

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092922\
 Data File : VN074653.D
 Acq On : 29 Sep 2022 14:32
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Sep 30 07:08:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:05:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/30/2022
 Supervised By : Mahesh Dadoda 10/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.934	168	379137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	672903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	704267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	372117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.287	65	92725	9.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	19.520%#		
35) Dibromofluoromethane	7.863	113	70066	9.837	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.680%#		
50) Toluene-d8	10.310	98	297222	9.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	19.840%#		
62) 4-Bromofluorobenzene	12.604	95	90691	9.547	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	19.100%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	86092	10.847	ug/l	92
3) Chloromethane	2.216	50	123801	10.662	ug/l	92
4) Vinyl Chloride	2.357	62	162597	9.643	ug/l	89
5) Bromomethane	2.746	94	114694	9.847	ug/l	94
6) Chloroethane	2.905	64	128692	9.932	ug/l	95
7) Trichlorofluoromethane	3.246	101	111050	9.472	ug/l	98
8) Diethyl Ether	3.675	74	51211	9.207	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.057	101	71481	10.232	ug/l	93
10) Methyl Iodide	4.246	142	79558	9.584	ug/l	92
11) Tert butyl alcohol	5.169	59	121396	47.838	ug/l	98
12) 1,1-Dichloroethene	4.016	96	68127	9.621	ug/l	100
13) Acrolein	3.887	56	47118	42.969	ug/l	98
14) Allyl chloride	4.651	41	144332	9.436	ug/l	98
15) Acrylonitrile	5.363	53	286838	47.903	ug/l	100
16) Acetone	4.128	43	229743	44.797	ug/l	94
17) Carbon Disulfide	4.357	76	200121	9.684	ug/l	97
18) Methyl Acetate	4.669	43	165943	9.452	ug/l	90
19) Methyl tert-butyl Ether	5.416	73	254997	9.435	ug/l	97
20) Methylene Chloride	4.899	84	87285	8.966	ug/l #	83
21) trans-1,2-Dichloroethene	5.398	96	75147	9.714	ug/l #	79
22) Diisopropyl ether	6.298	45	295955	9.511	ug/l #	87
23) Vinyl Acetate	6.240	43	1301310	47.583	ug/l #	92
24) 1,1-Dichloroethane	6.198	63	154405	9.725	ug/l	98
25) 2-Butanone	7.163	43	414640	47.408	ug/l #	87
26) 2,2-Dichloropropane	7.140	77	129931	9.622	ug/l	100
27) cis-1,2-Dichloroethene	7.145	96	88357	9.338	ug/l	89
28) Bromochloromethane	7.487	49	61217	8.491	ug/l #	69
29) Tetrahydrofuran	7.516	42	272615	47.240	ug/l #	86
30) Chloroform	7.657	83	145754	9.961	ug/l	94
31) Cyclohexane	7.928	56	154489	10.007	ug/l	88
32) 1,1,1-Trichloroethane	7.851	97	117968	9.187	ug/l	94
36) 1,1-Dichloropropene	8.063	75	109148	9.569	ug/l	96
37) Ethyl Acetate	7.240	43	168052	9.936	ug/l #	93
38) Carbon Tetrachloride	8.045	117	100132	9.582	ug/l	90
39) Methylcyclohexane	9.316	83	144262	10.131	ug/l	99
40) Benzene	8.304	78	347206	9.876	ug/l	96

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.475	41	66529	9.004	ug/l	96
42) 1,2-Dichloroethane	8.375	62	112612	9.535	ug/l	99
43) Isopropyl Acetate	8.416	43	262871	9.741	ug/l #	92
44) Trichloroethene	9.069	130	72414	9.887	ug/l	99
45) 1,2-Dichloropropane	9.351	63	91985	9.611	ug/l	98
46) Dibromomethane	9.445	93	58319	9.667	ug/l #	84
47) Bromodichloromethane	9.628	83	112093	9.507	ug/l #	98
48) Methyl methacrylate	9.428	41	112380	10.105	ug/l	90
49) 1,4-Dioxane	9.434	88	42645	201.036	ug/l #	92
51) 4-Methyl-2-Pentanone	10.204	43	814356	47.689	ug/l	91
52) Toluene	10.375	92	205427	9.677	ug/l	100
53) t-1,3-Dichloropropene	10.598	75	128581	9.621	ug/l	97
54) cis-1,3-Dichloropropene	10.057	75	145951	9.912	ug/l #	88
55) 1,1,2-Trichloroethane	10.775	97	83440	9.753	ug/l	93
56) Ethyl methacrylate	10.633	69	136612	9.257	ug/l #	82
57) 1,3-Dichloropropane	10.916	76	152662	10.083	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.910	63	282790	46.936	ug/l	89
59) 2-Hexanone	10.963	43	596189	46.197	ug/l	91
60) Dibromochloromethane	11.110	129	77047	9.361	ug/l	94
61) 1,2-Dibromoethane	11.222	107	80011	9.544	ug/l	100
64) Tetrachloroethene	10.845	164	56075	9.418	ug/l	93
65) Chlorobenzene	11.639	112	201282	9.552	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.716	131	73774	9.813	ug/l	100
67) Ethyl Benzene	11.716	91	380312	9.646	ug/l	96
68) m/p-Xylenes	11.827	106	284648	19.066	ug/l	98
69) o-Xylene	12.157	106	139926	9.324	ug/l	94
70) Styrene	12.169	104	222120	9.280	ug/l	97
71) Bromoform	12.327	173	52866	8.770	ug/l #	98
73) Isopropylbenzene	12.457	105	362221	10.391	ug/l	96
74) N-amyl acetate	12.269	43	209841	9.826	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.704	83	130057	9.806	ug/l	97
76) 1,2,3-Trichloropropane	12.757	75	111112m	11.493	ug/l	
77) Bromobenzene	12.727	156	74321	9.952	ug/l	81
78) n-propylbenzene	12.792	91	404192	10.052	ug/l	97
79) 2-Chlorotoluene	12.880	91	244397	10.115	ug/l	98
80) 1,3,5-Trimethylbenzene	12.933	105	290320	10.437	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.504	75	44805	10.062	ug/l	97
82) 4-Chlorotoluene	12.980	91	220163	9.791	ug/l	100
83) tert-Butylbenzene	13.198	119	246453	9.920	ug/l	94
84) 1,2,4-Trimethylbenzene	13.245	105	282692	10.177	ug/l	98
85) sec-Butylbenzene	13.374	105	347014	9.940	ug/l	97
86) p-Isopropyltoluene	13.492	119	278007	10.052	ug/l	98
87) 1,3-Dichlorobenzene	13.486	146	132372	9.769	ug/l	96
88) 1,4-Dichlorobenzene	13.569	146	128706	9.294	ug/l	93
89) n-Butylbenzene	13.816	91	237284	9.724	ug/l	96
90) Hexachloroethane	14.080	117	58352	9.805	ug/l	79
91) 1,2-Dichlorobenzene	13.863	146	138447	9.791	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.474	75	25764	9.641	ug/l	86
93) 1,2,4-Trichlorobenzene	15.133	180	64121	10.150	ug/l	94
94) Hexachlorobutadiene	15.233	225	29022	9.386	ug/l	91
95) Naphthalene	15.363	128	254686	10.304	ug/l	97
96) 1,2,3-Trichlorobenzene	15.557	180	63947	10.168	ug/l	100

