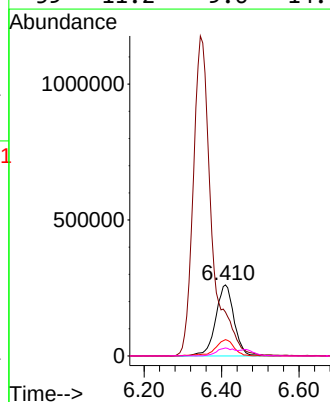
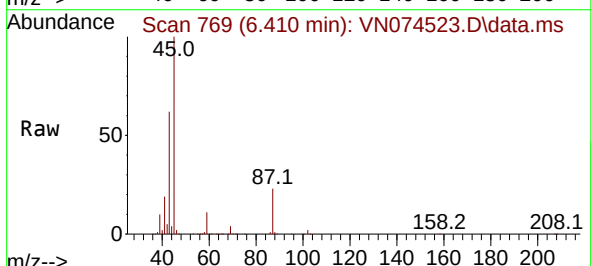
Manual Integrations
APPROVED

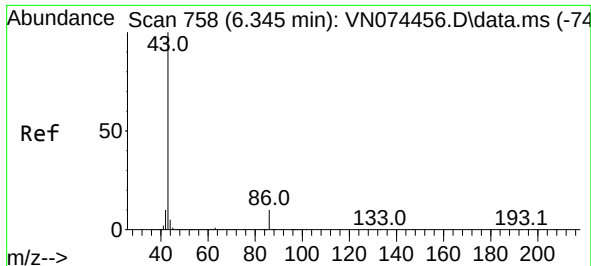
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#22
Diisopropyl ether
Concen: 54.122 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

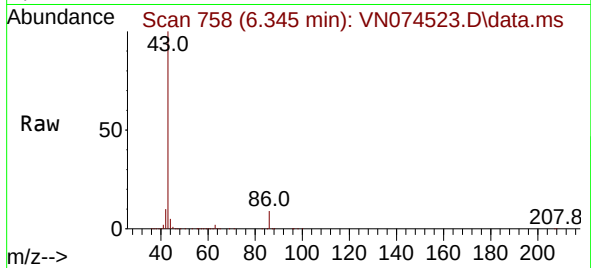
Tgt Ion: 45 Resp: 856979
Ion Ratio Lower Upper
45 100
43 60.7 46.6 70.0
87 23.1 24.3 36.5#
59 11.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 275.450 ug/l
 RT: 6.345 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VN074523.D
 Acq: 16 Sep 2022 20:28

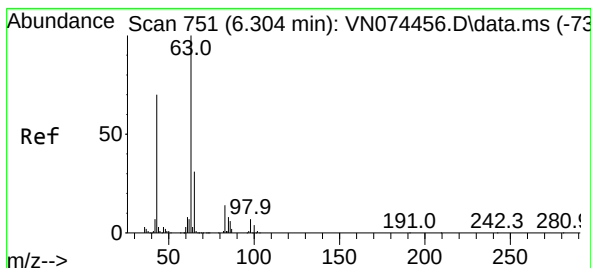
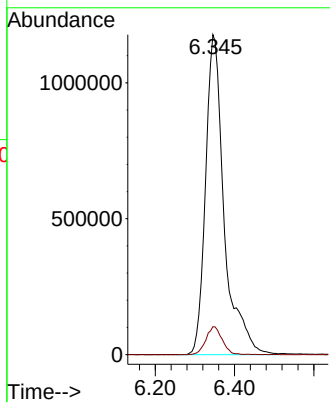
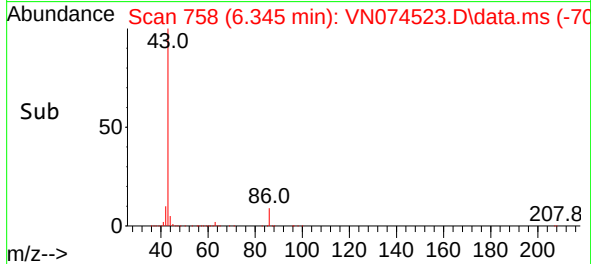
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



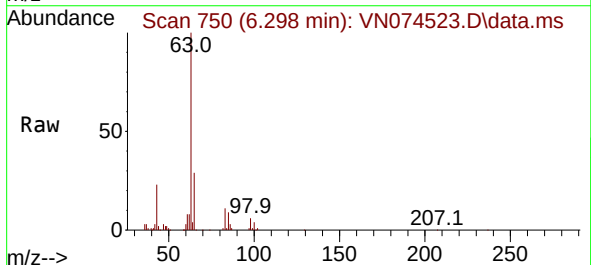
Tgt Ion: 43 Resp: 384688
 Ion Ratio Lower Upper
 43 100
 86 8.8 10.0 15.0

Manual Integrations
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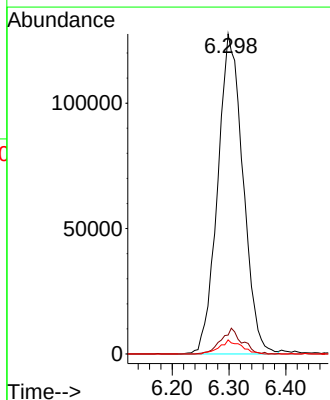
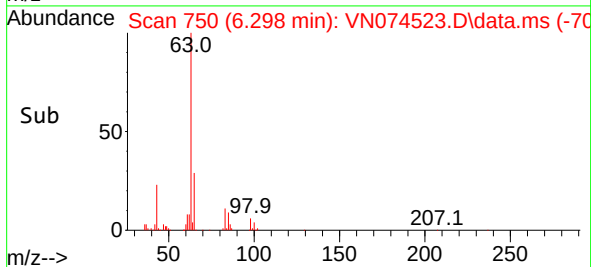
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

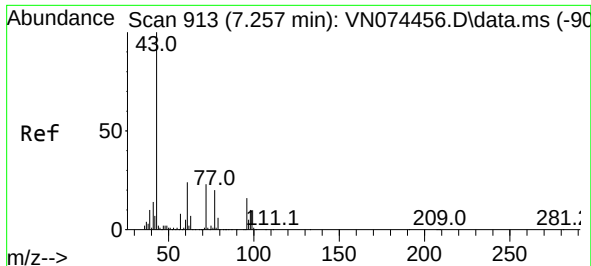


#24
 1,1-Dichloroethane
 Concen: 49.972 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN074523.D
 Acq: 16 Sep 2022 20:28



Tgt Ion: 63 Resp: 395521
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.5 10.4
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 270.895 ug/l

RT: 7.257 min Scan# 913

Delta R.T. 0.000 min

Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 122444

Ion Ratio Lower Upper

43 100

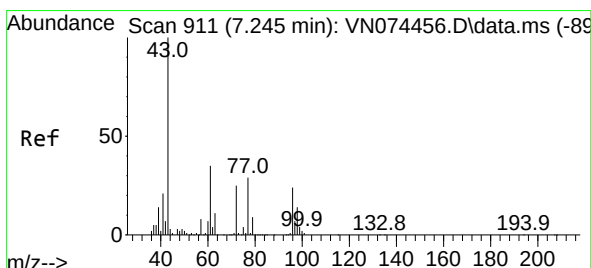
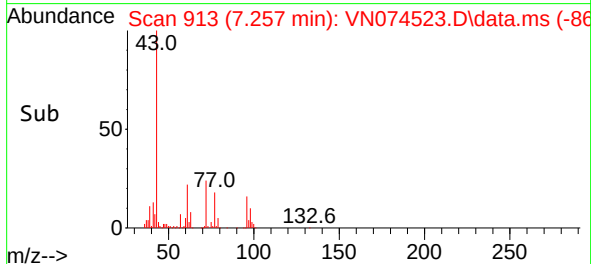
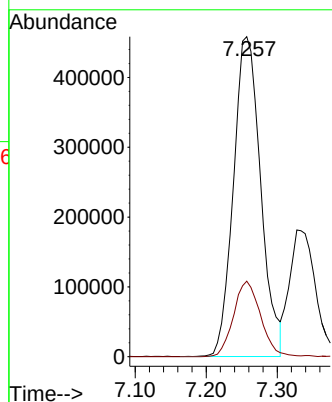
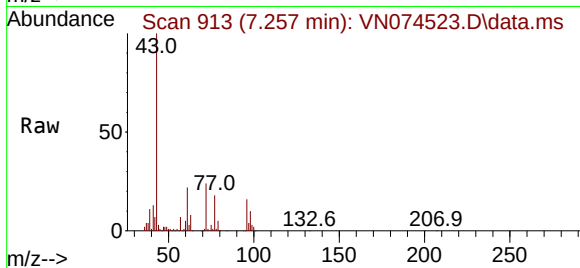
72 23.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#26

2,2-Dichloropropane

Concen: 39.898 ug/l

RT: 7.251 min Scan# 912

Delta R.T. 0.006 min

Lab File: VN074523.D

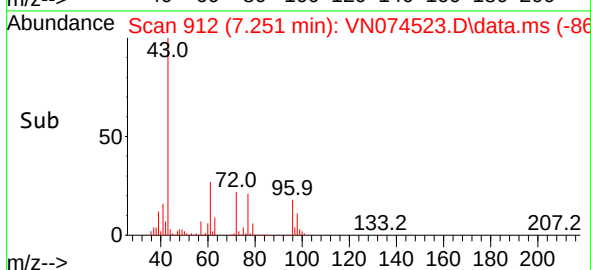
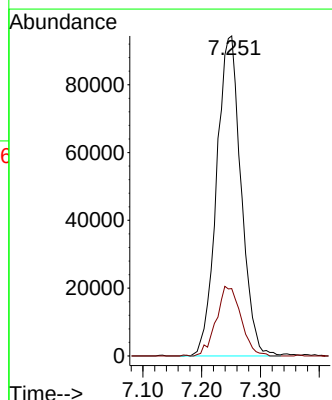
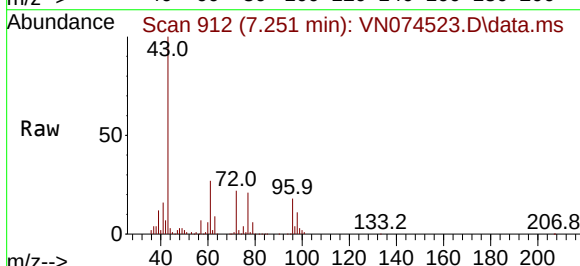
Acq: 16 Sep 2022 20:28

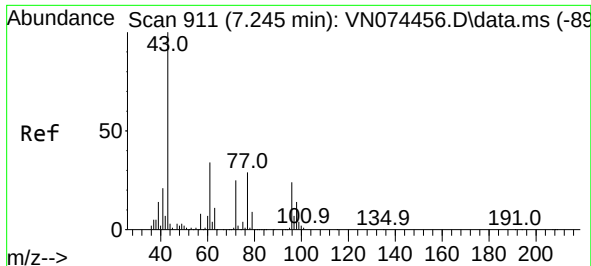
Tgt Ion: 77 Resp: 272255

Ion Ratio Lower Upper

77 100

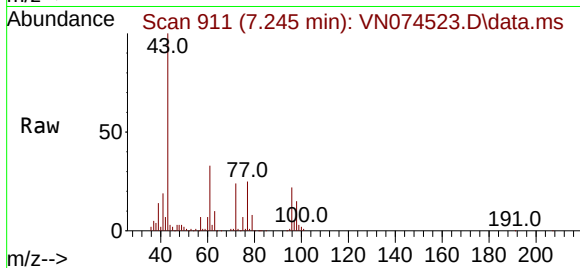
97 21.9 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 47.600 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN074523.D
 Acq: 16 Sep 2022 20:28

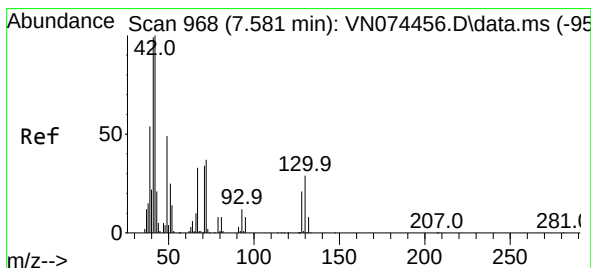
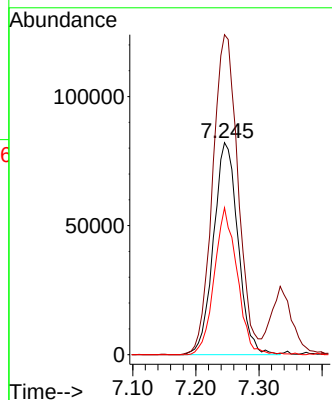
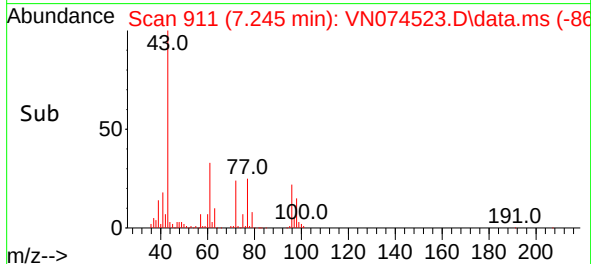
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



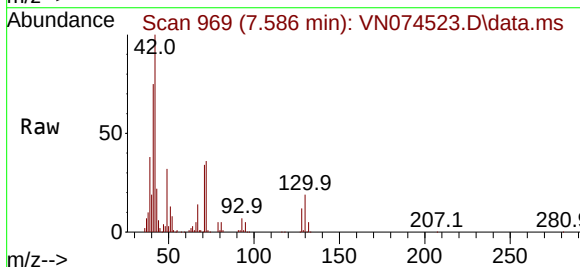
Tgt Ion: 96 Resp: 220990
 Ion Ratio Lower Upper
 96 100
 61 155.9 0.0 280.6
 98 65.0 0.0 128.4

Manual Integrations
 APPROVED

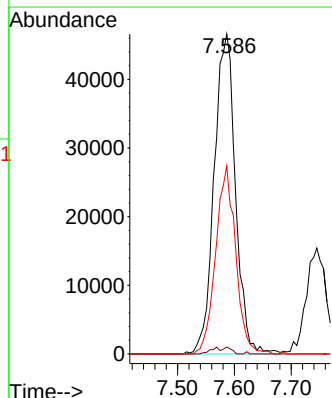
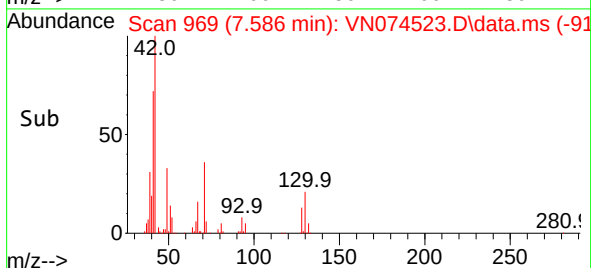
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

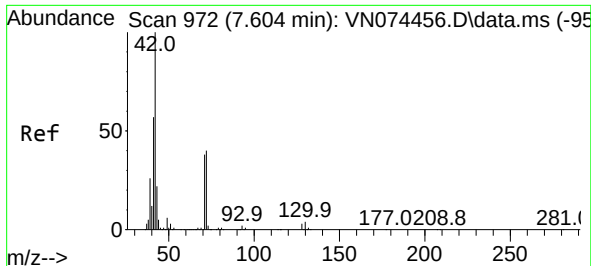


#28
 Bromochloromethane
 Concen: 52.184 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.005 min
 Lab File: VN074523.D
 Acq: 16 Sep 2022 20:28



Tgt Ion: 49 Resp: 121628
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.6
 130 55.0 69.7 104.5#





#29

Tetrahydrofuran

Concen: 274.370 ug/l

RT: 7.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074523.D

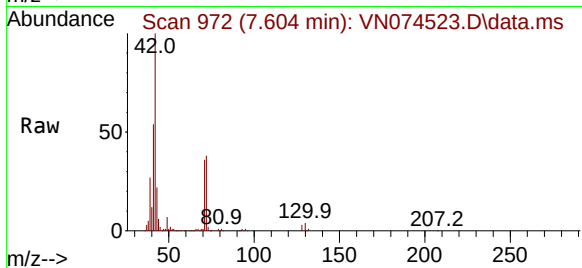
Acq: 16 Sep 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



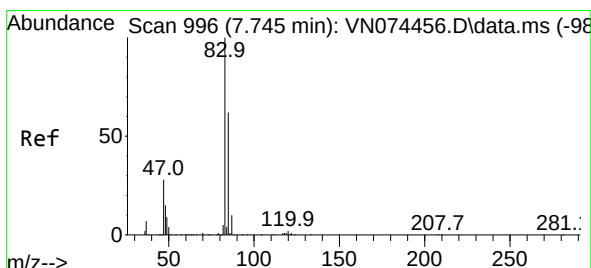
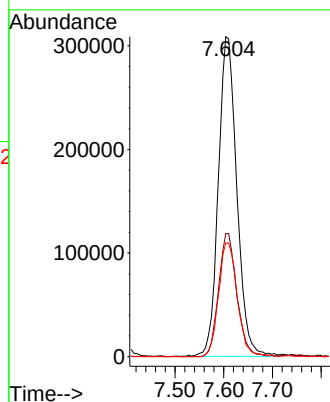
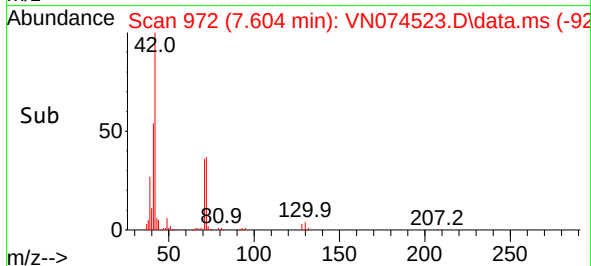
Tgt Ion:	42	Resp:	81538
Ion Ratio	Lower	Upper	
42	100		
72	37.9	39.7	59.5
71	36.1	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#30

Chloroform

Concen: 51.921 ug/l

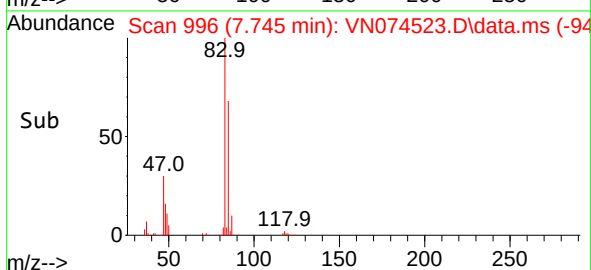
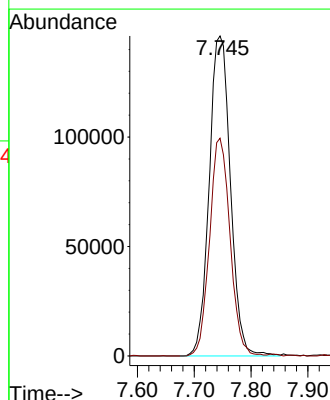
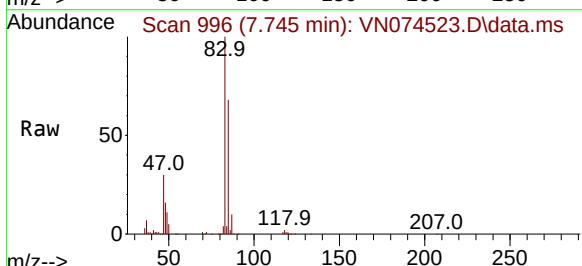
RT: 7.745 min Scan# 996