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ClientSampleId :
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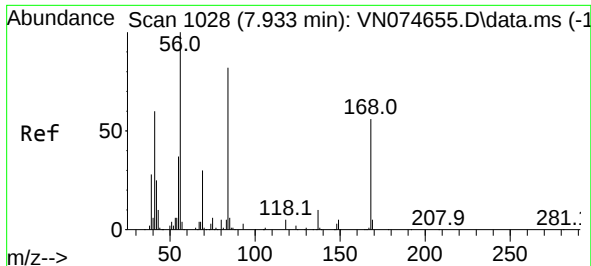
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Sep 30 07:05:22 2022
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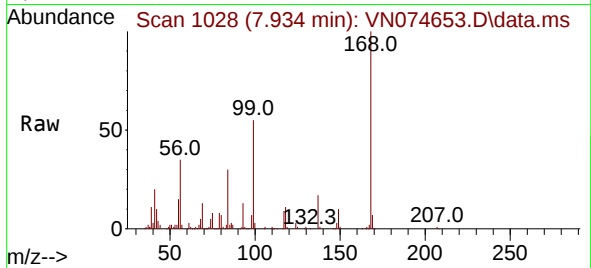
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.001 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

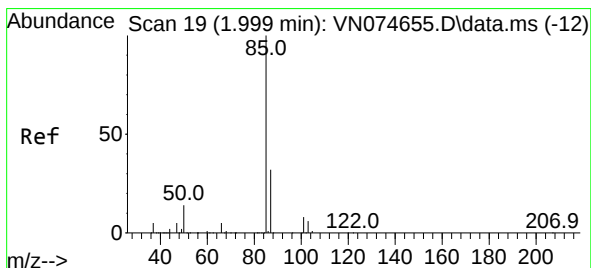
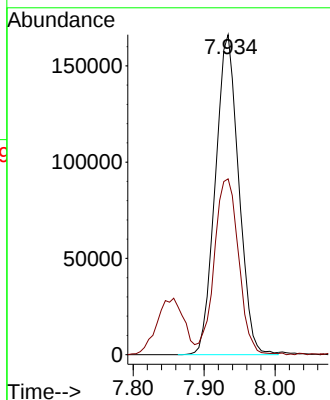
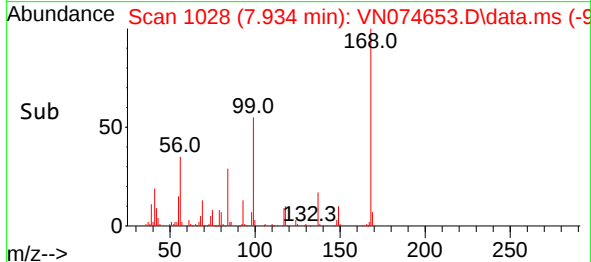
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MSVOA_N
ClientSampleId :
VSTDIC010



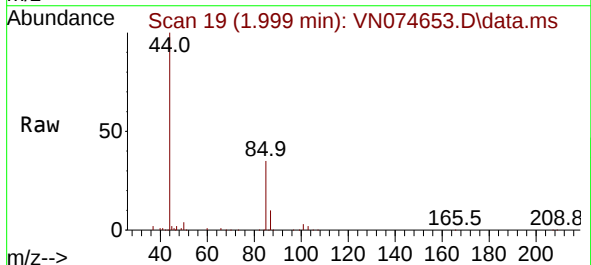
Tgt Ion:168 Resp: 37913
Ion Ratio Lower Upper
168 100
99 54.6 42.3 63.5

Manual Integrations
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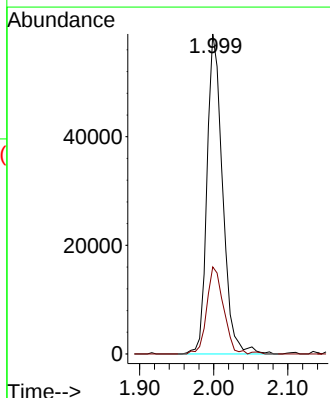
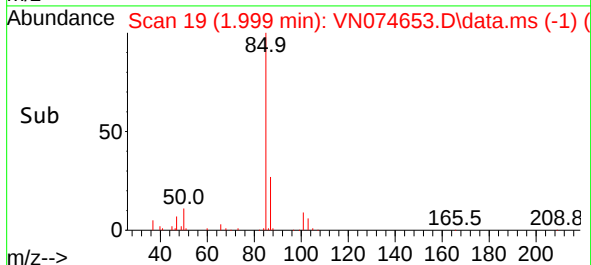
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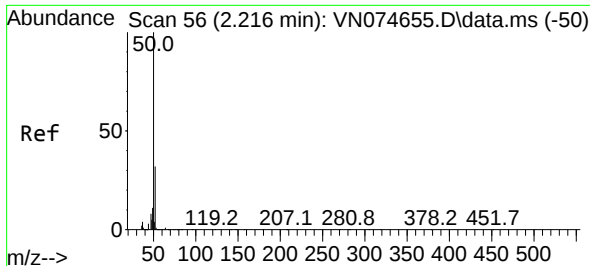


#2
Dichlorodifluoromethane
Concen: 10.847 ug/l
RT: 1.999 min Scan# 19
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



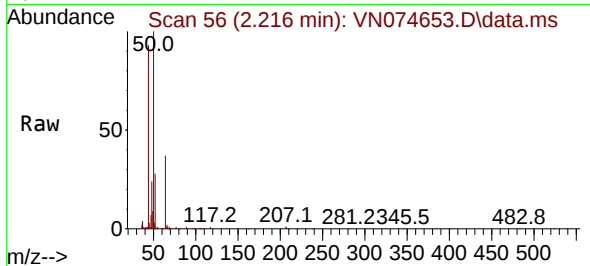
Tgt Ion: 85 Resp: 86092
Ion Ratio Lower Upper
85 100
87 27.2 15.7 47.1





#3
Chloromethane
Concen: 10.662 ug/l
RT: 2.216 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

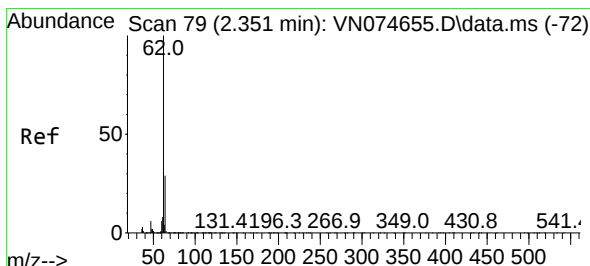
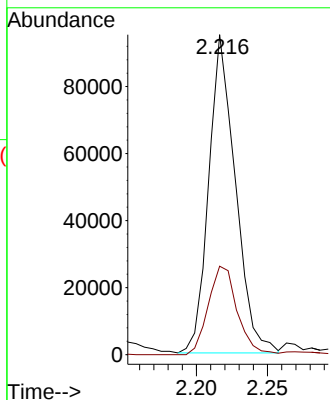
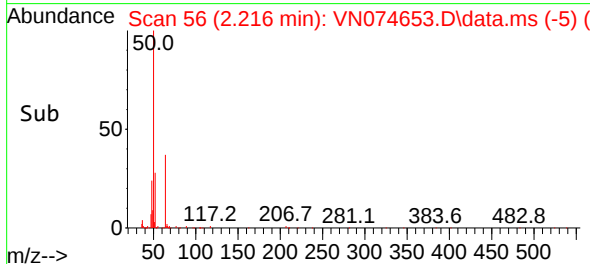
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ClientSampleId :
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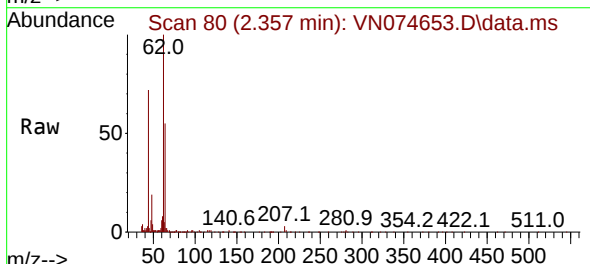
Tgt Ion: 50 Resp: 12380
Ion Ratio Lower Upper
50 100
52 27.8 25.7 38.5

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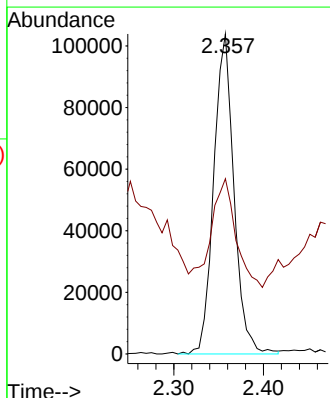
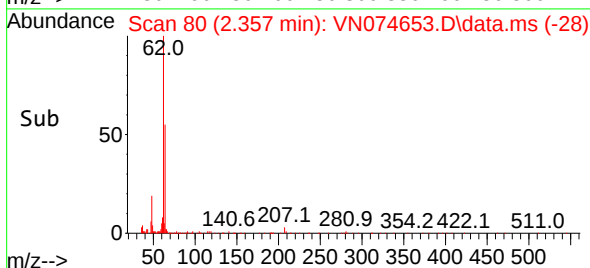
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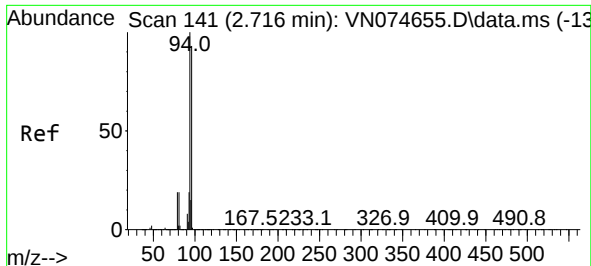


#4
Vinyl Chloride
Concen: 9.643 ug/l
RT: 2.357 min Scan# 80
Delta R.T. 0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



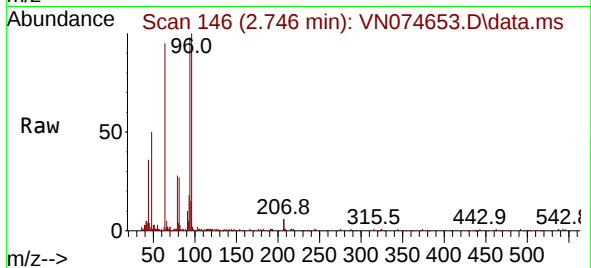
Tgt Ion: 62 Resp: 162597
Ion Ratio Lower Upper
62 100
64 25.3 25.0 37.4





#5
Bromomethane
Concen: 9.847 ug/l
RT: 2.746 min Scan# 141
Delta R.T. 0.030 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