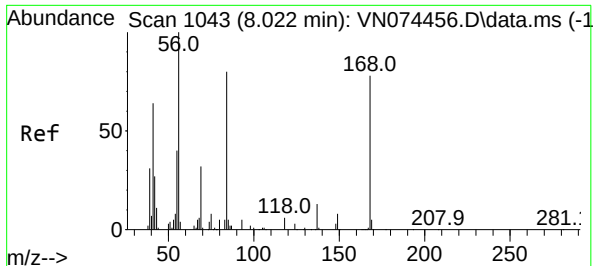
Delta R.T. 0.000 min

Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

Tgt Ion:	83	Resp:	379302
Ion Ratio	Lower	Upper	
83	100		
85	68.1	51.8	77.8





#31

Cyclohexane

Concen: 47.232 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 356674

Ion Ratio Lower Upper

56 100

69 30.6 27.8 41.8

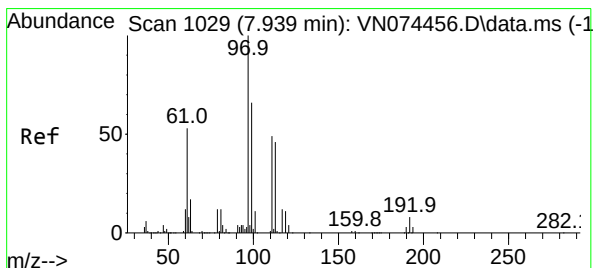
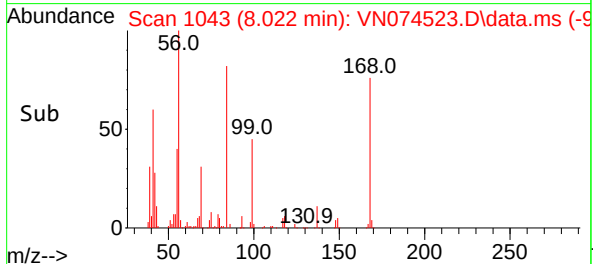
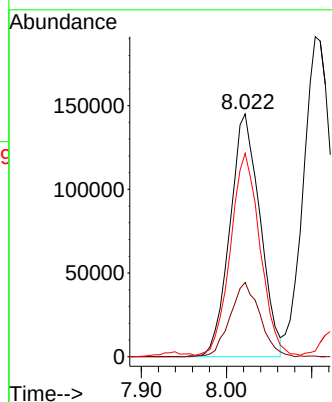
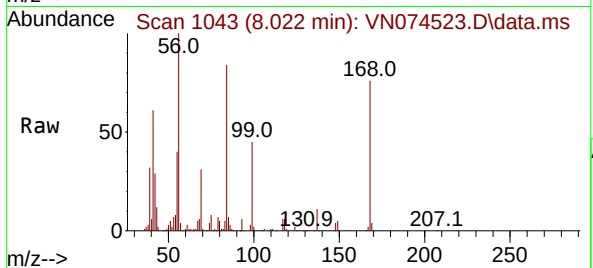
84 82.7 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#32

1,1,1-Trichloroethane

Concen: 48.539 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

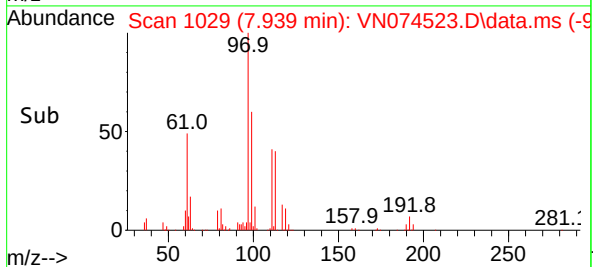
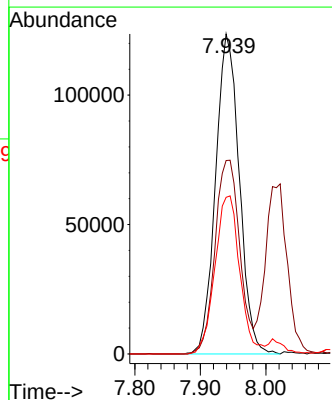
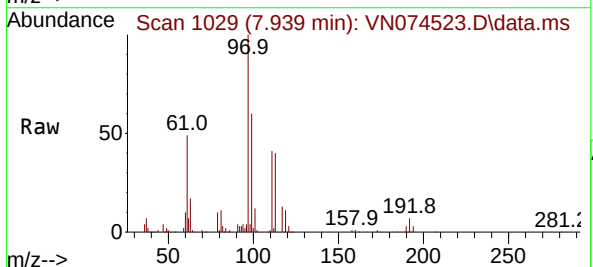
Tgt Ion: 97 Resp: 310998

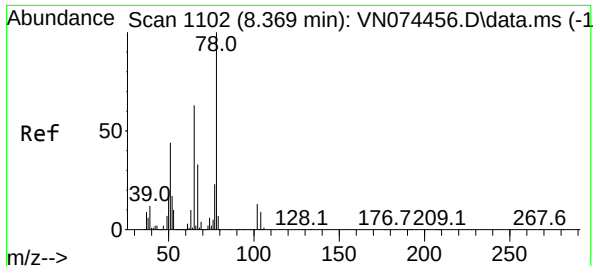
Ion Ratio Lower Upper

97 100

99 63.1 50.6 76.0

61 51.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.947 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 212490

Ion Ratio Lower Upper

65 100

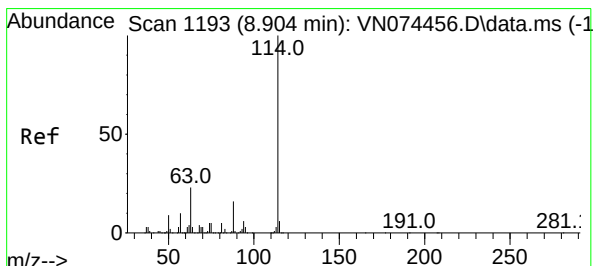
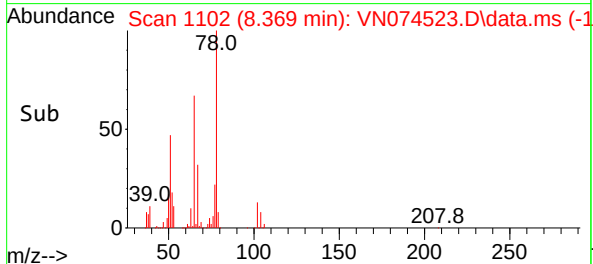
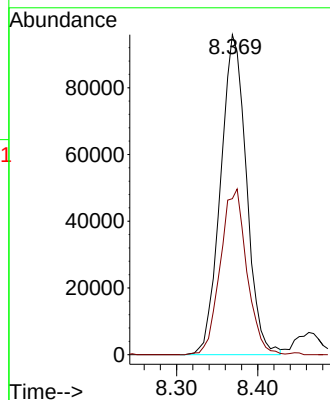
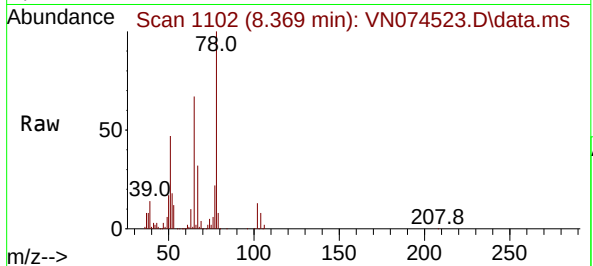
67 52.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

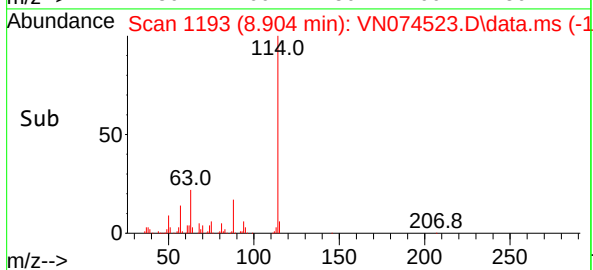
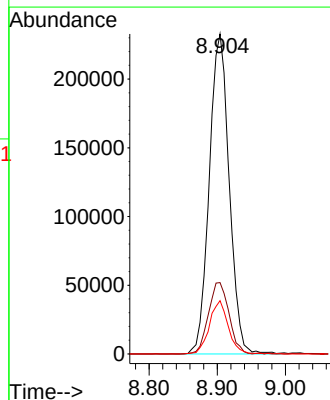
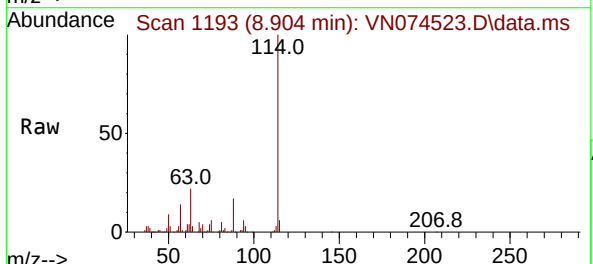
Tgt Ion:114 Resp: 473774

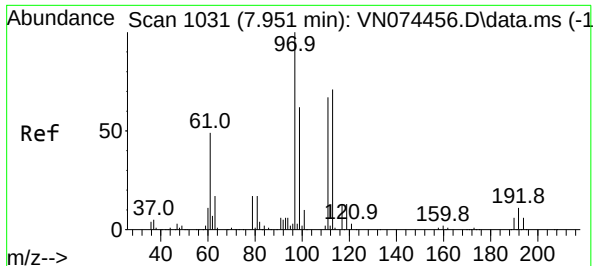
Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

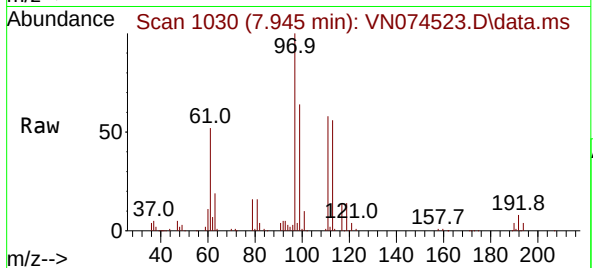
88 16.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.165 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

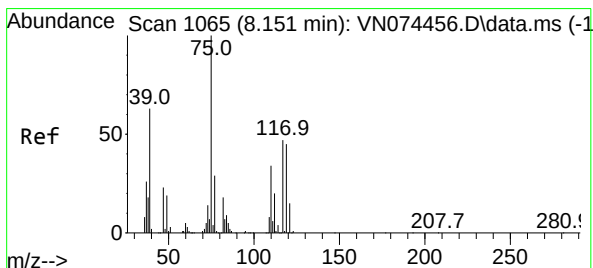
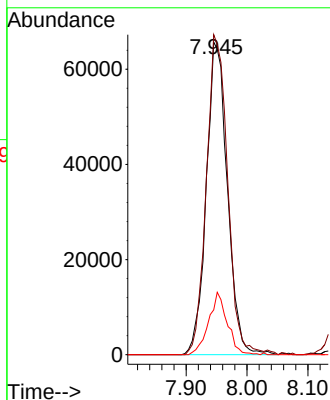
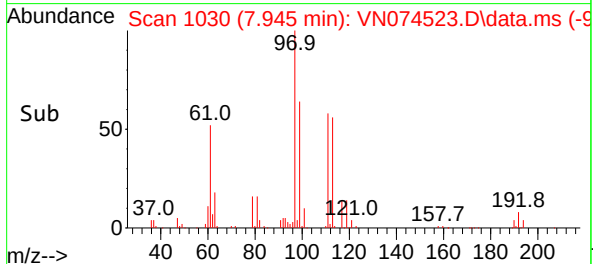
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



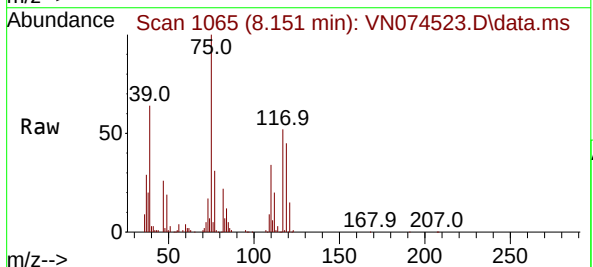
Tgt Ion: 113 Resp: 157878
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 17.6 17.0 25.6

Manual Integrations
APPROVED

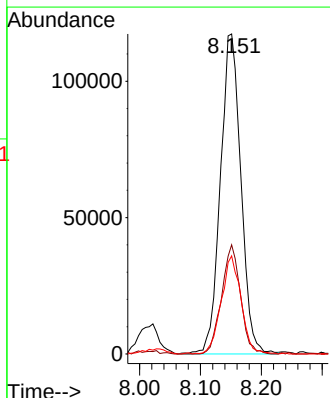
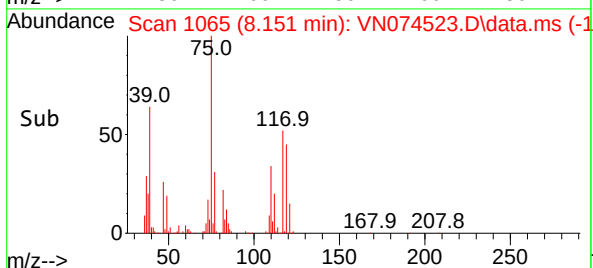
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

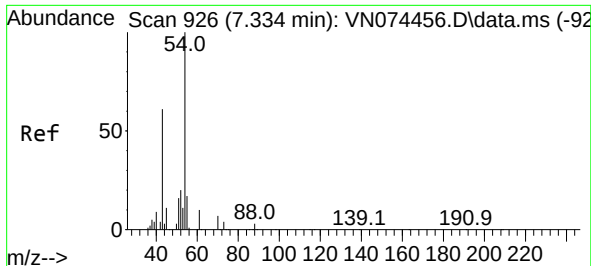


#36
1,1-Dichloropropene
Concen: 49.394 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



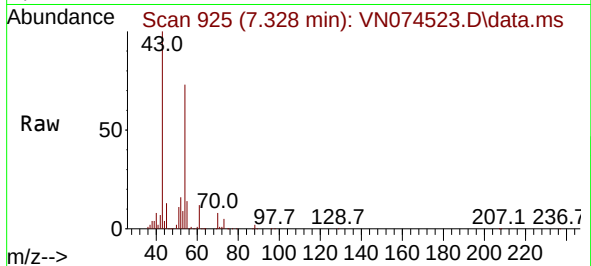
Tgt Ion: 75 Resp: 275157
Ion Ratio Lower Upper
75 100
110 31.3 18.3 54.8
77 29.6 25.1 37.7





#37
Ethyl Acetate
Concen: 53.918 ug/l
RT: 7.328 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

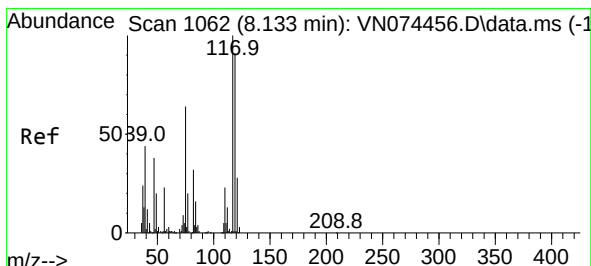
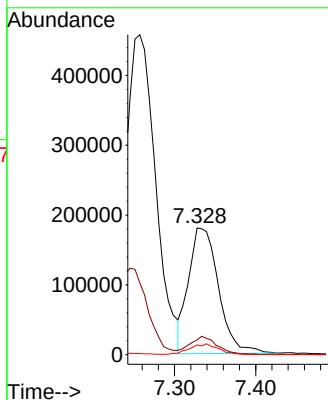
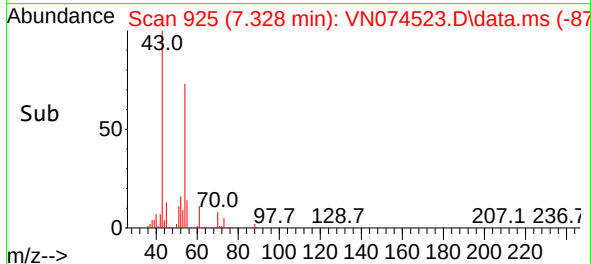
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 46385
Ion Ratio Lower Upper
43 100
61 13.1 11.8 17.6
70 8.2 9.3 13.9

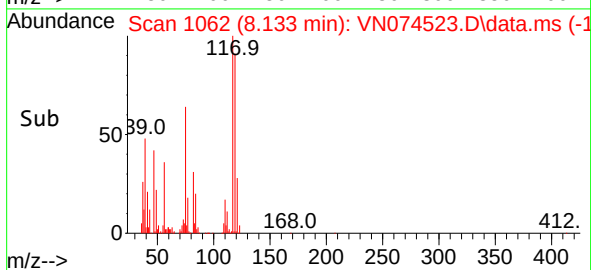
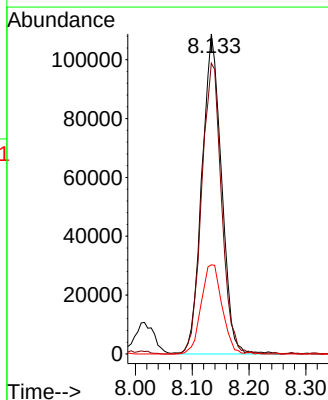
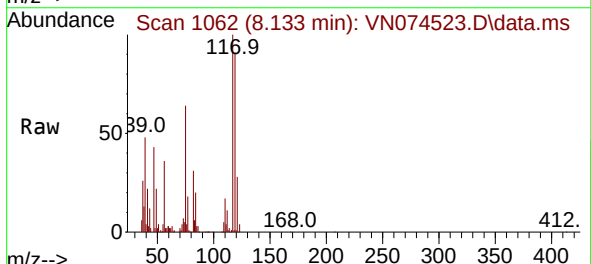
Manual Integrations
APPROVED

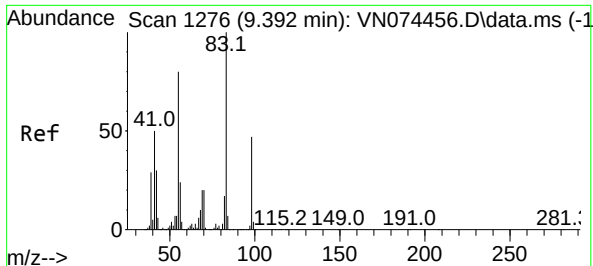
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#38
Carbon Tetrachloride
Concen: 50.639 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

Tgt Ion:117 Resp: 260451
Ion Ratio Lower Upper
117 100
119 90.6 75.8 113.8
121 27.8 24.6 37.0





#39

Methylcyclohexane

Concen: 50.103 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074523.D

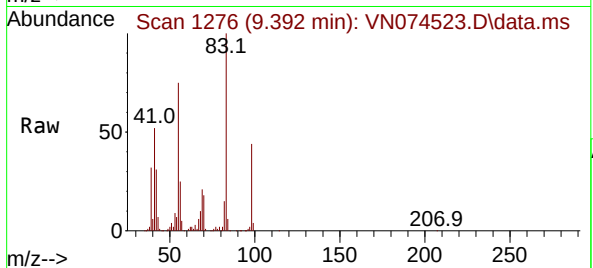
Acq: 16 Sep 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



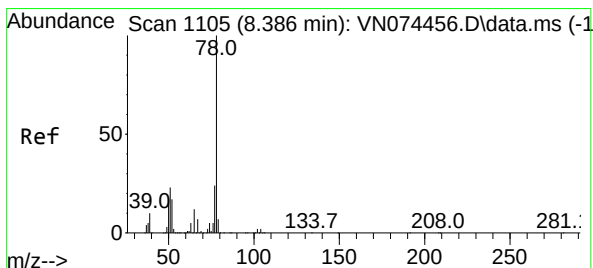
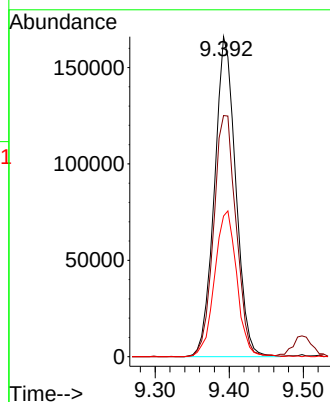
Tgt Ion:	83	Resp:	33188
Ion Ratio	Lower	Upper	
83	100		
55	75.4	57.8	86.8
98	44.0	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#40

Benzene

Concen: 51.248 ug/l

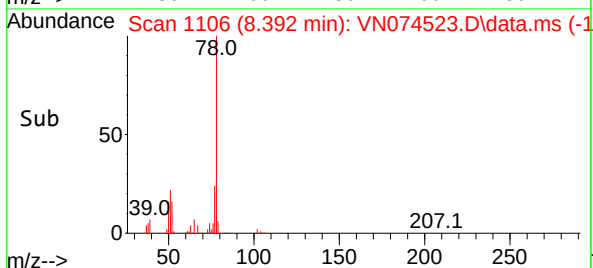
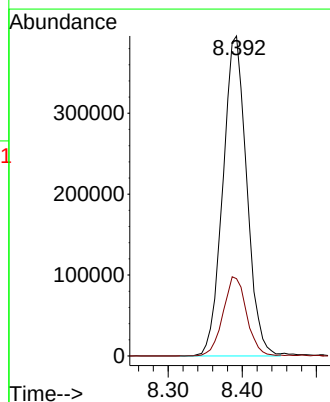
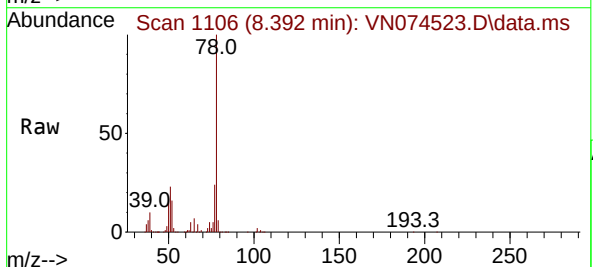
RT: 8.392 min Scan# 1106