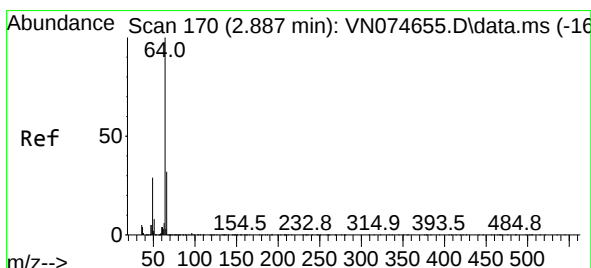
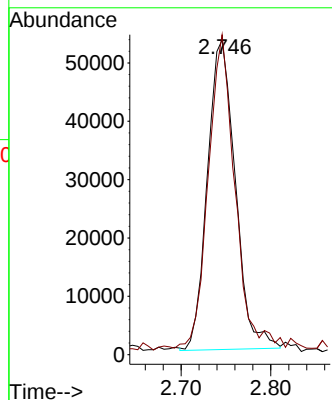
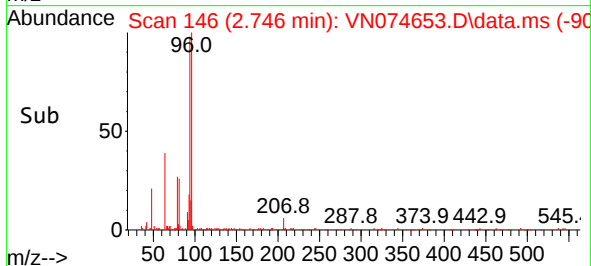
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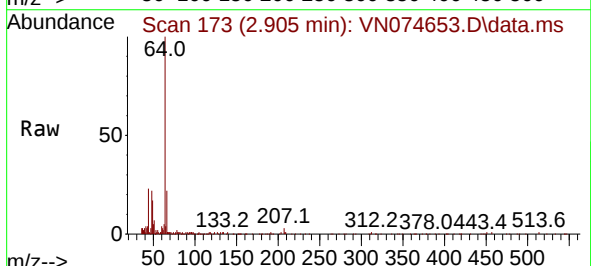
Tgt Ion: 94 Resp: 114694
Ion Ratio Lower Upper
94 100
96 100.4 76.0 114.0

Manual Integrations
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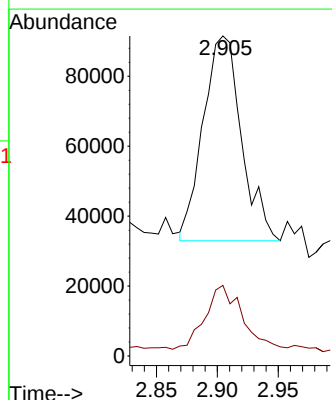
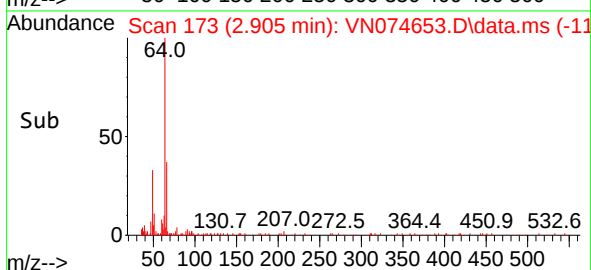
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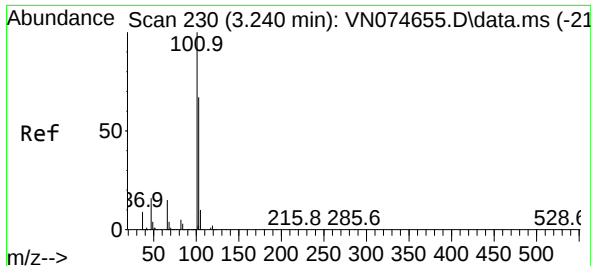


#6
Chloroethane
Concen: 9.932 ug/l
RT: 2.905 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN074653.D
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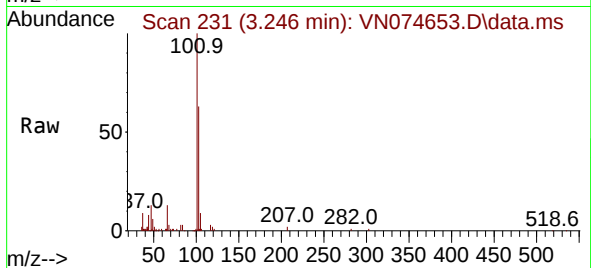
Tgt Ion: 64 Resp: 128692
Ion Ratio Lower Upper
64 100
66 30.0 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 9.472 ug/l
 RT: 3.246 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN074653.D
 Acq: 29 Sep 2022 14:32

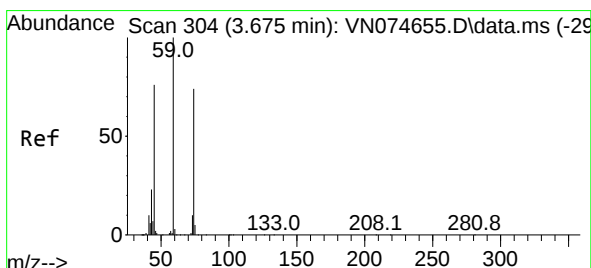
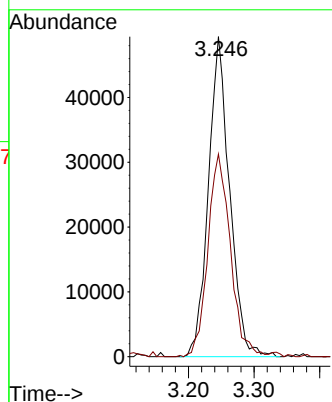
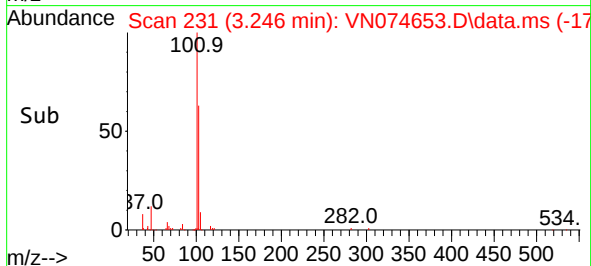
Instrument :
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 ClientSampleId :
 VSTDIC010



Tgt Ion:101 Resp: 111050
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.5 77.3