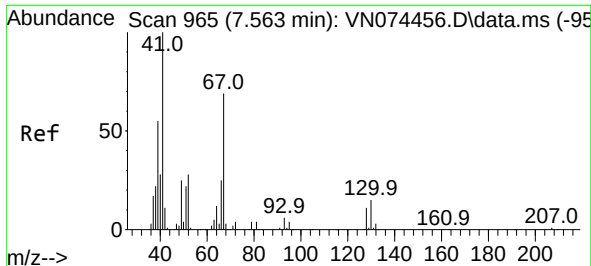
Delta R.T. 0.006 min

Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

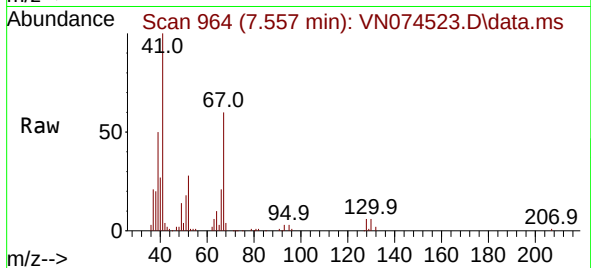
Tgt Ion:	78	Resp:	882793
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.4	29.0





#41
Methacrylonitrile
Concen: 52.160 ug/l
RT: 7.557 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

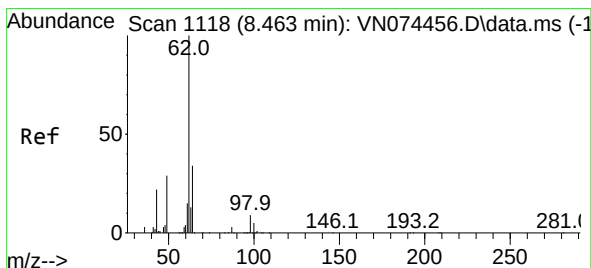
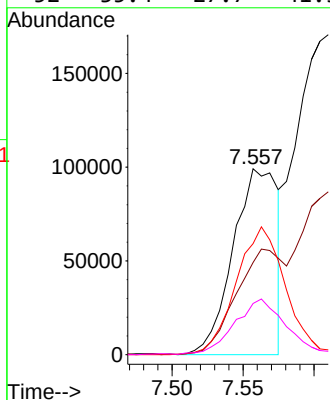
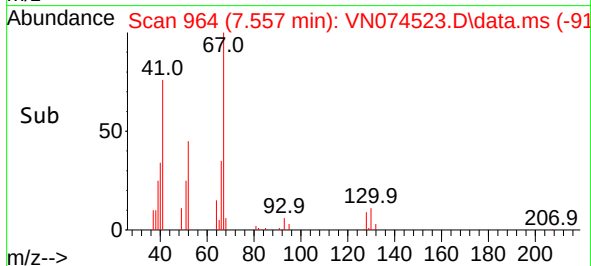
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



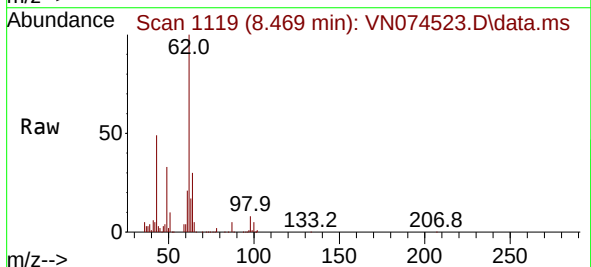
Tgt Ion: 41 Resp: 216944
Ion Ratio Lower Upper
41 100
39 61.7 48.6 73.0
67 76.1 73.4 110.2
52 35.4 27.7 41.5

Manual Integrations
APPROVED

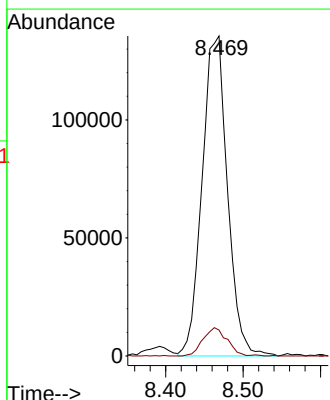
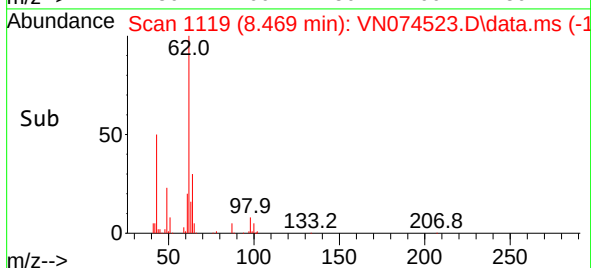
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

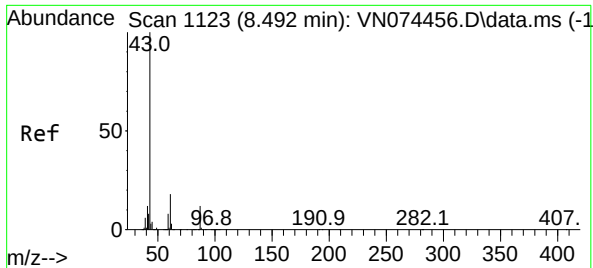


#42
1,2-Dichloroethane
Concen: 52.245 ug/l
RT: 8.469 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



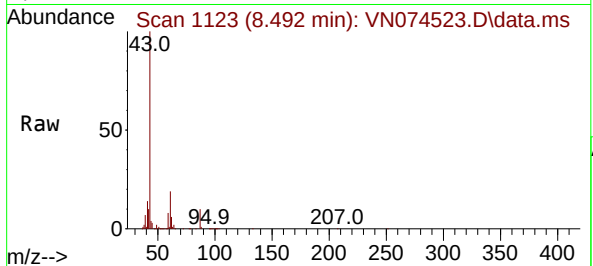
Tgt Ion: 62 Resp: 308842
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 54.146 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

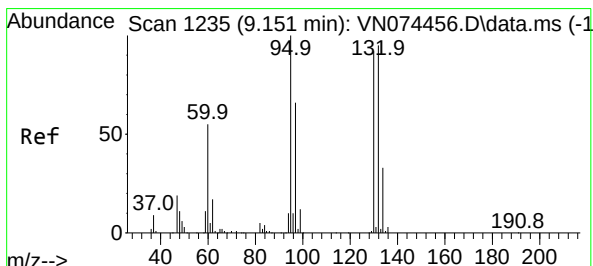
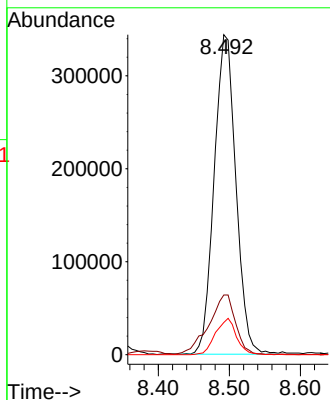
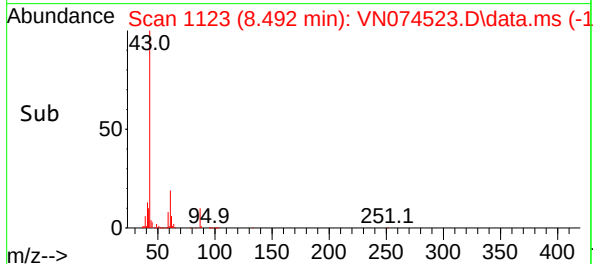
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 729645
Ion Ratio Lower Upper
43 100
61 22.8 21.9 32.9
87 10.9 12.0 18.0

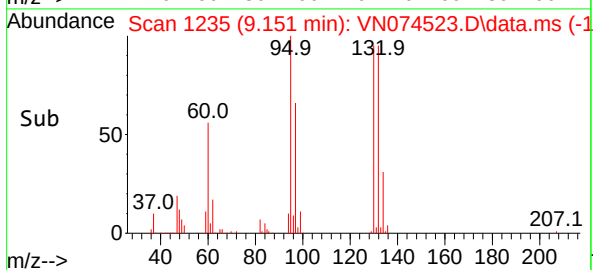
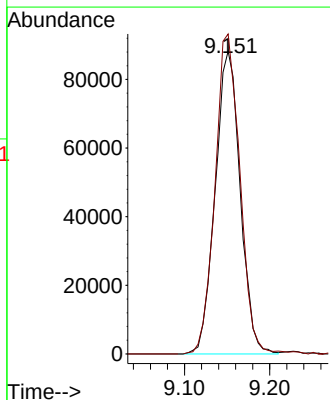
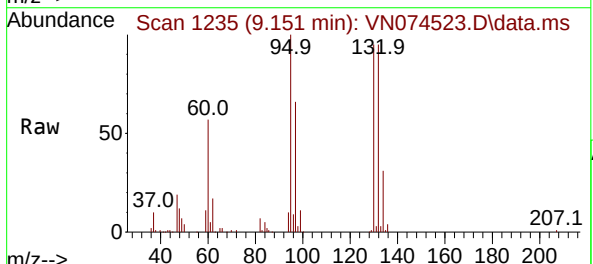
Manual Integrations
APPROVED

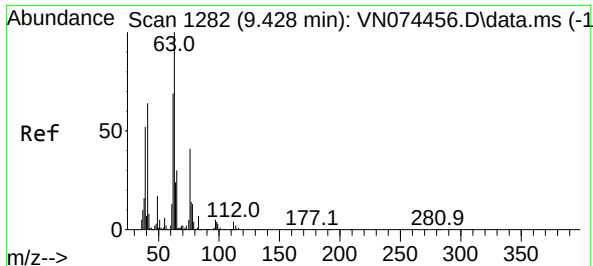
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#44
Trichloroethene
Concen: 48.185 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

Tgt Ion:130 Resp: 179606
Ion Ratio Lower Upper
130 100
95 105.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 51.702 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.001 min

Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 244762

Ion Ratio Lower Upper

63 100

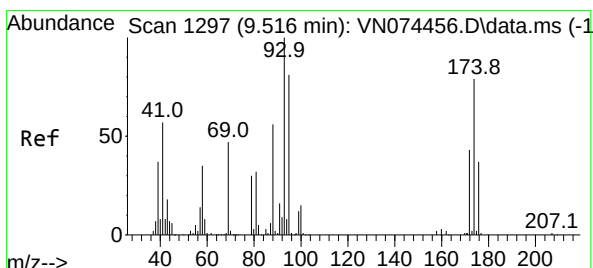
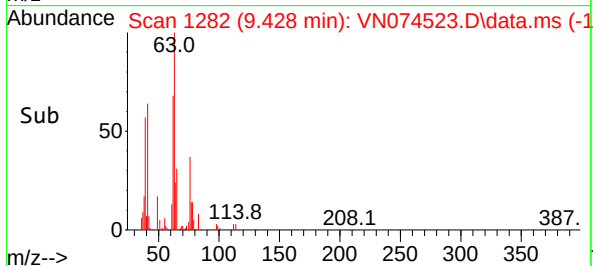
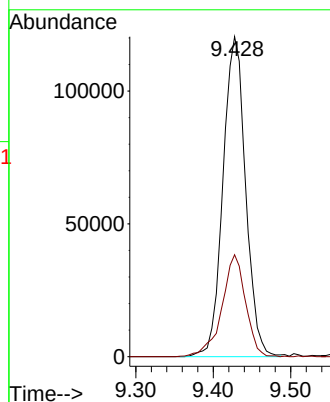
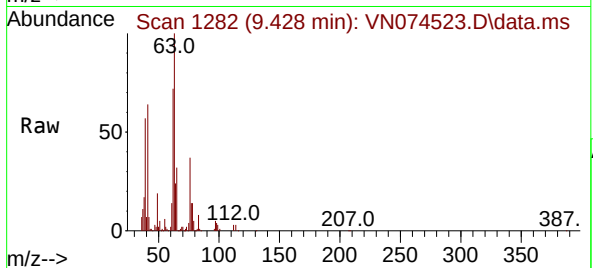
65 31.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#46

Dibromomethane

Concen: 50.618 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

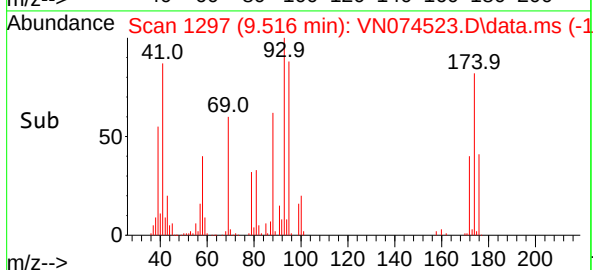
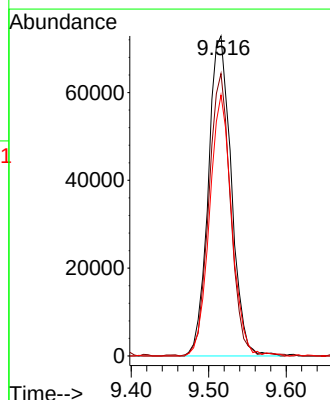
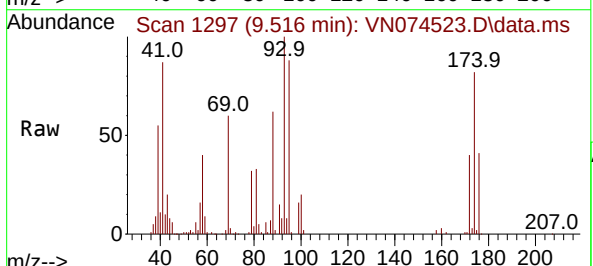
Tgt Ion: 93 Resp: 150082

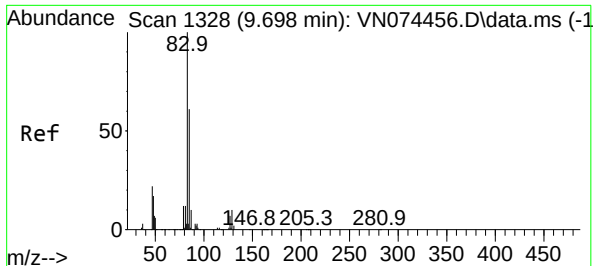
Ion Ratio Lower Upper

93 100

95 83.3 66.9 100.3

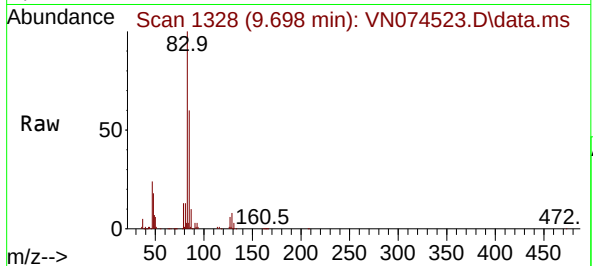
174 78.9 86.6 130.0#





#47
Bromodichloromethane
Concen: 52.368 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

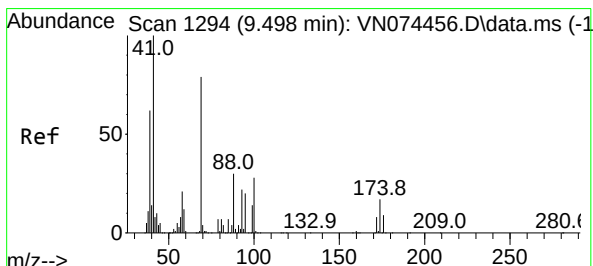
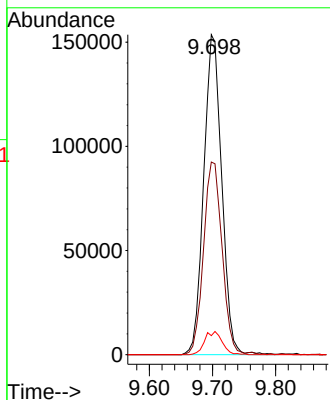
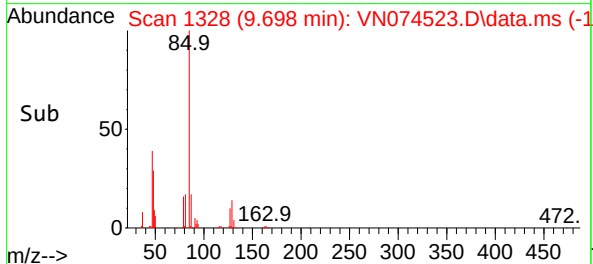
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



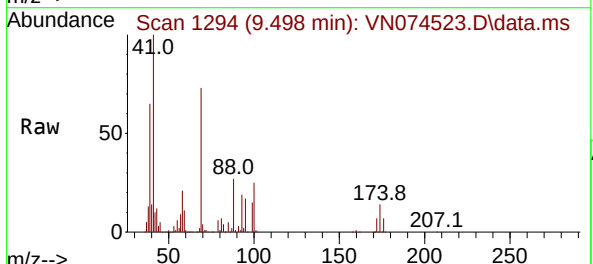
Tgt Ion: 83 Resp: 304414
Ion Ratio Lower Upper
83 100
85 60.2 50.5 75.7
127 6.0 6.8 10.2

Manual Integrations
APPROVED

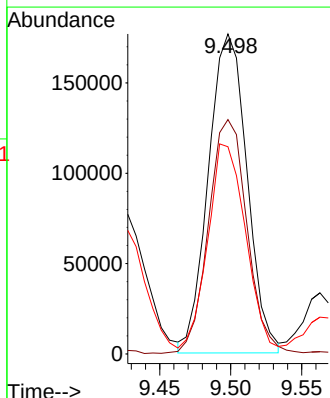
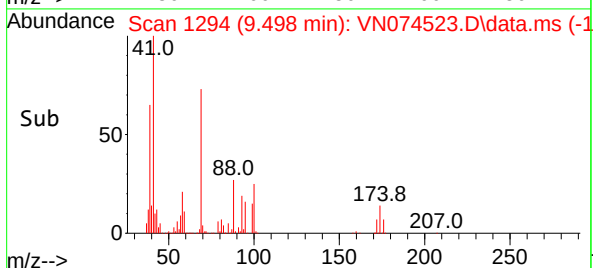
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

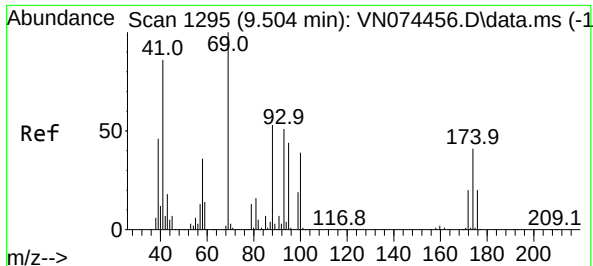


#48
Methyl methacrylate
Concen: 55.909 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



Tgt Ion: 41 Resp: 334064
Ion Ratio Lower Upper
41 100
69 72.9 74.7 112.1#
39 65.0 45.6 68.4





#49

1,4-Dioxane

Concen: 1011.324 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 116178

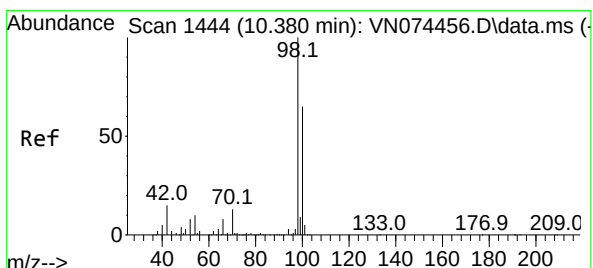
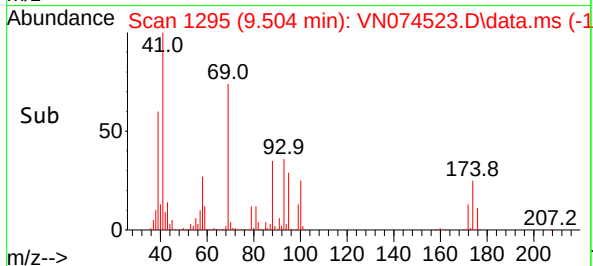
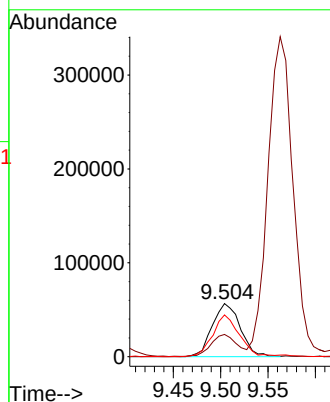
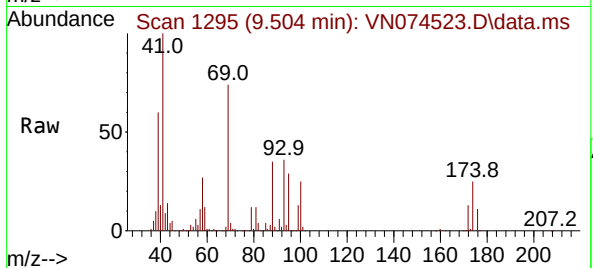
Ion	Ratio	Lower	Upper
88	100		
43	38.2	20.2	30.4
58	74.8	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#50

Toluene-d8

Concen: 50.040 ug/l

RT: 10.380 min Scan# 1444

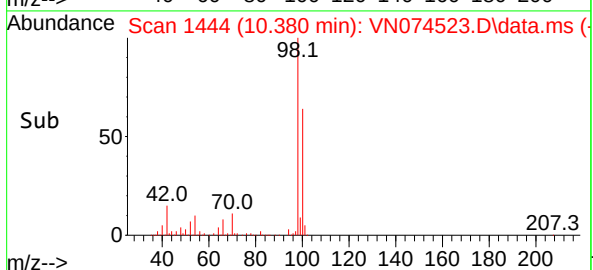
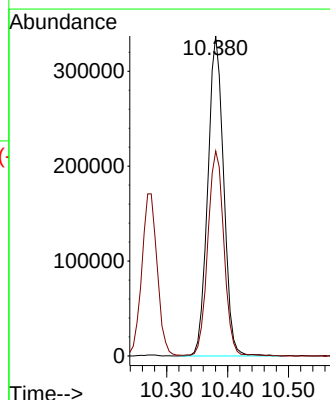
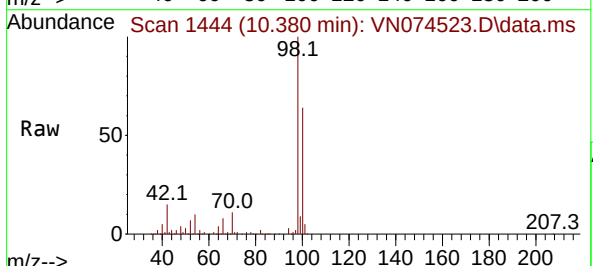
Delta R.T. 0.000 min

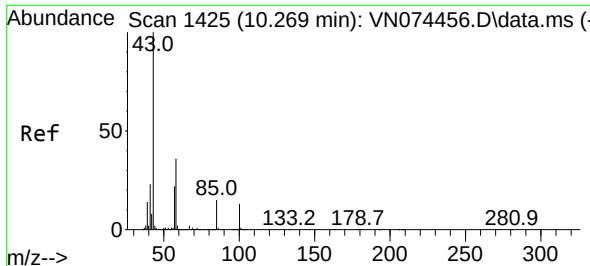
Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

Tgt Ion: 98 Resp: 609057

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.6	78.8





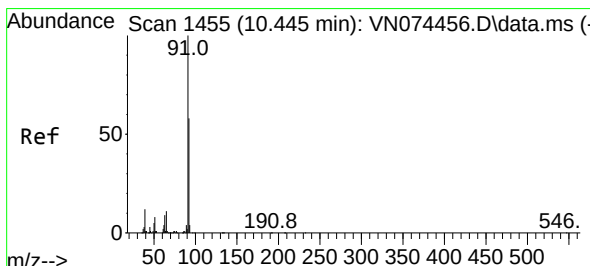
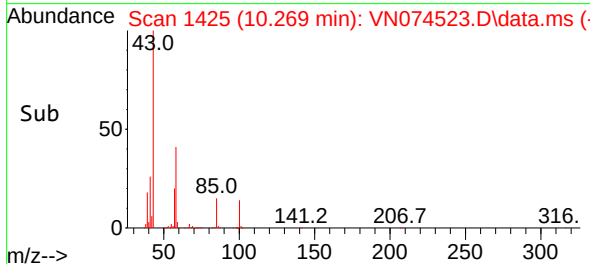
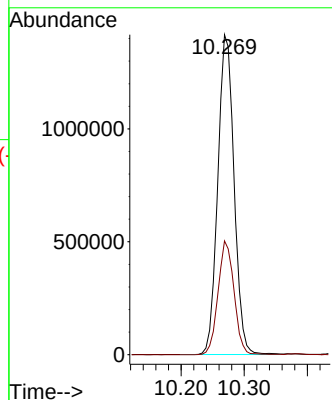
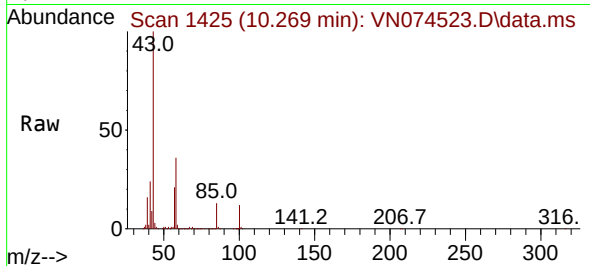
#51
4-Methyl-2-Pentanone
Concen: 288.621 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2539814
Ion Ratio Lower Upper
43 100
58 34.9 34.1 51.1

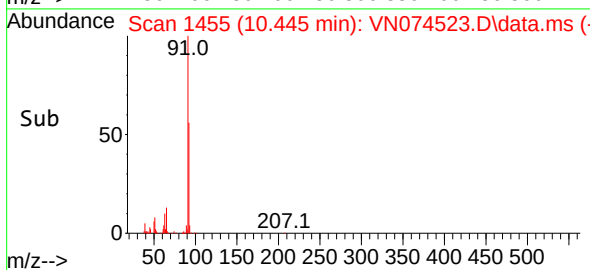
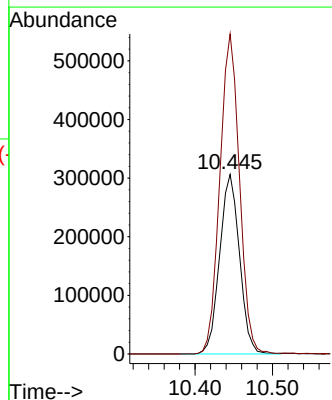
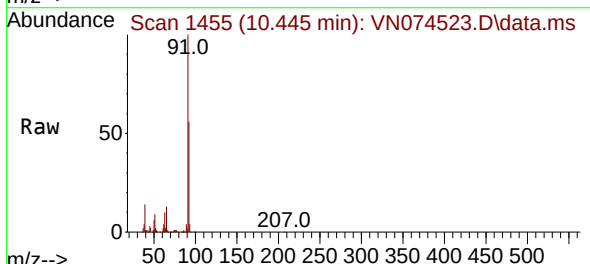
Manual Integrations
APPROVED

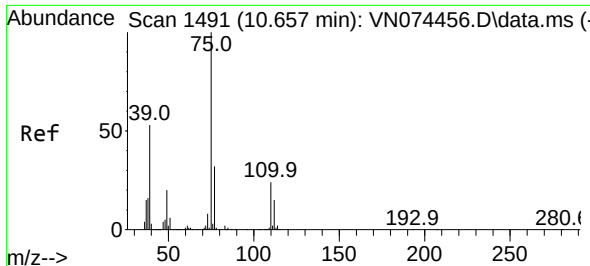
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#52
Toluene
Concen: 53.865 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

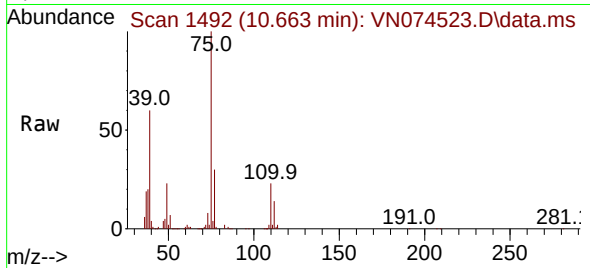
Tgt Ion: 92 Resp: 544108
Ion Ratio Lower Upper
92 100
91 176.7 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 51.038 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

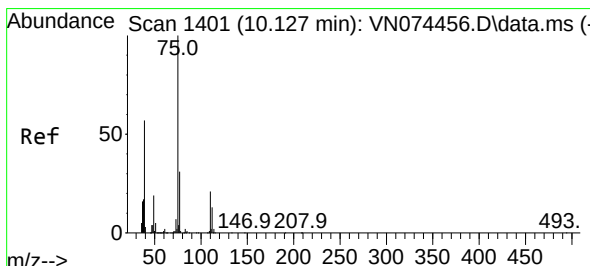
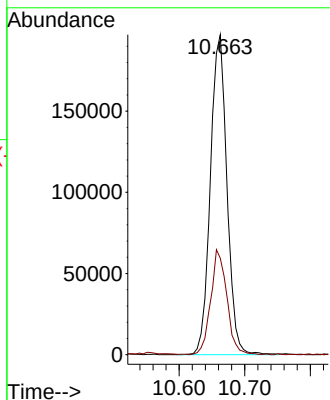
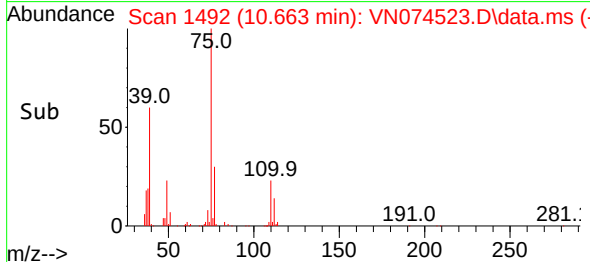
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 345779
Ion Ratio Lower Upper
75 100
77 30.1 25.6 38.4

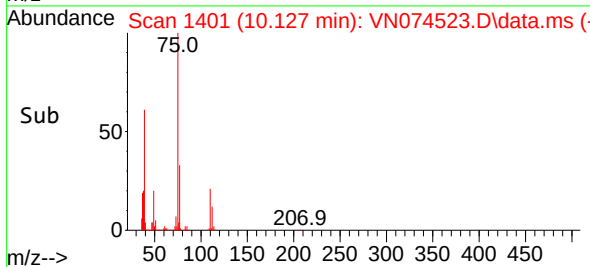
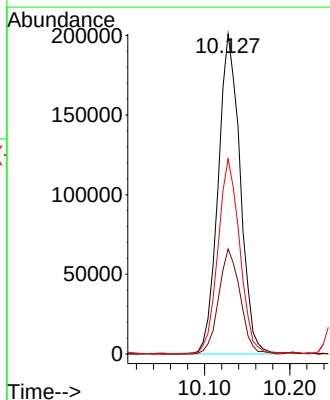
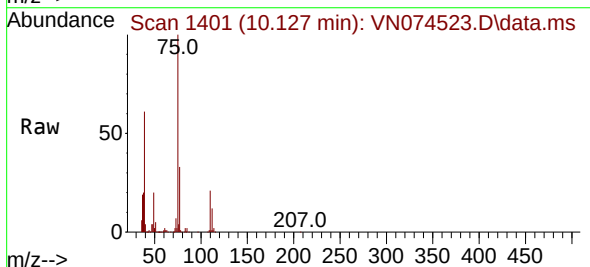
Manual Integrations
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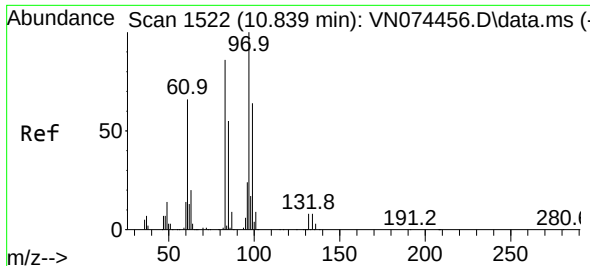
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#54
cis-1,3-Dichloropropene
Concen: 49.804 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

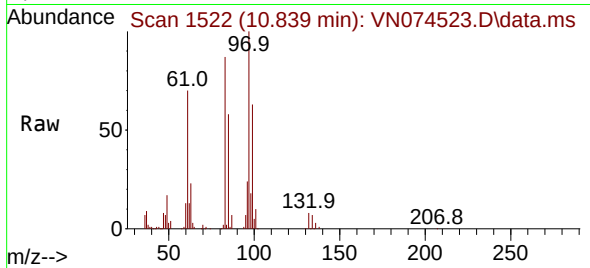
Tgt Ion: 75 Resp: 361091
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8
39 60.8 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 50.961 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

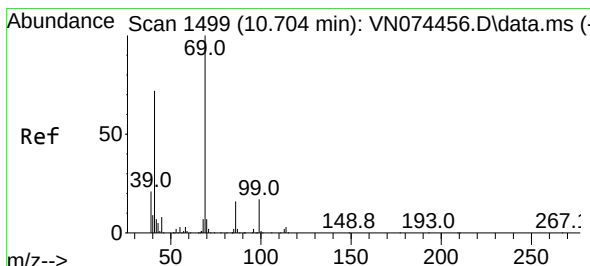
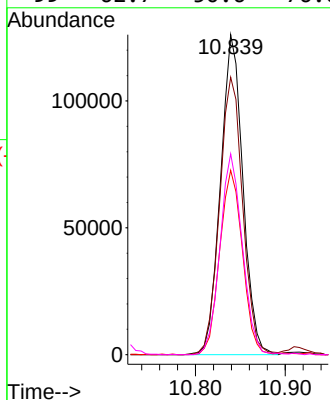
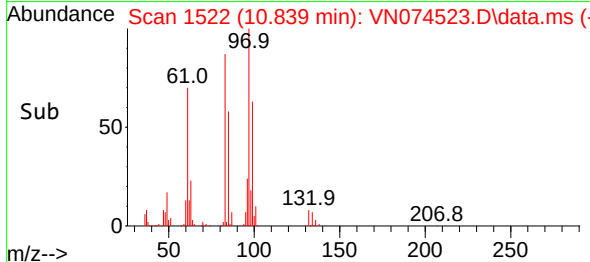


Tgt Ion: 97 Resp: 218040

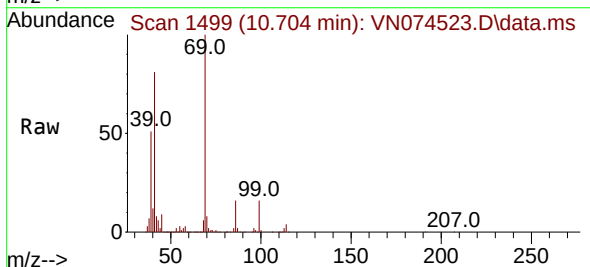
Ion	Ratio	Lower	Upper
97	100		
83	86.7	66.2	99.4
85	57.6	43.9	65.9
99	62.7	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

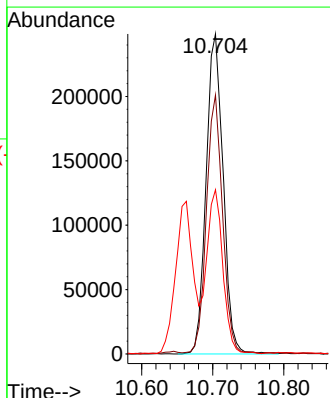
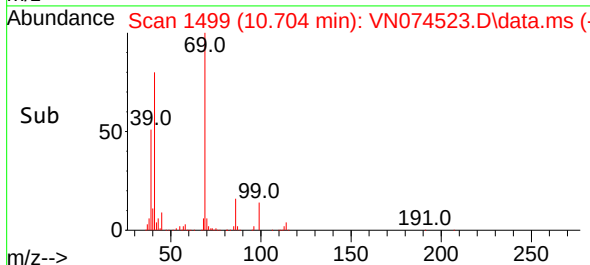


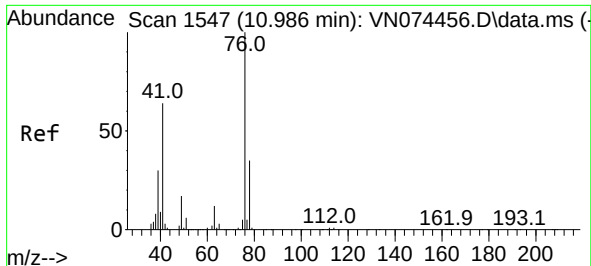
#56
Ethyl methacrylate
Concen: 54.156 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



Tgt Ion: 69 Resp: 413913

Ion	Ratio	Lower	Upper
69	100		
41	76.6	47.8	71.6#
39	48.8	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 54.909 ug/l

RT: 10.986 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 411924

Ion Ratio Lower Upper

76 100

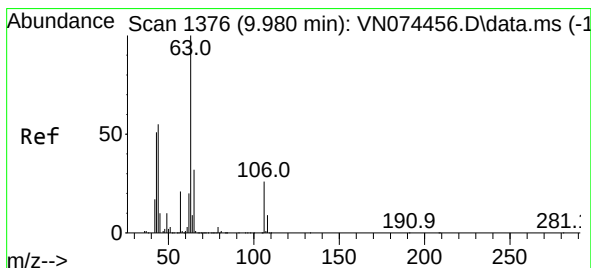
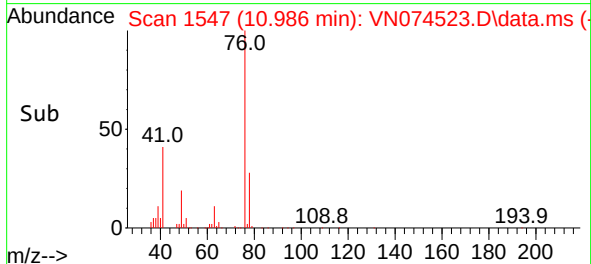
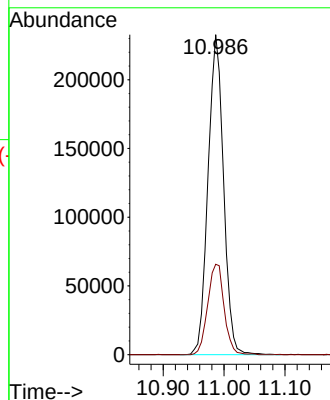
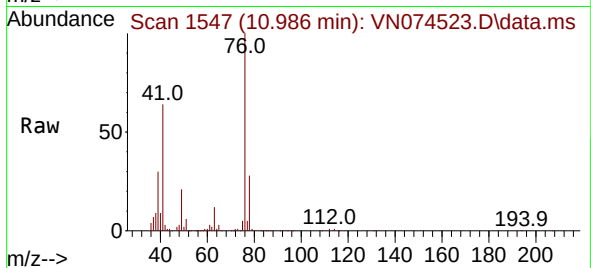
78 29.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 260.208 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074523.D

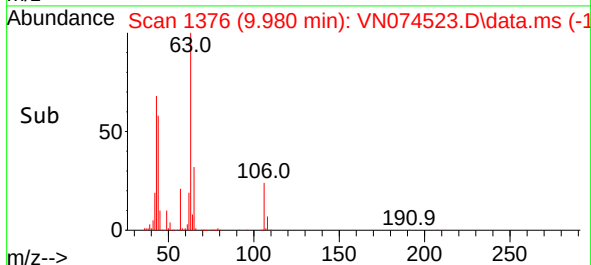
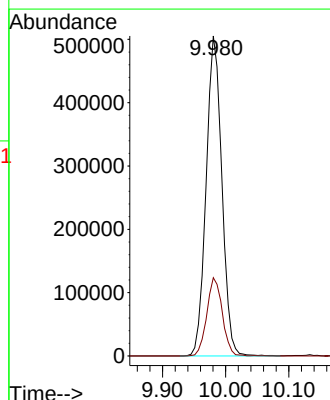
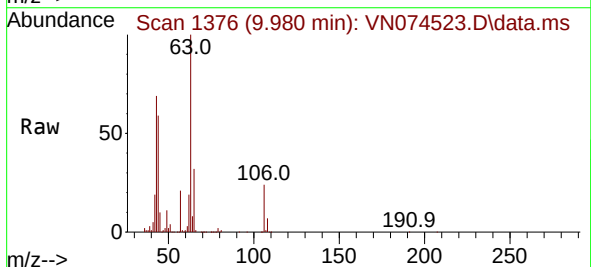
Acq: 16 Sep 2022 20:28

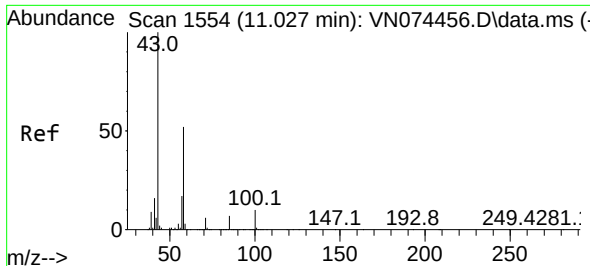
Tgt Ion: 63 Resp: 875244

Ion Ratio Lower Upper

63 100

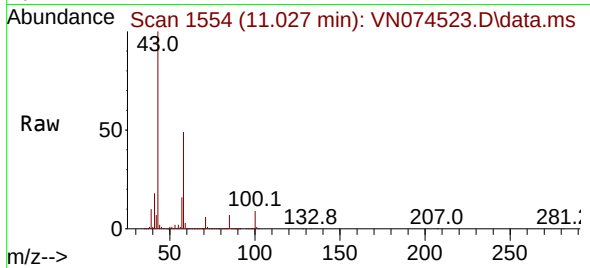
106 24.1 24.6 36.8#





#59
2-Hexanone
Concen: 292.547 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