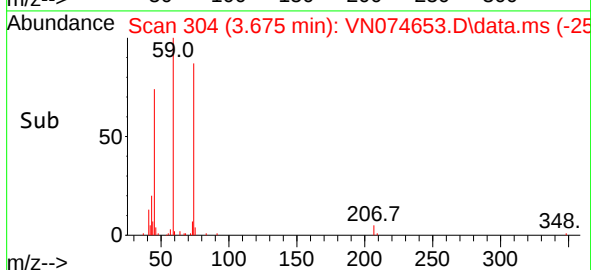
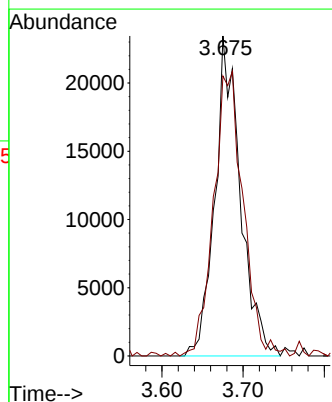
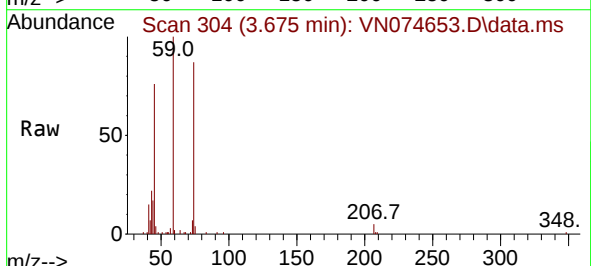
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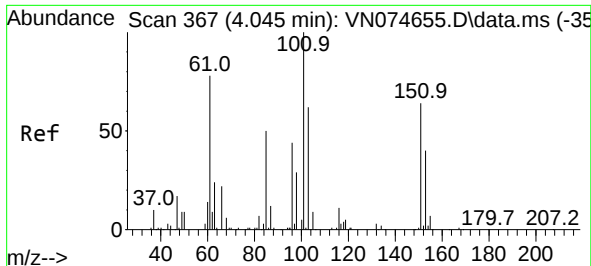
Reviewed By :John Carlone 09/30/2022
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#8
 Diethyl Ether
 Concen: 9.207 ug/l
 RT: 3.675 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VN074653.D
 Acq: 29 Sep 2022 14:32

Tgt Ion: 74 Resp: 51211
 Ion Ratio Lower Upper
 74 100
 45 102.8 42.9 128.5





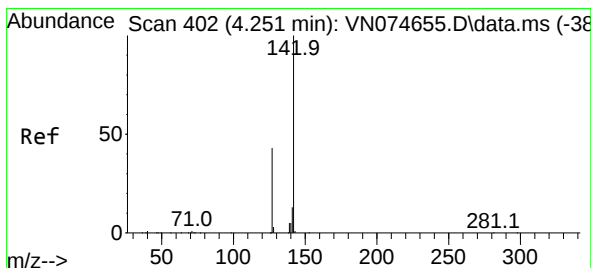
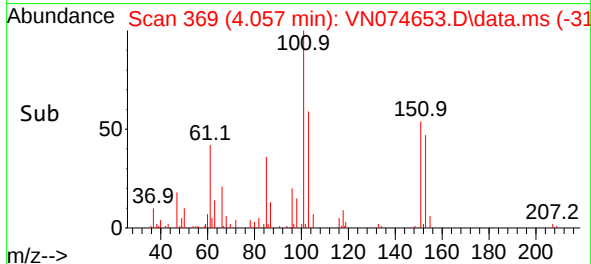
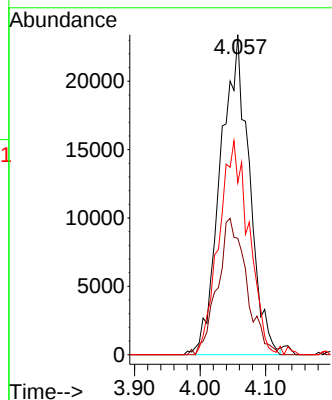
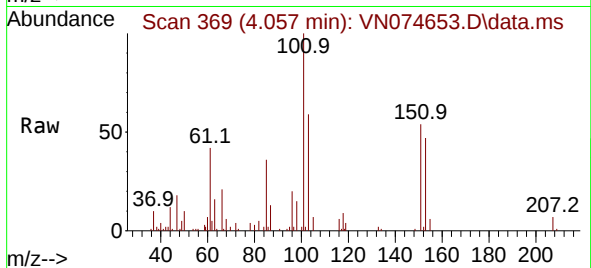
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.232 ug/l
RT: 4.057 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 7148
Ion Ratio Lower Upper
101 100
85 42.9 34.7 52.1
151 69.3 63.0 94.4

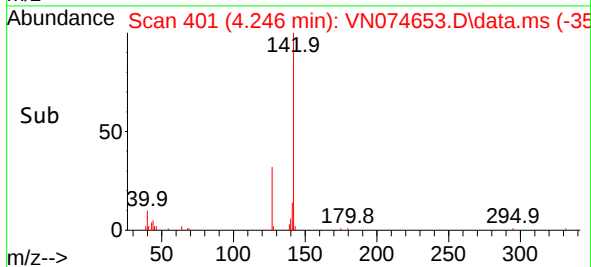
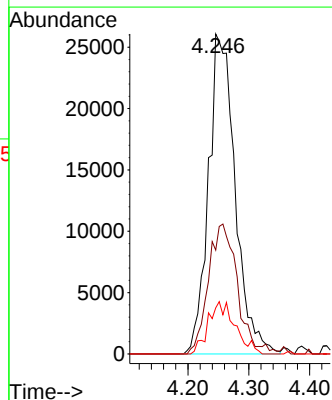
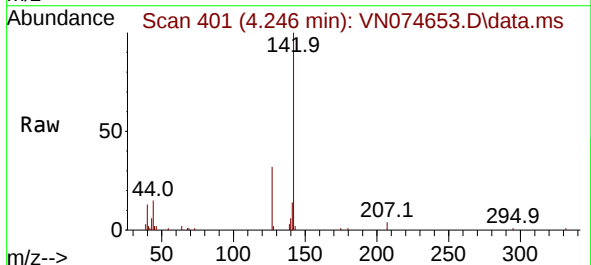
Manual Integrations
APPROVED

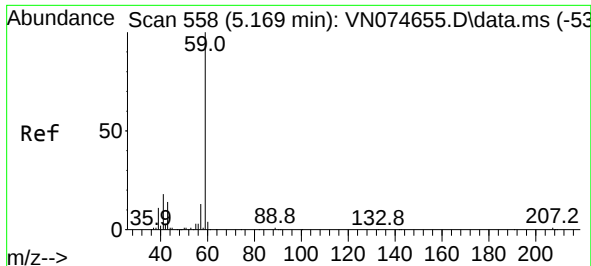
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#10
Methyl Iodide
Concen: 9.584 ug/l
RT: 4.246 min Scan# 401
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