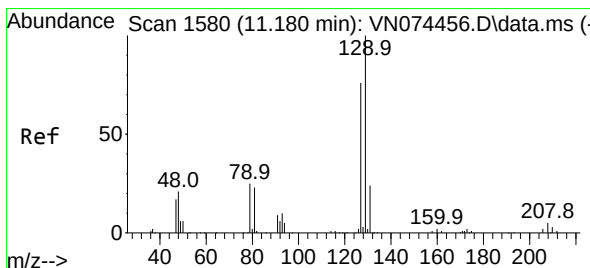
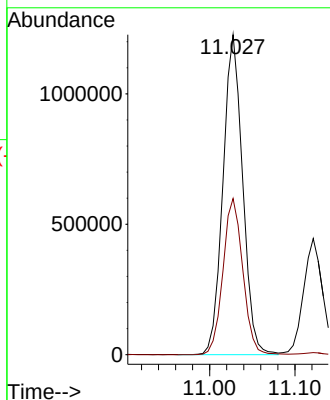
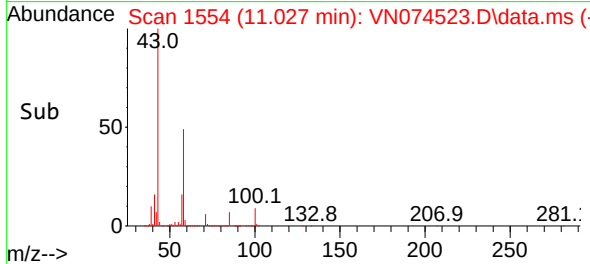
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1965240
Ion Ratio Lower Upper
43 100
58 49.2 29.7 89.1

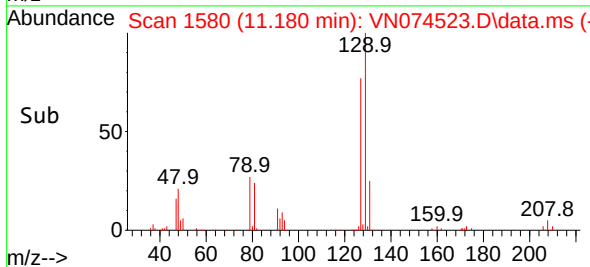
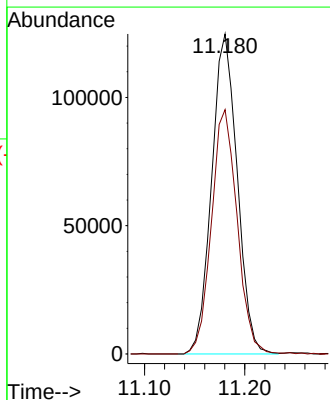
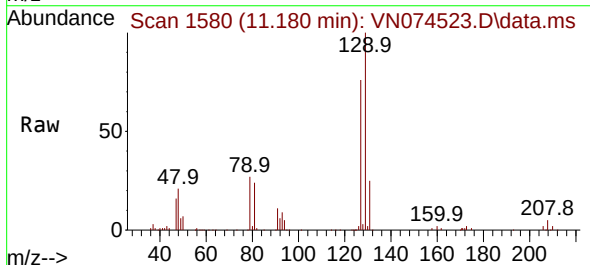
Manual Integrations
APPROVED

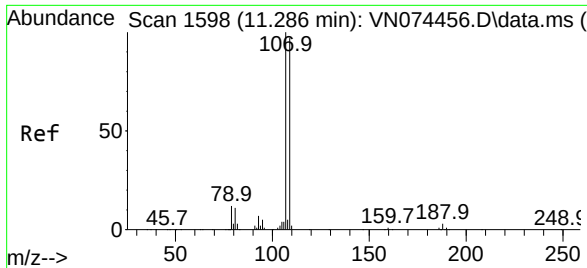
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#60
Dibromochloromethane
Concen: 53.908 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

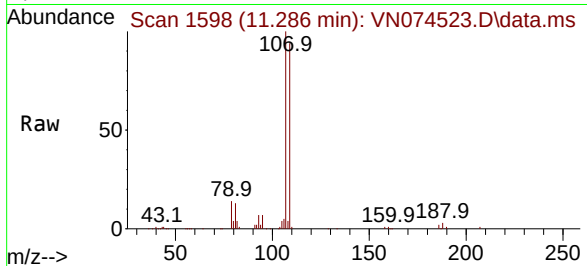
Tgt Ion:129 Resp: 220808
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.321 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

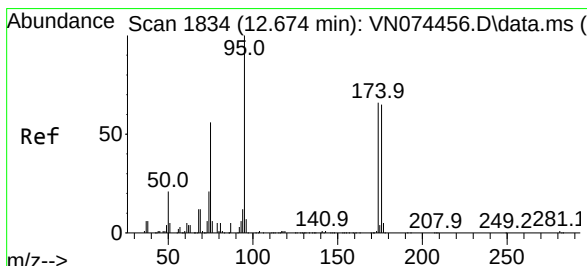
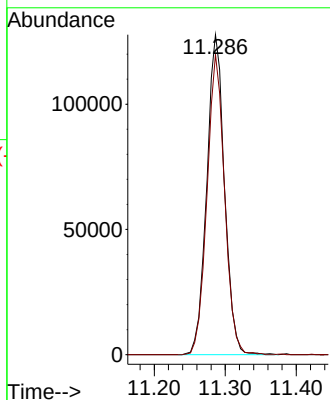
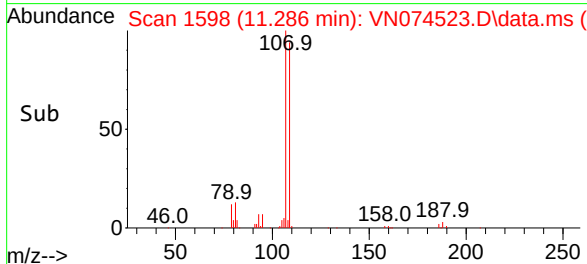
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



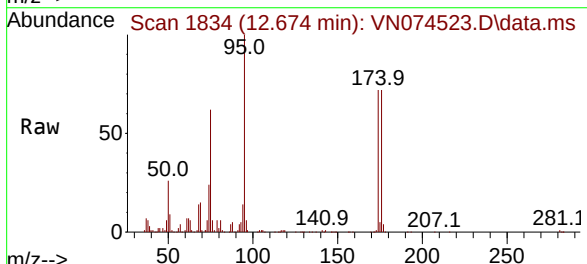
Tgt Ion:107 Resp: 221638
Ion Ratio Lower Upper
107 100
109 93.1 75.0 112.6

Manual Integrations
APPROVED

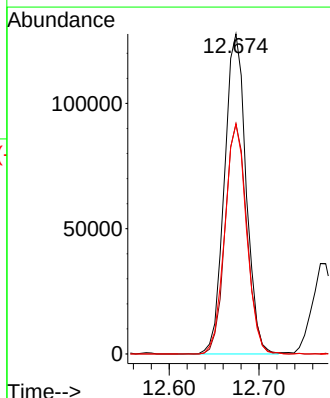
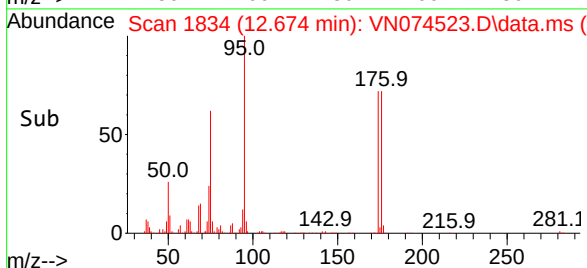
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

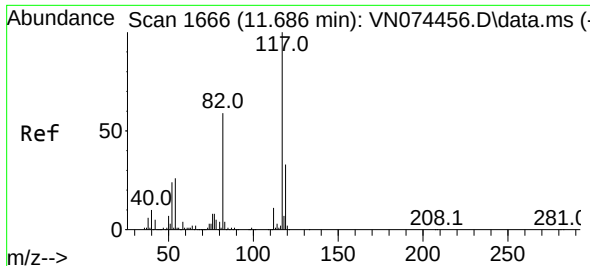


#62
4-Bromofluorobenzene
Concen: 51.382 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



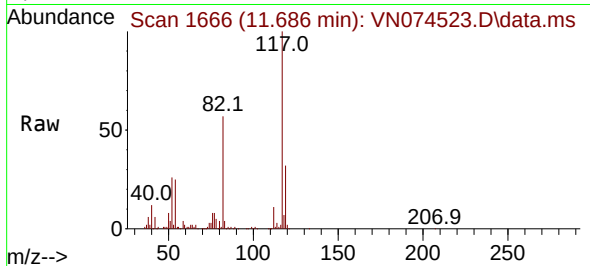
Tgt Ion: 95 Resp: 214195
Ion Ratio Lower Upper
95 100
174 71.9 0.0 167.6
176 71.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

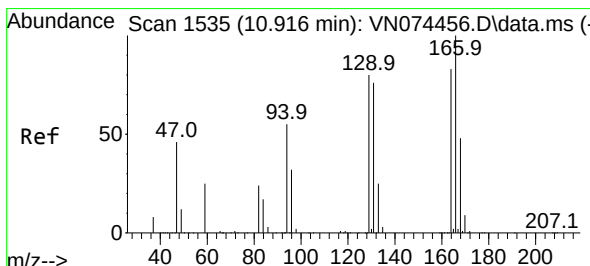
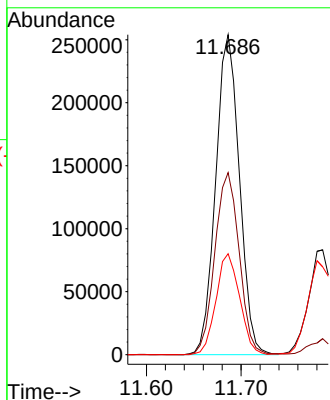
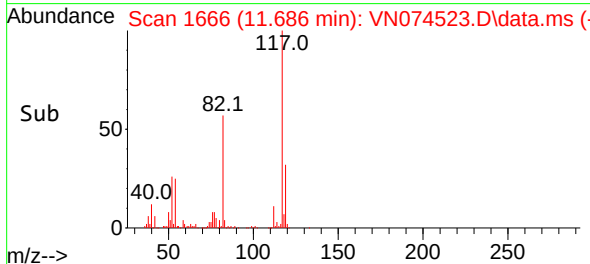
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



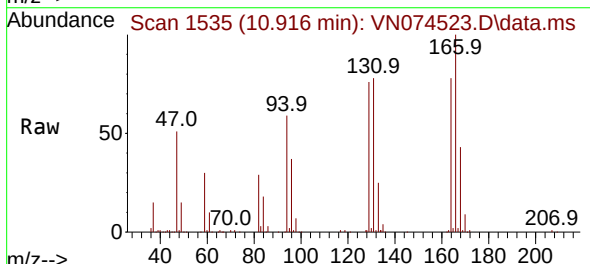
Tgt Ion:117 Resp: 442472
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.2
119 31.5 25.4 38.0

Manual Integrations
APPROVED

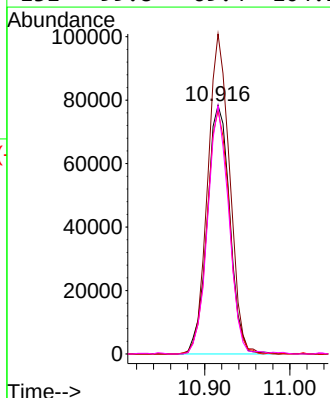
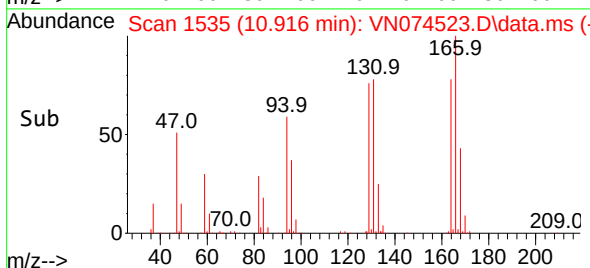
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

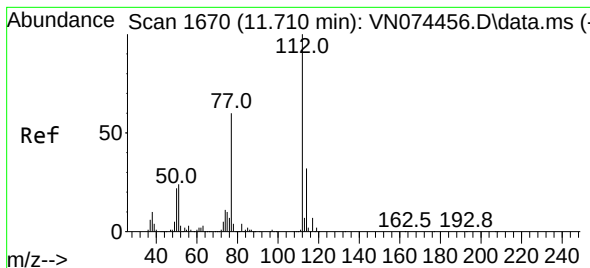


#64
Tetrachloroethene
Concen: 47.757 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



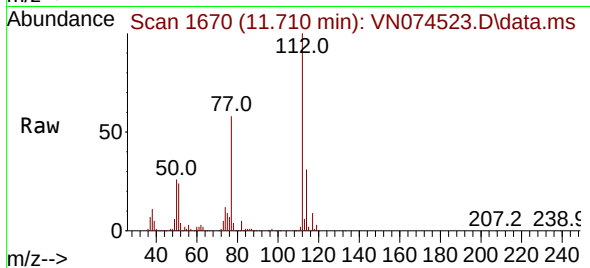
Tgt Ion:164 Resp: 145017
Ion Ratio Lower Upper
164 100
166 128.7 104.2 156.2
129 97.8 73.9 110.9
131 99.8 69.4 104.2





#65
Chlorobenzene
Concen: 49.704 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

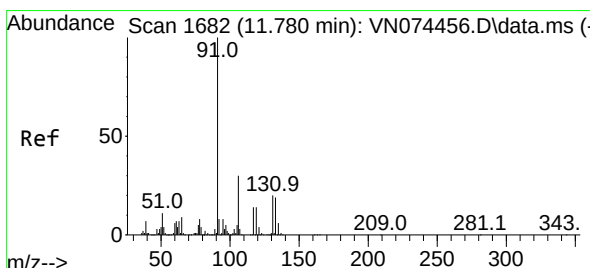
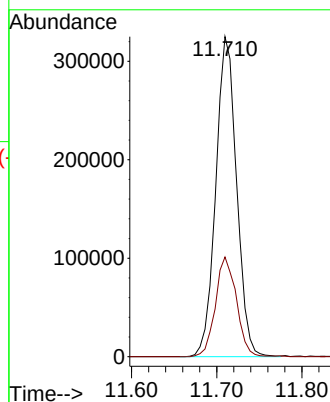
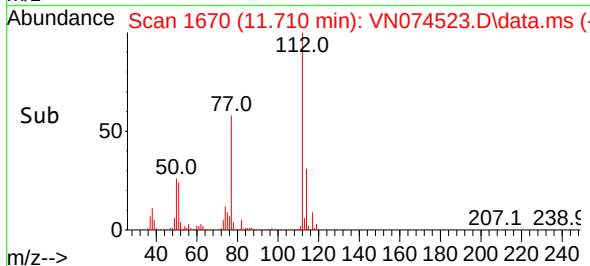
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



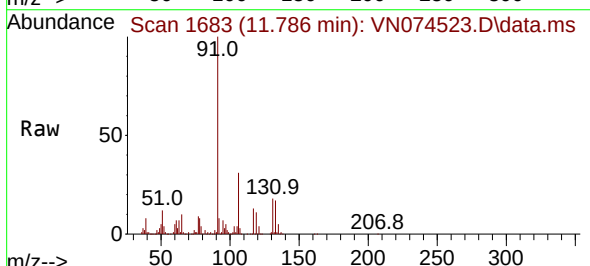
Tgt Ion:112 Resp: 55211
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

Manual Integrations
APPROVED

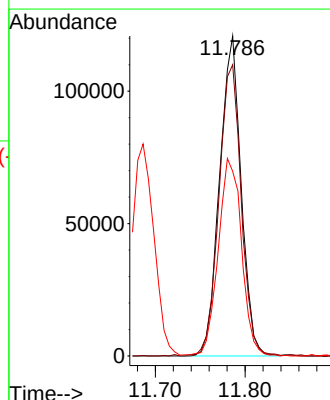
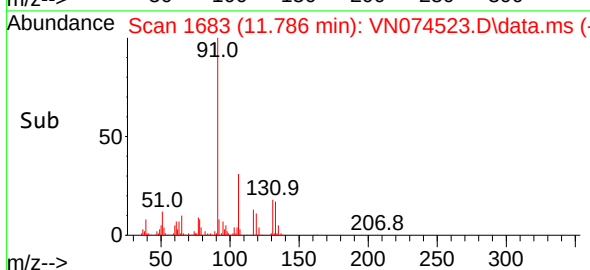
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

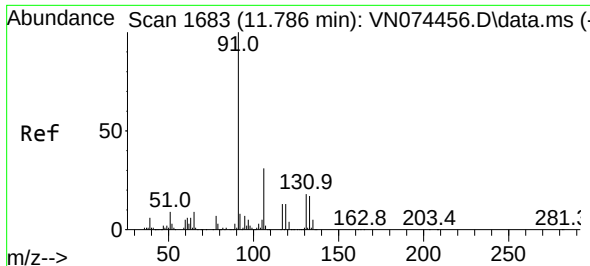


#66
1,1,1,2-Tetrachloroethane
Concen: 49.784 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



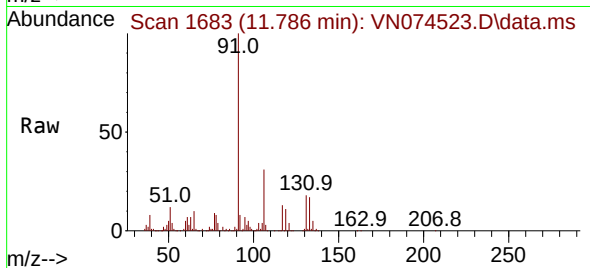
Tgt Ion:131 Resp: 200920
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.4
119 66.9 33.4 100.2





#67
Ethyl Benzene
Concen: 52.204 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

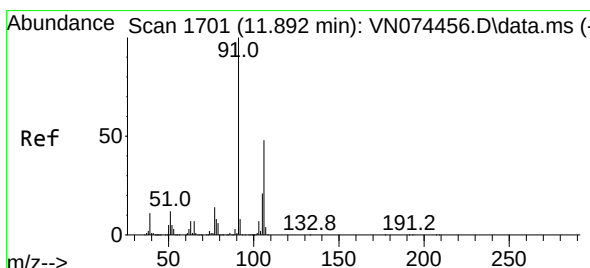
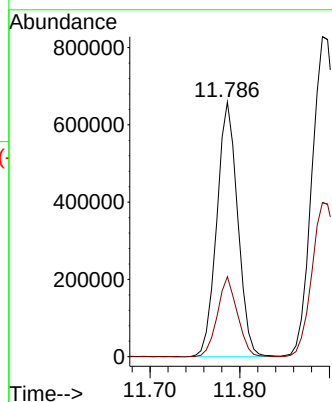
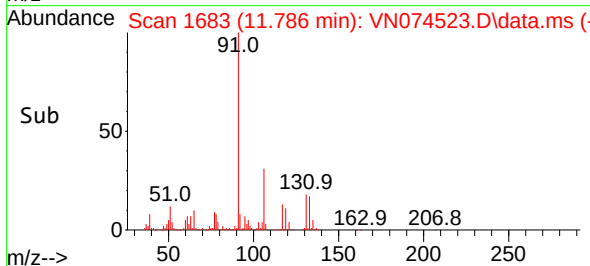
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



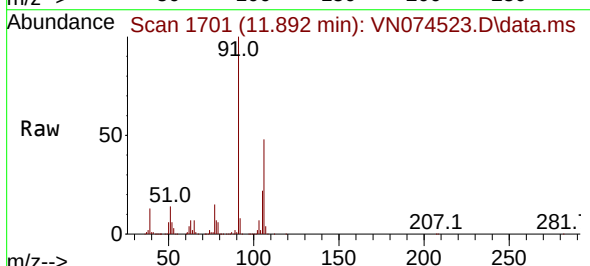
Tgt Ion: 91 Resp: 1064652
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

Manual Integrations
APPROVED

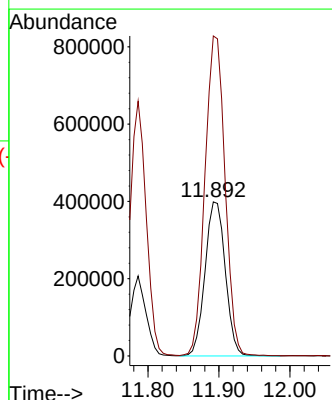
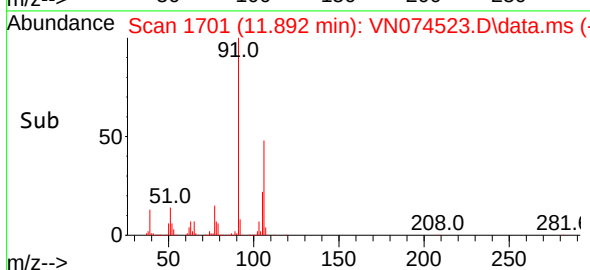
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

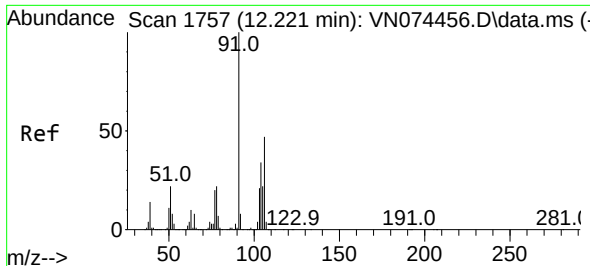


#68
m/p-Xylenes
Concen: 104.698 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



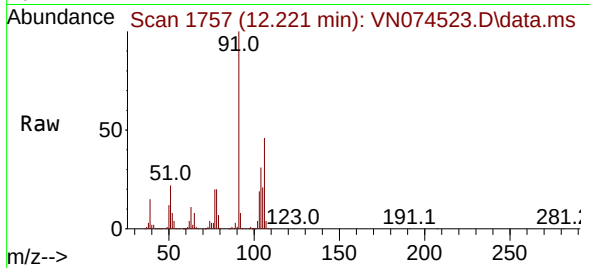
Tgt Ion:106 Resp: 789462
Ion Ratio Lower Upper
106 100
91 205.7 158.9 238.3





#69
o-Xylene
Concen: 51.327 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

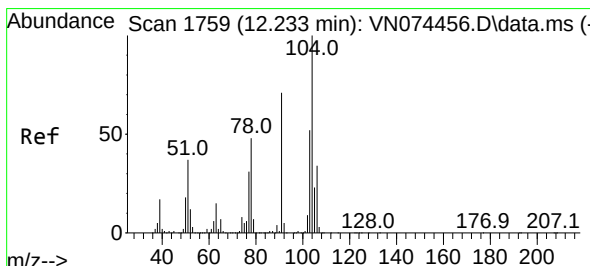
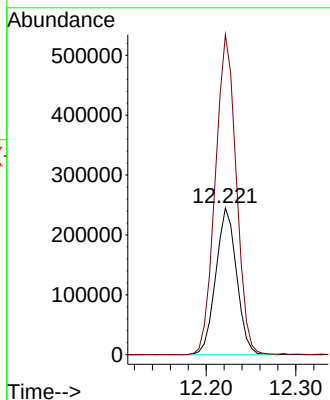
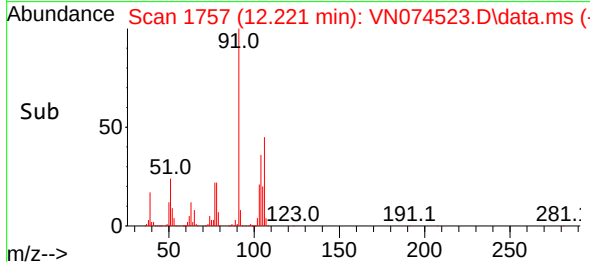
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



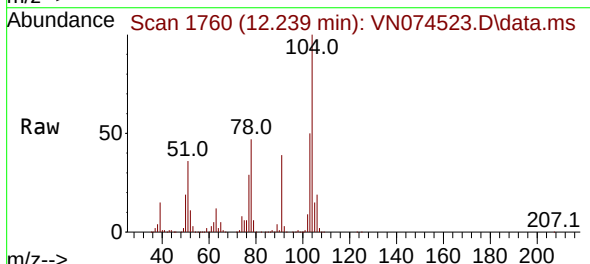
Tgt Ion:106 Resp: 394600
Ion Ratio Lower Upper
106 100
91 220.0 106.0 318.0

Manual Integrations
APPROVED

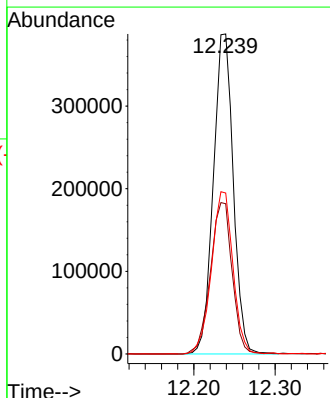
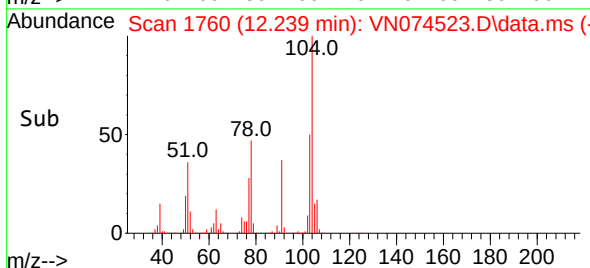
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

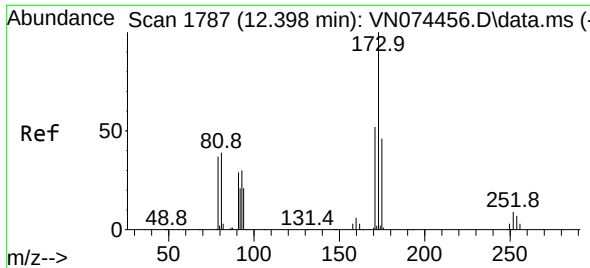


#70
Styrene
Concen: 51.783 ug/l
RT: 12.239 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



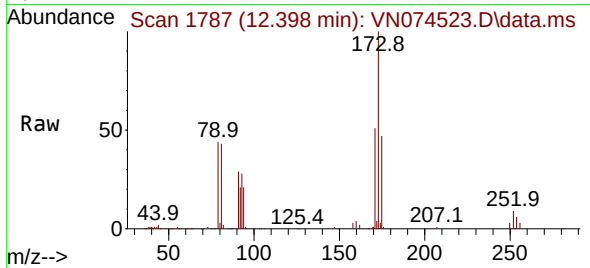
Tgt Ion:104 Resp: 662242
Ion Ratio Lower Upper
104 100
78 51.6 39.5 59.3
103 54.4 44.0 66.0





#71
Bromoform
Concen: 52.320 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

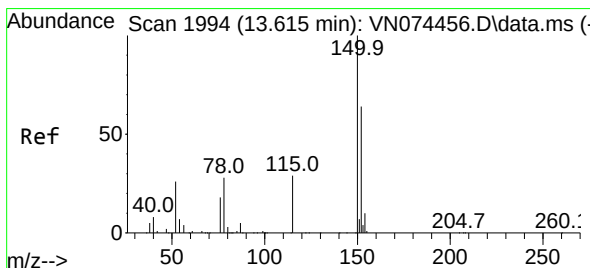
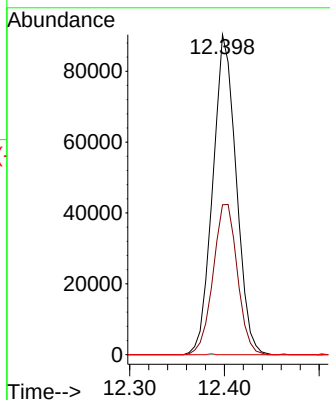
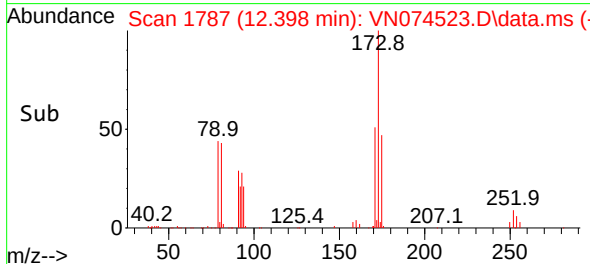
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



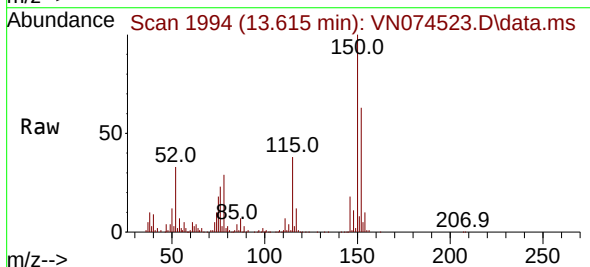
Tgt Ion:173 Resp: 15519
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

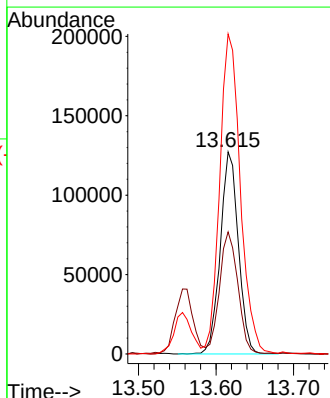
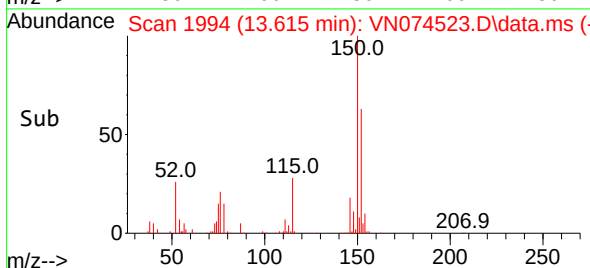
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

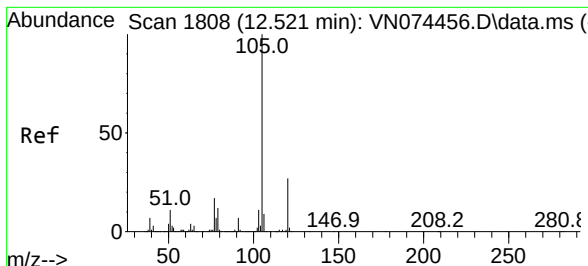


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



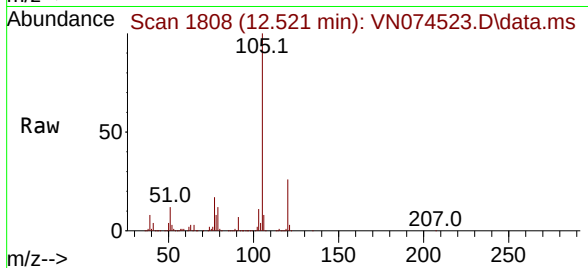
Tgt Ion:152 Resp: 206754
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 179.2 0.0 356.2





#73
Isopropylbenzene
Concen: 48.468 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

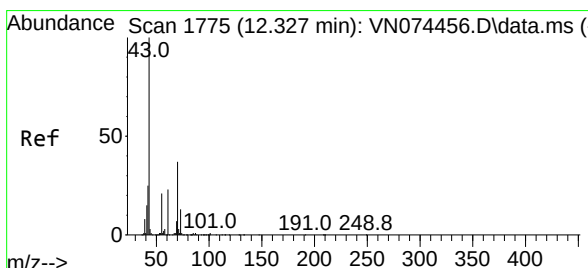
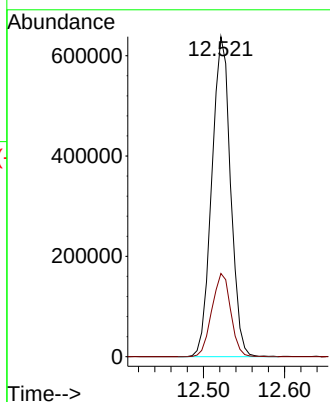
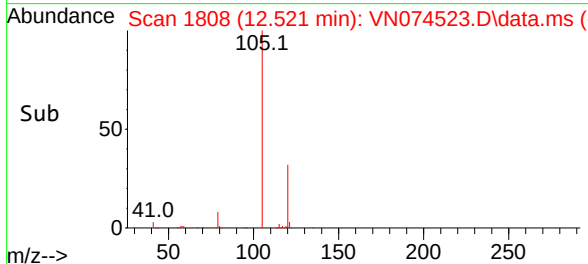
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



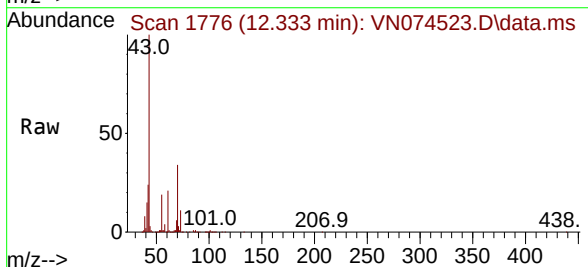
Tgt Ion:105 Resp: 1026079
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

Manual Integrations
APPROVED

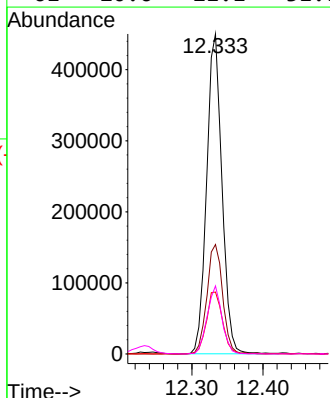
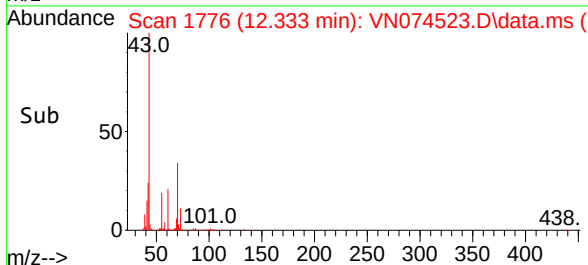
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

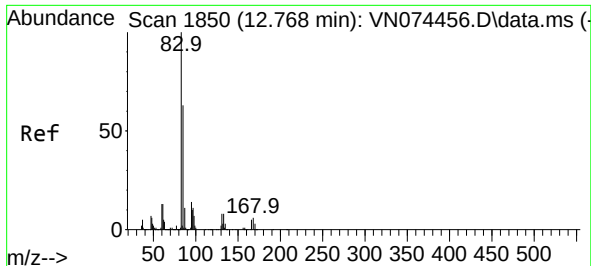


#74
N-ethyl acetate
Concen: 50.917 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



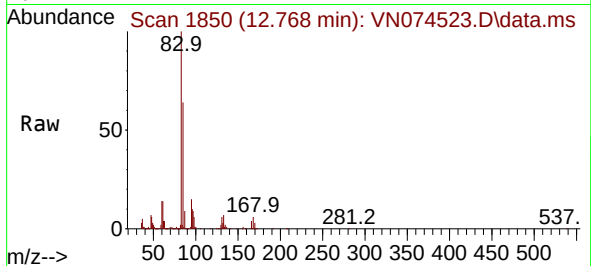
Tgt Ion: 43 Resp: 673959
Ion Ratio Lower Upper
43 100
70 35.3 39.0 58.4#
55 20.3 21.1 31.7#
61 20.6 21.1 31.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 47.578 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

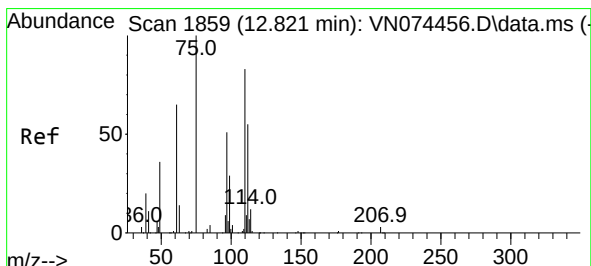
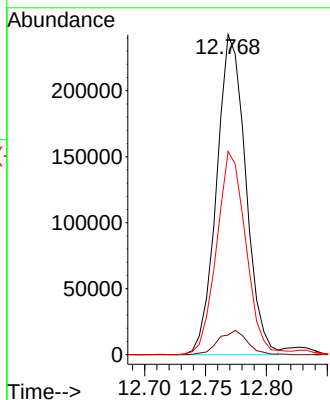
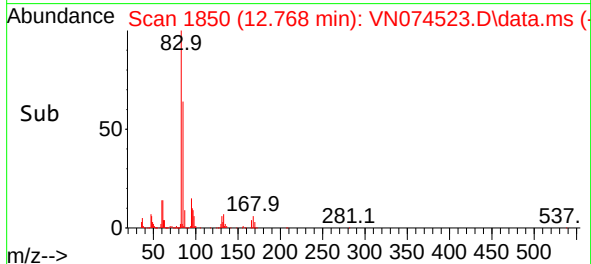
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



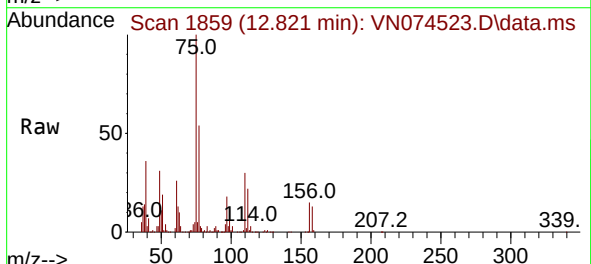
Tgt Ion: 83 Resp: 40363
Ion Ratio Lower Upper
83 100
131 7.5 5.3 15.9
85 63.9 32.3 96.9

Manual Integrations
APPROVED

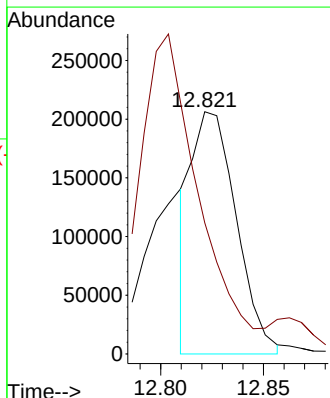
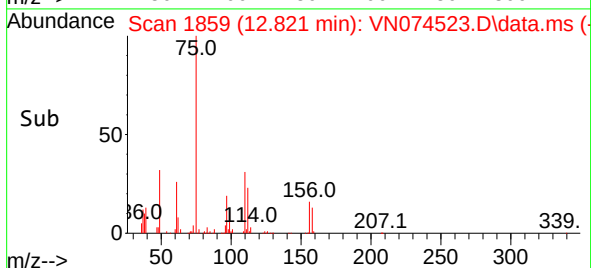
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

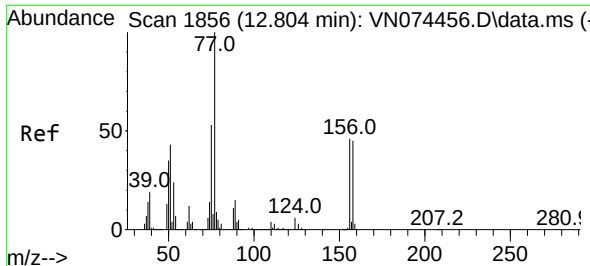


#76
1,2,3-Trichloropropane
Concen: 49.296 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28



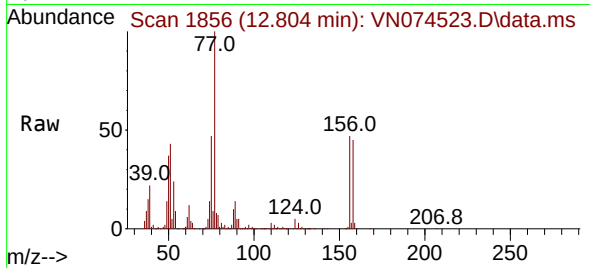
Tgt Ion: 75 Resp: 313720
Ion Ratio Lower Upper
75 100
77 173.9 98.5 295.5





#77
Bromobenzene
Concen: 47.347 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

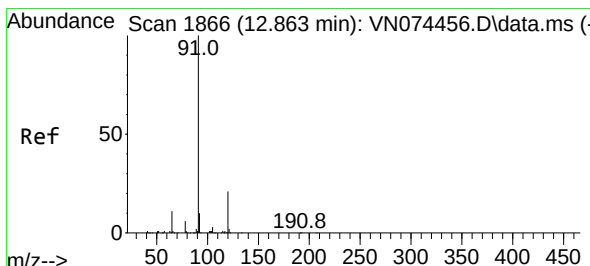
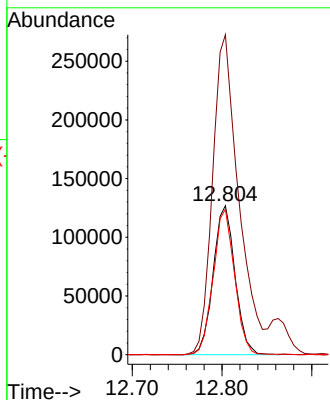
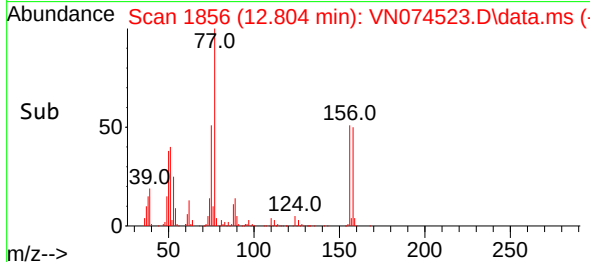
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 214118
Ion Ratio Lower Upper
156 100
77 254.8 100.5 301.5
158 95.4 48.9 146.6