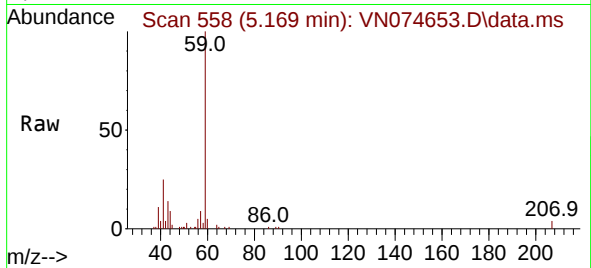
Tgt Ion:142 Resp: 79558
Ion Ratio Lower Upper
142 100
127 44.1 31.3 46.9
141 16.5 11.2 16.8





#11
Tert butyl alcohol
Concen: 47.838 ug/l
RT: 5.169 min Scan# 558
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

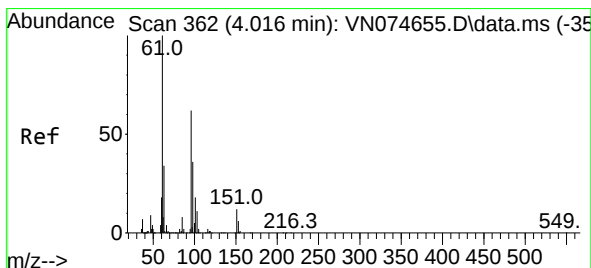
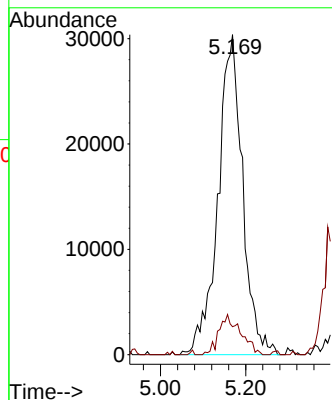
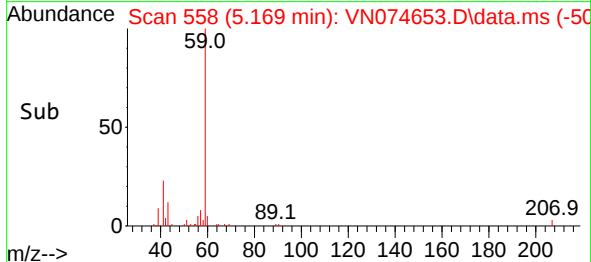
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



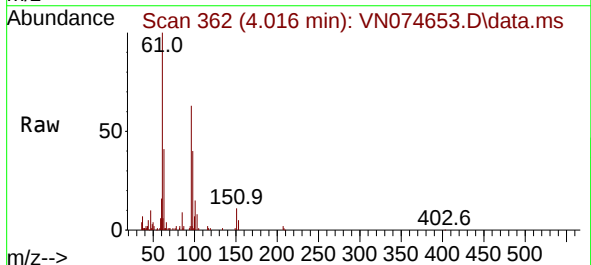
Tgt Ion: 59 Resp: 121390
Ion Ratio Lower Upper
59 100
57 11.2 8.3 12.5

Manual Integrations
APPROVED

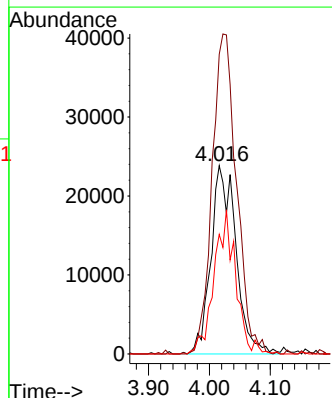
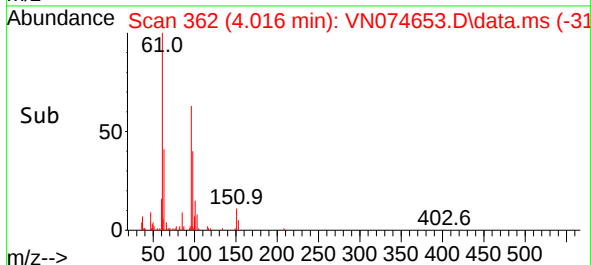
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

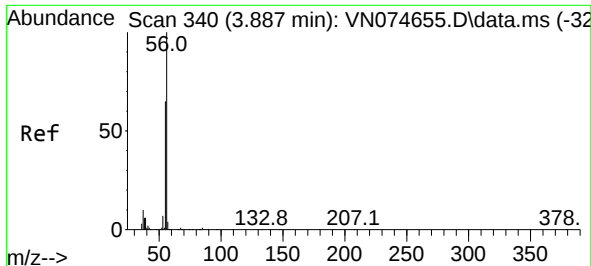


#12
1,1-Dichloroethene
Concen: 9.621 ug/l
RT: 4.016 min Scan# 362
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



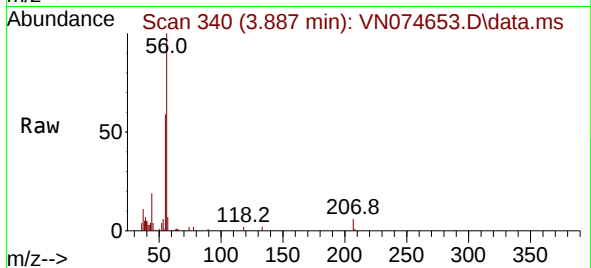
Tgt Ion: 96 Resp: 68127
Ion Ratio Lower Upper
96 100
61 159.2 127.6 191.4
98 63.5 51.2 76.8





#13
Acrolein
Concen: 42.969 ug/l
RT: 3.887 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

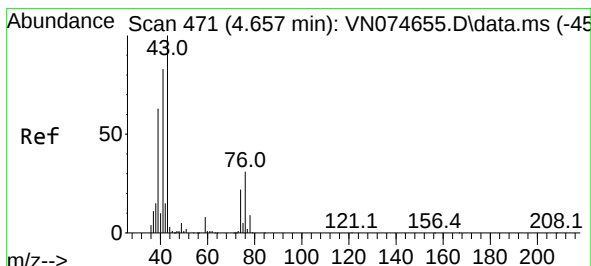
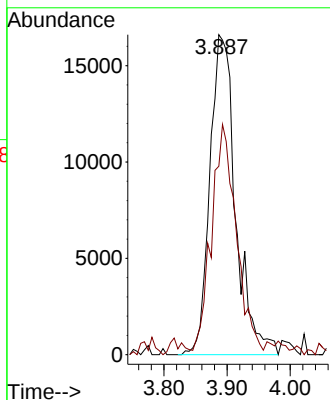
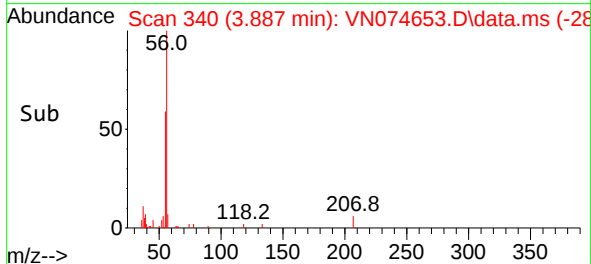
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 47118
Ion Ratio Lower Upper
56 100
55 66.8 54.8 82.2