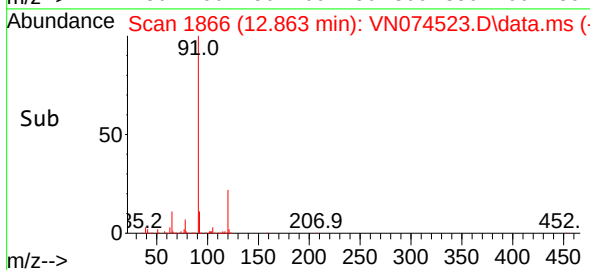
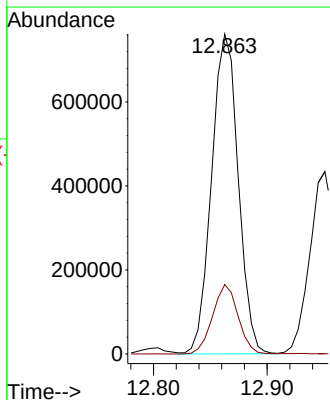
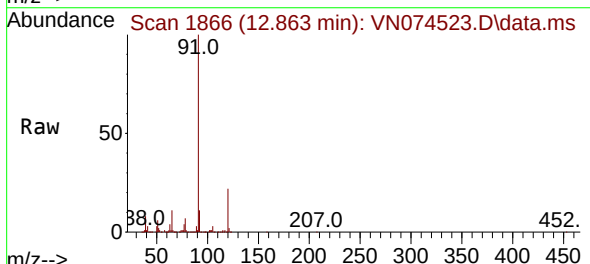
Manual Integrations
APPROVED

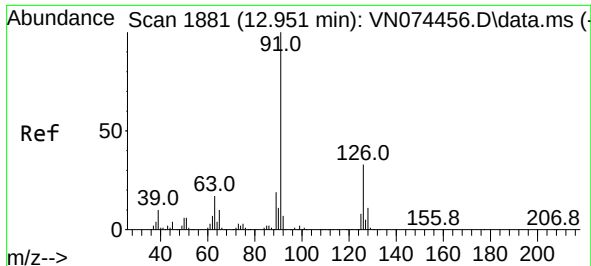
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#78
n-propylbenzene
Concen: 49.238 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

Tgt Ion: 91 Resp: 1241466
Ion Ratio Lower Upper
91 100
120 20.7 11.9 35.5





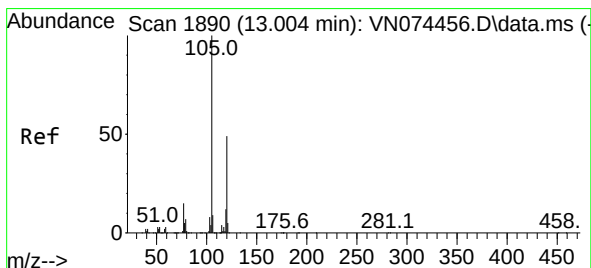
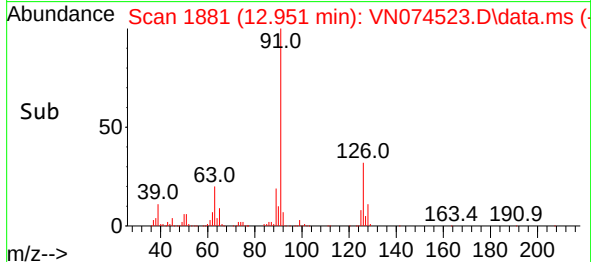
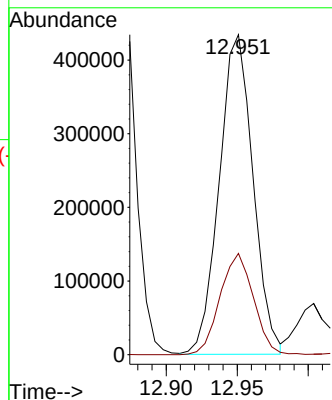
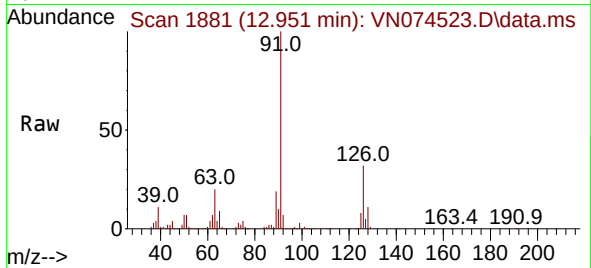
#79
2-Chlorotoluene
Concen: 47.676 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 717600
Ion Ratio Lower Upper
91 100
126 31.4 17.3 51.9

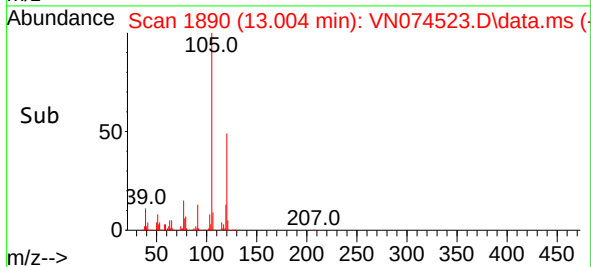
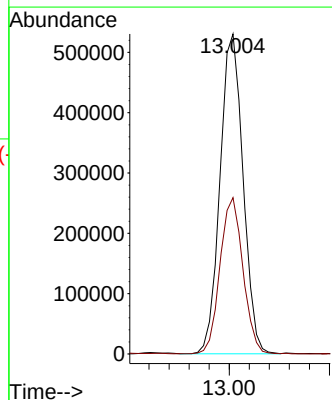
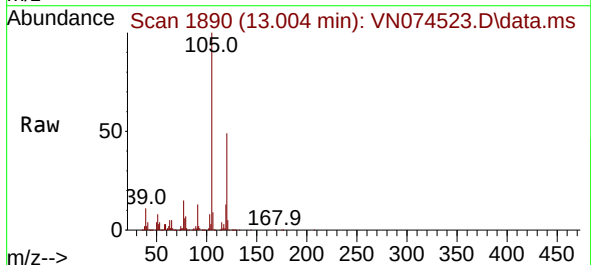
Manual Integrations
APPROVED

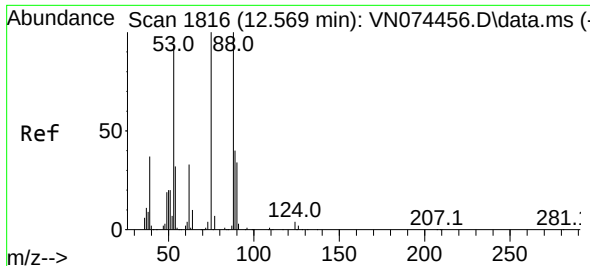
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.924 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

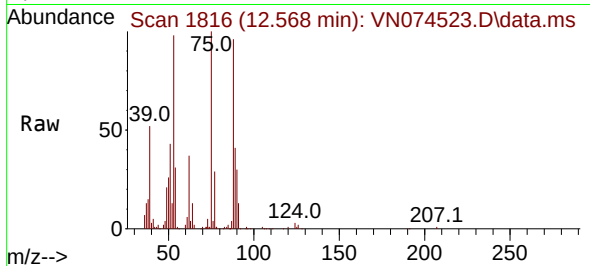
Tgt Ion:105 Resp: 844302
Ion Ratio Lower Upper
105 100
120 48.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 45.745 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.001 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

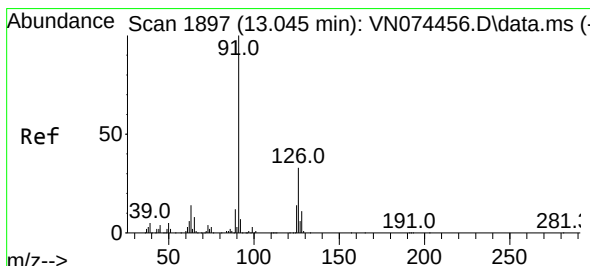
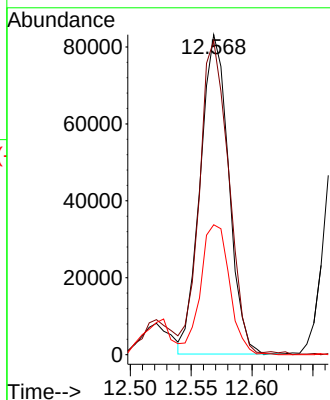
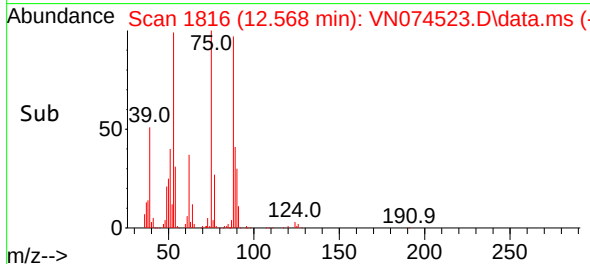
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 134884
Ion Ratio Lower Upper
75 100
53 99.2 78.0 117.0
89 41.7 37.2 55.8

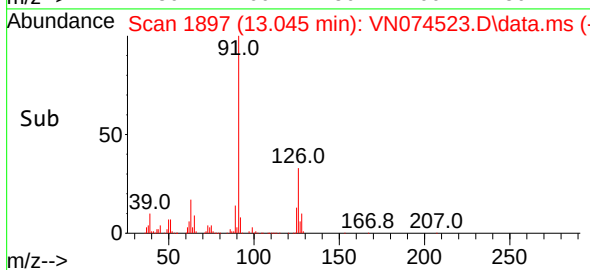
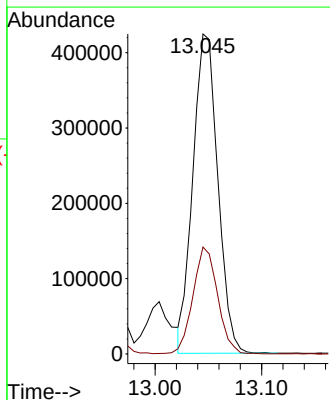
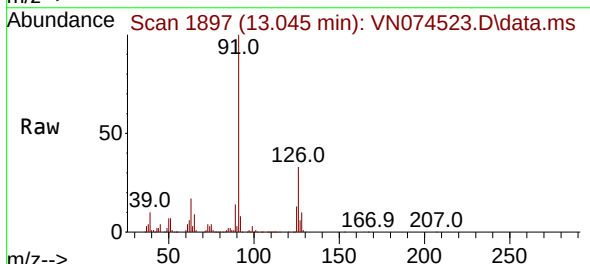
Manual Integrations
APPROVED

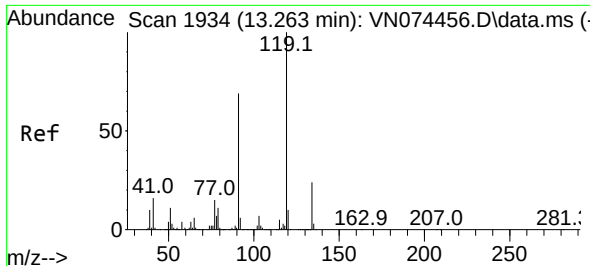
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#82
4-Chlorotoluene
Concen: 48.203 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

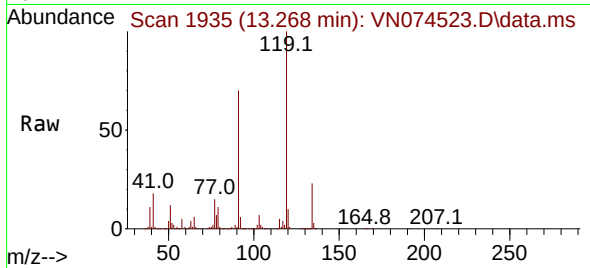
Tgt Ion: 91 Resp: 689626
Ion Ratio Lower Upper
91 100
126 33.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 47.718 ug/l
RT: 13.268 min Scan# 1934
Delta R.T. 0.005 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

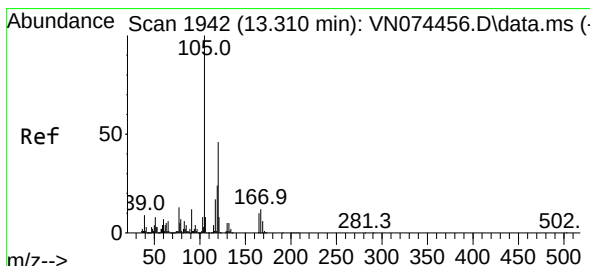
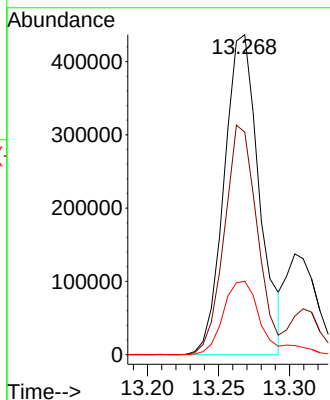
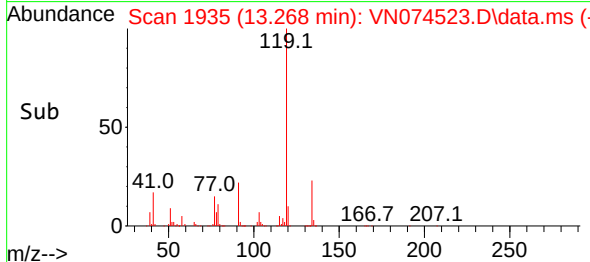
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 749458
Ion Ratio Lower Upper
119 100
91 67.4 31.6 94.8
134 25.3 13.7 41.1

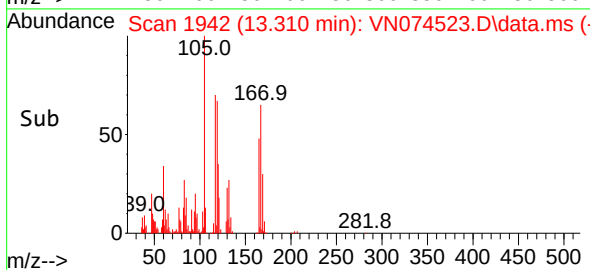
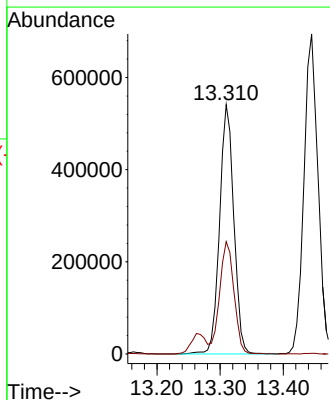
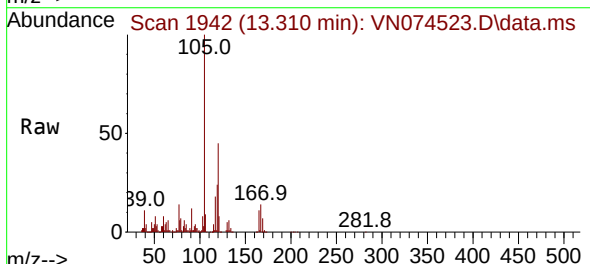
Manual Integrations
APPROVED

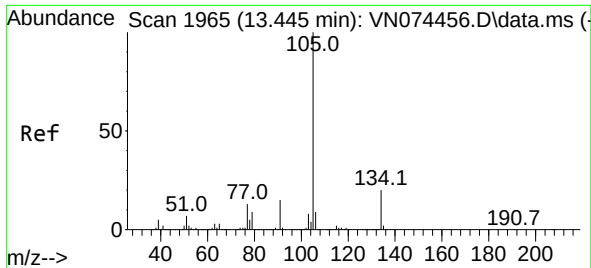
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#84
1,2,4-Trimethylbenzene
Concen: 48.804 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

Tgt Ion:105 Resp: 847574
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8





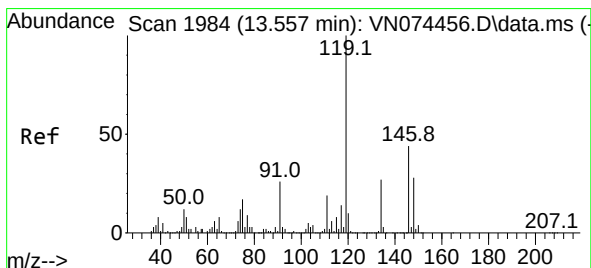
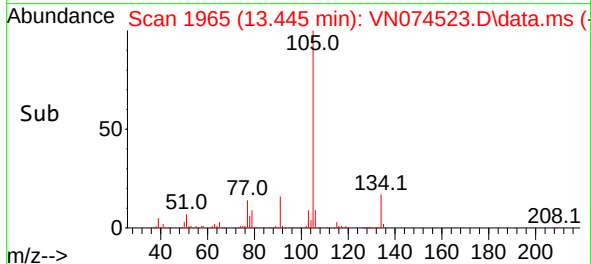
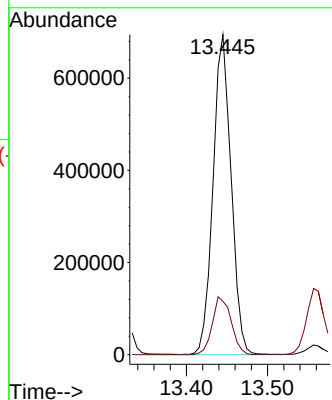
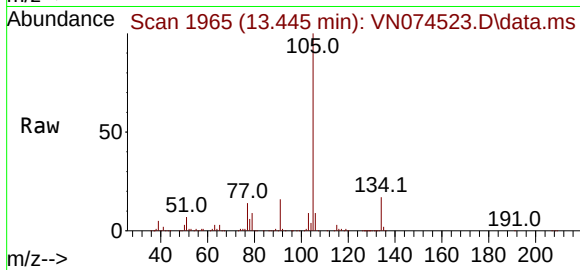
#85
 sec-Butylbenzene
 Concen: 49.870 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VN074523.D
 Acq: 16 Sep 2022 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 107545
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.4 31.1

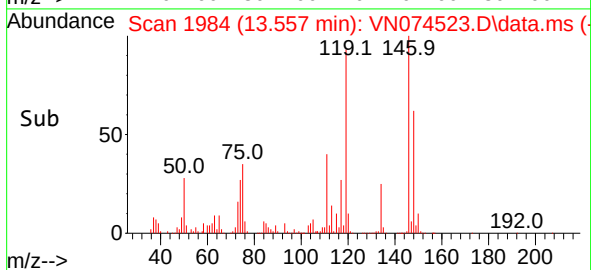
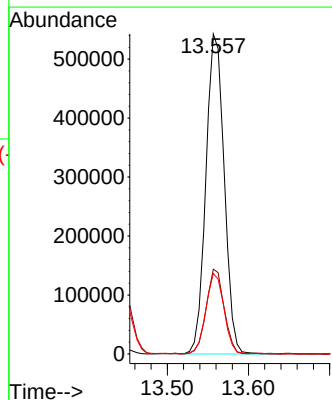
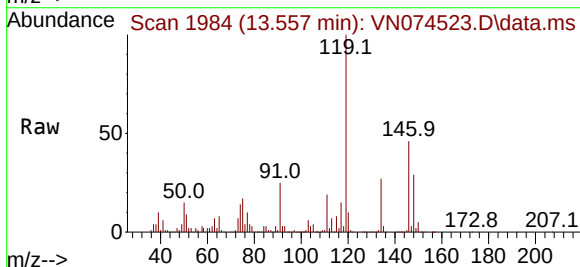
Manual Integrations
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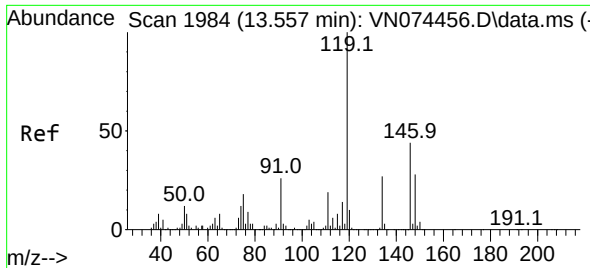
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#86
 p-Isopropyltoluene
 Concen: 50.545 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074523.D
 Acq: 16 Sep 2022 20:28

Tgt Ion:119 Resp: 849772
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 24.7 11.3 33.9





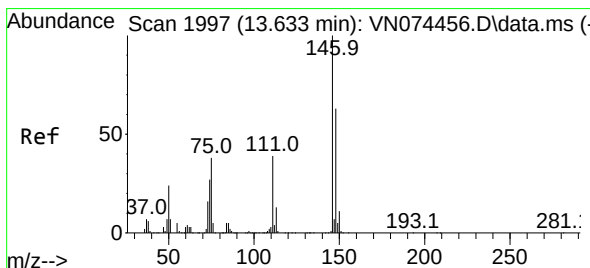
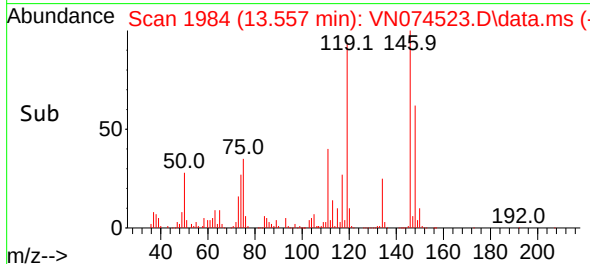
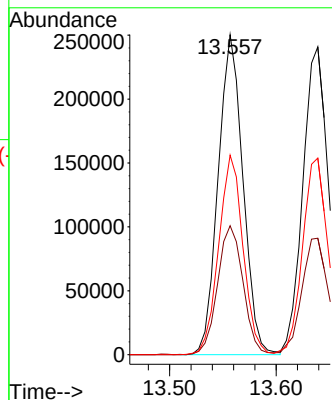
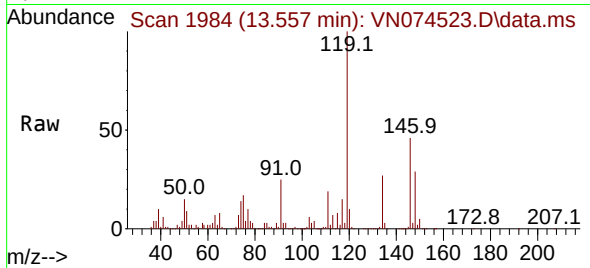
#87
1,3-Dichlorobenzene
Concen: 48.717 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 40485
Ion Ratio Lower Upper
146 100
111 41.4 20.0 60.0
148 61.3 32.0 96.0

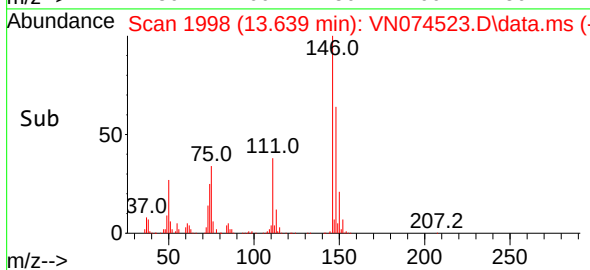
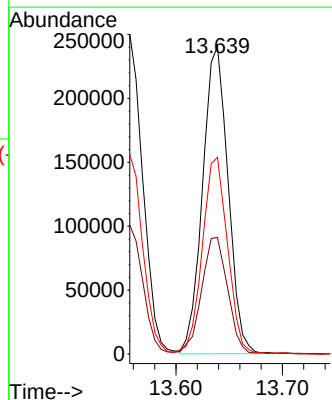
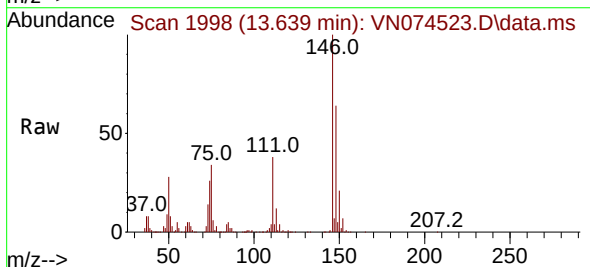
Manual Integrations
APPROVED

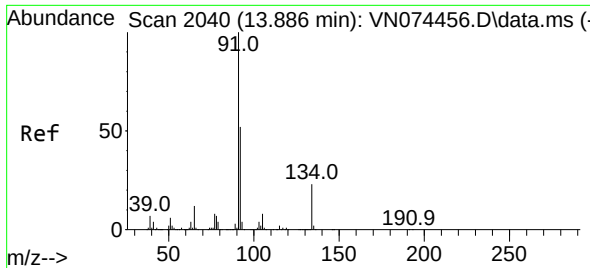
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#88
1,4-Dichlorobenzene
Concen: 47.826 ug/l
RT: 13.639 min Scan# 1998
Delta R.T. 0.006 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

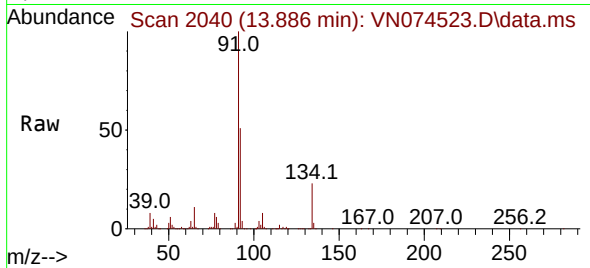
Tgt Ion:146 Resp: 399442
Ion Ratio Lower Upper
146 100
111 39.3 19.1 57.1
148 62.8 31.4 94.3





#89
n-Butylbenzene
Concen: 50.552 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

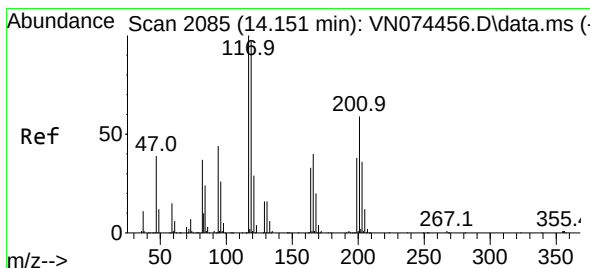
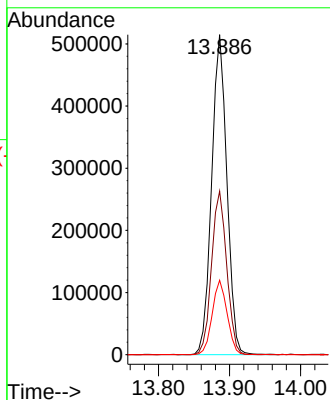
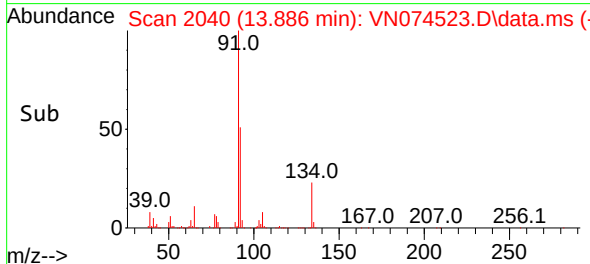
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 76604
Ion Ratio Lower Upper
91 100
92 50.9 26.9 80.7
134 22.8 13.6 40.8

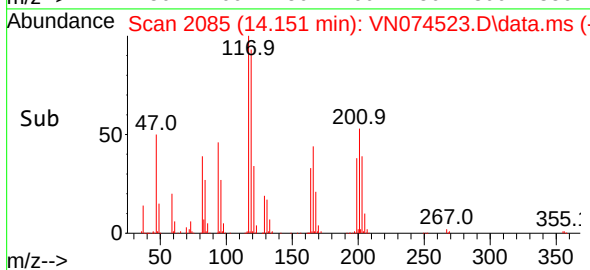
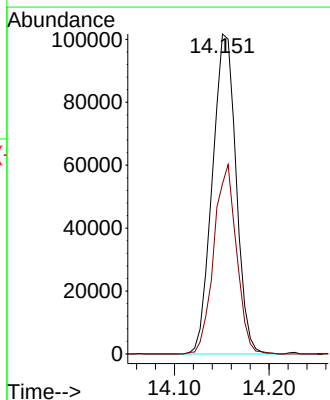
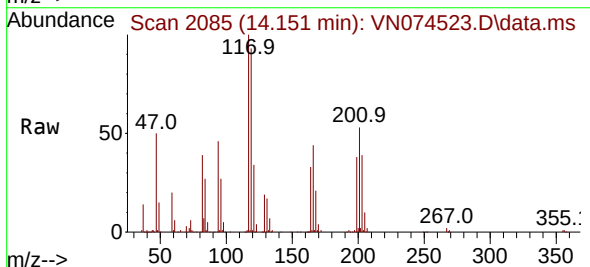
Manual Integrations
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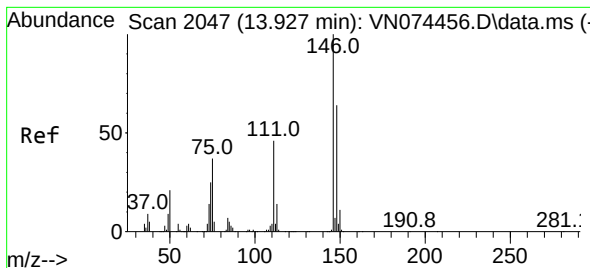
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#90
Hexachloroethane
Concen: 48.449 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

Tgt Ion:117 Resp: 177227
Ion Ratio Lower Upper
117 100
201 56.6 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 47.176 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 40671

Ion Ratio Lower Upper

146 100

111 43.6 20.9 62.8

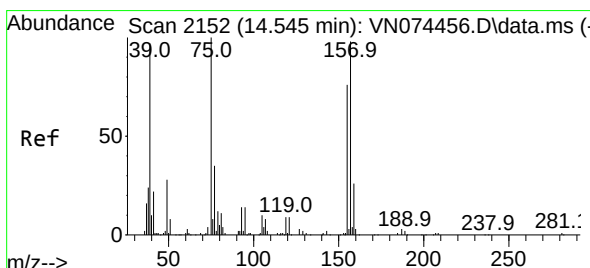
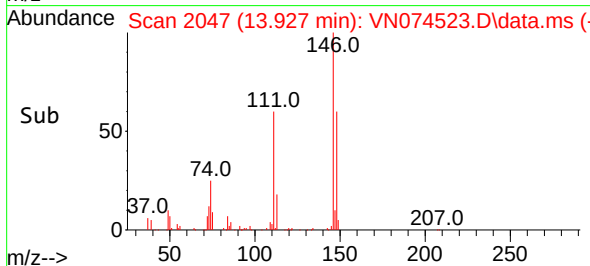
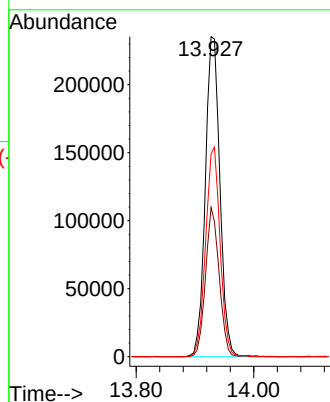
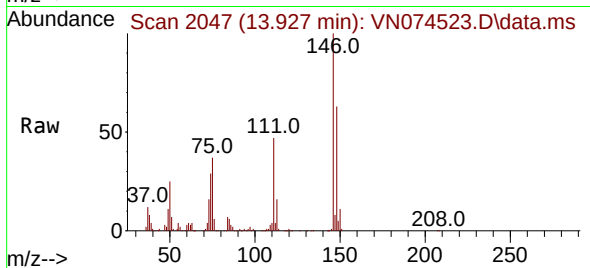
148 64.9 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.715 ug/l

RT: 14.545 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

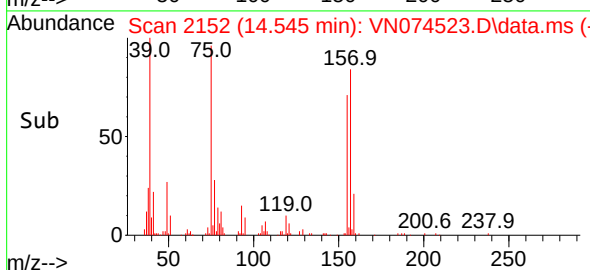
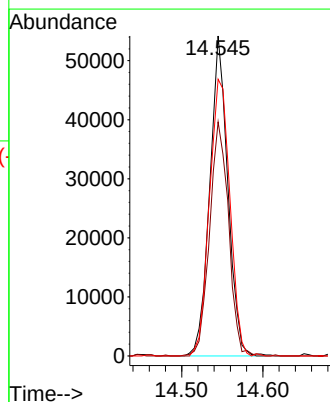
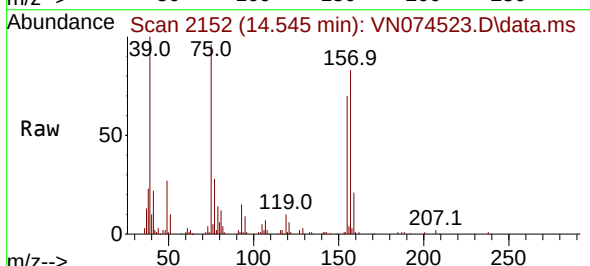
Tgt Ion: 75 Resp: 83765

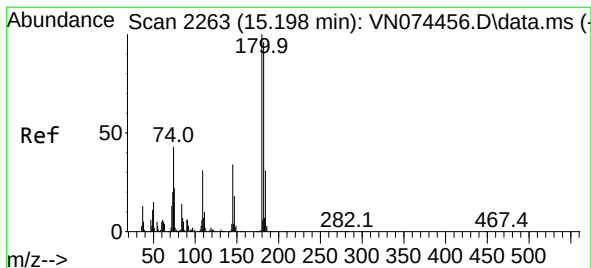
Ion Ratio Lower Upper

75 100

155 76.4 44.9 134.5

157 97.8 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 47.193 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. -0.000 min

Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 193830

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

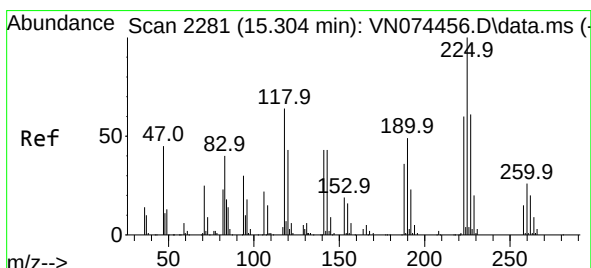
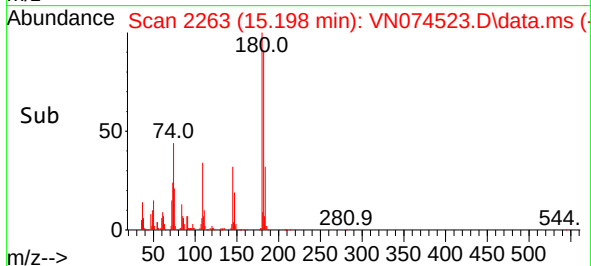
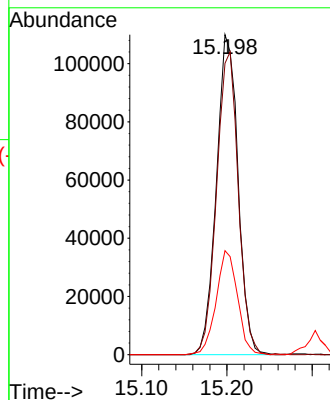
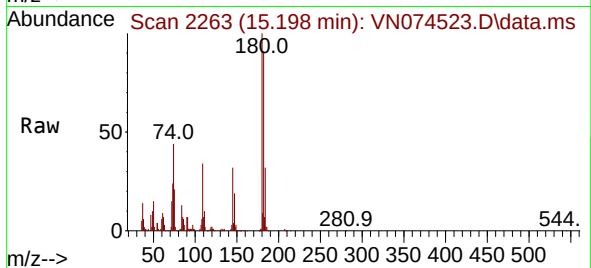
145 32.1 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#94

Hexachlorobutadiene

Concen: 45.060 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. -0.000 min

Lab File: VN074523.D

Acq: 16 Sep 2022 20:28

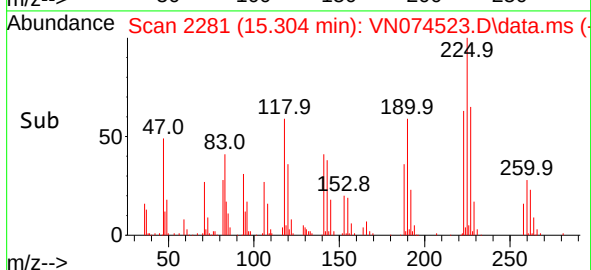
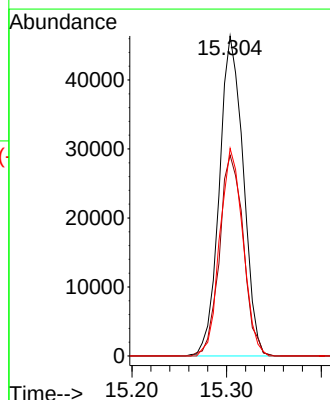
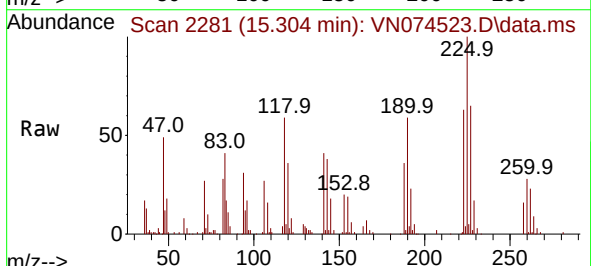
Tgt Ion:225 Resp: 81340

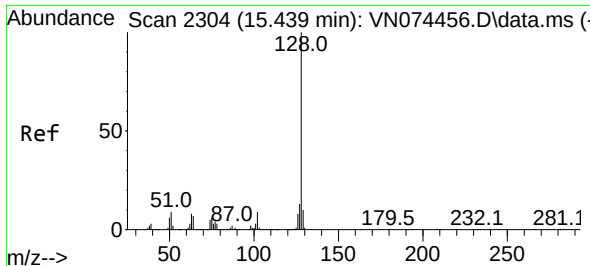
Ion Ratio Lower Upper

225 100

223 62.8 32.4 97.2

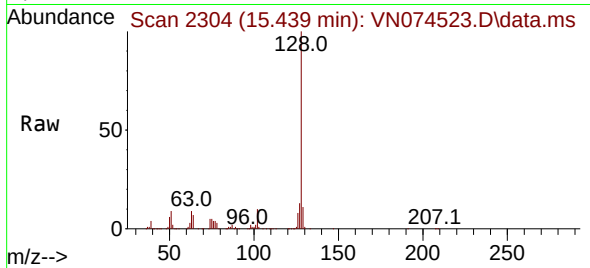
227 62.8 31.8 95.4





#95
Naphthalene
Concen: 47.738 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

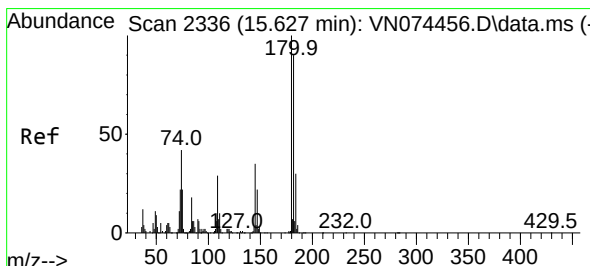
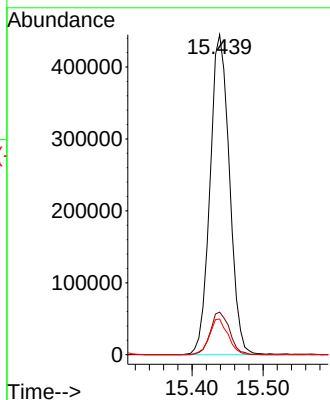
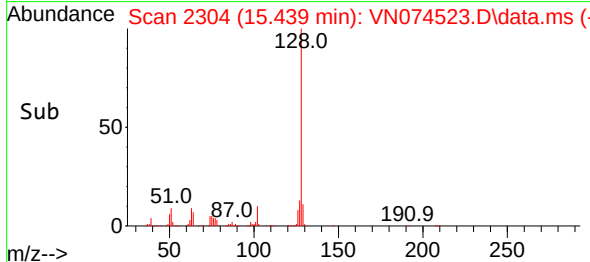
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 843510
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.398 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VN074523.D
Acq: 16 Sep 2022 20:28

Tgt Ion:180 Resp: 201431
Ion Ratio Lower Upper
180 100
182 94.6 47.8 143.3
145 34.7 15.5 46.5