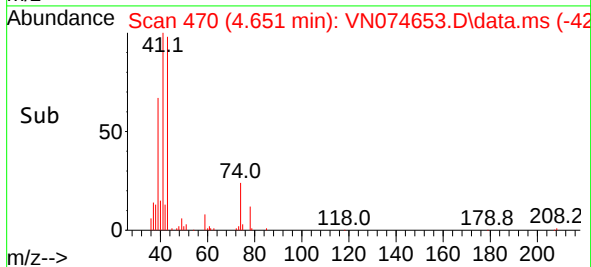
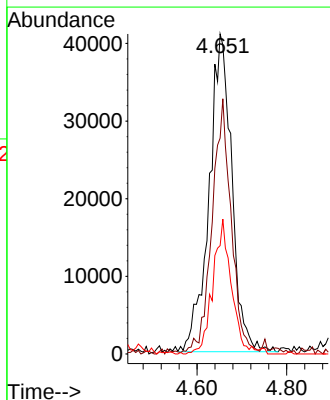
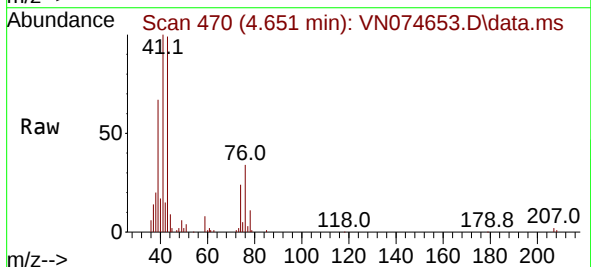
Manual Integrations
APPROVED

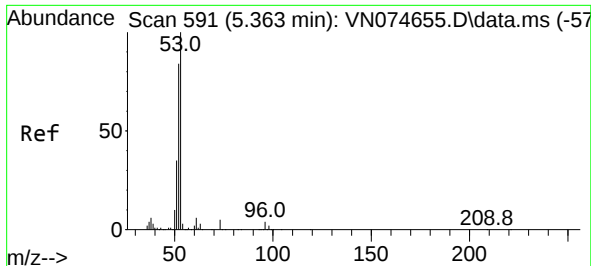
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#14
Allyl chloride
Concen: 9.436 ug/l
RT: 4.651 min Scan# 470
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

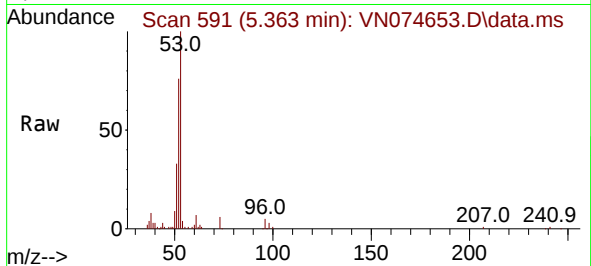
Tgt Ion: 41 Resp: 144332
Ion Ratio Lower Upper
41 100
39 67.2 53.2 79.8
76 34.4 29.9 44.9





#15
Acrylonitrile
Concen: 47.903 ug/l
RT: 5.363 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

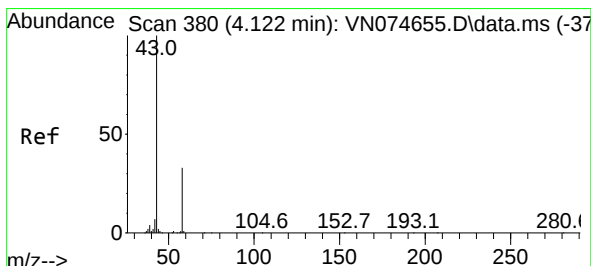
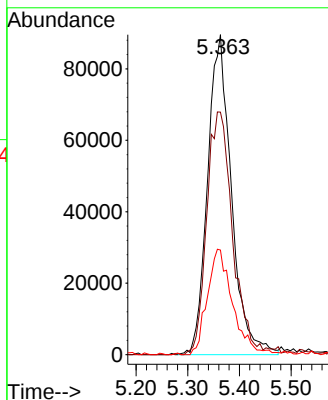
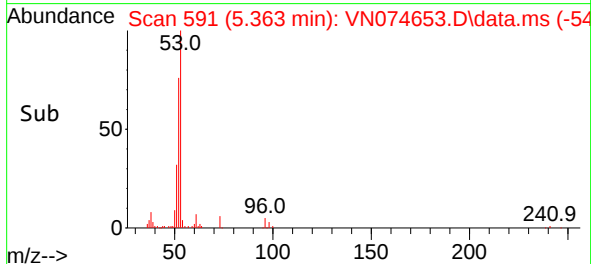
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



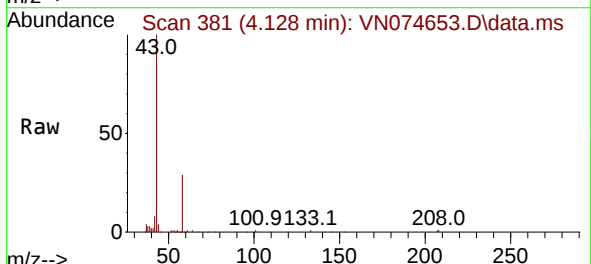
Tgt Ion: 53 Resp: 286838
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 35.0 28.5 42.7

Manual Integrations
APPROVED

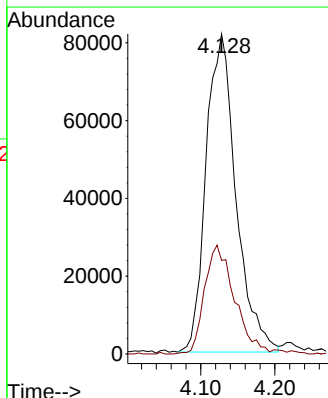
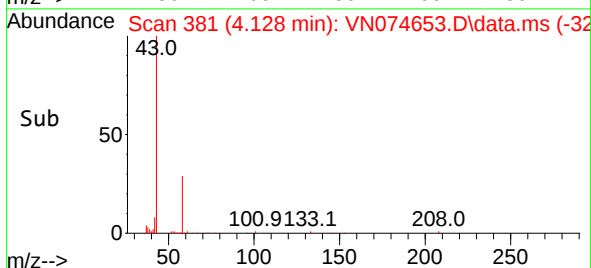
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

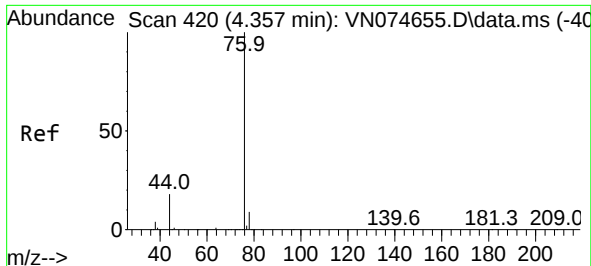


#16
Acetone
Concen: 44.797 ug/l
RT: 4.128 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



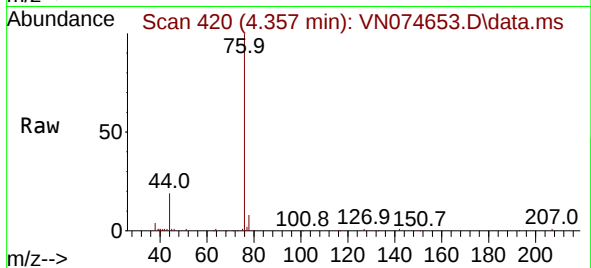
Tgt Ion: 43 Resp: 229743
Ion Ratio Lower Upper
43 100
58 29.2 26.0 39.0





#17
Carbon Disulfide
Concen: 9.684 ug/l
RT: 4.357 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

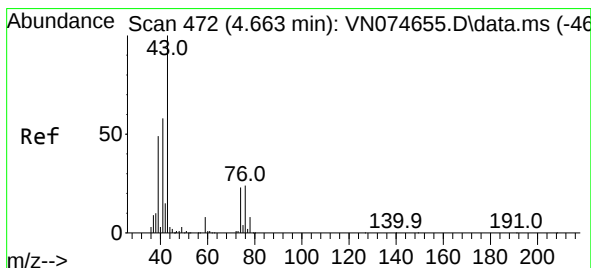
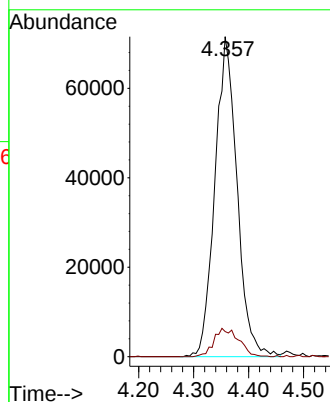
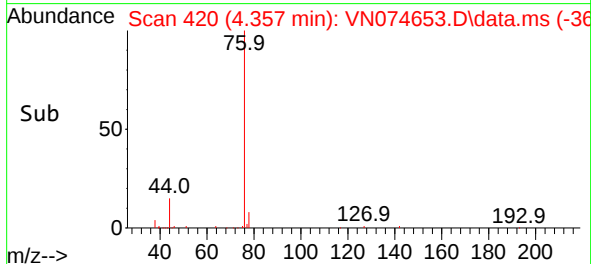
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 20012
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8

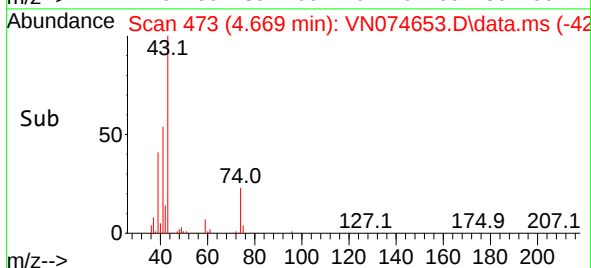
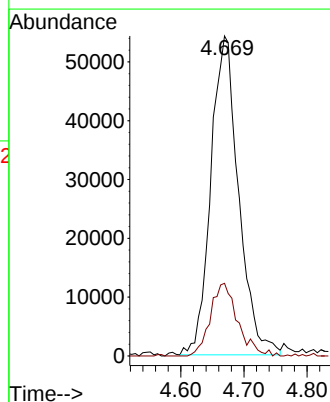
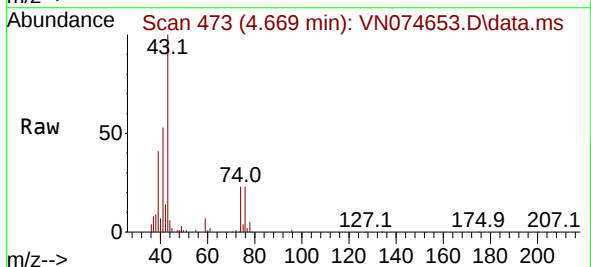
Manual Integrations
APPROVED

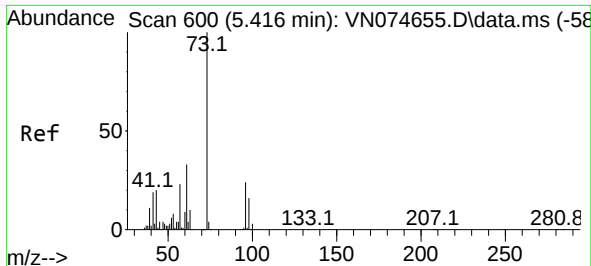
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#18
Methyl Acetate
Concen: 9.452 ug/l
RT: 4.669 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

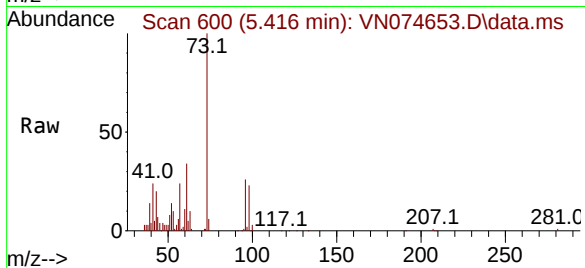
Tgt Ion: 43 Resp: 165943
Ion Ratio Lower Upper
43 100
74 22.1 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 9.435 ug/l
RT: 5.416 min Scan# 600
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

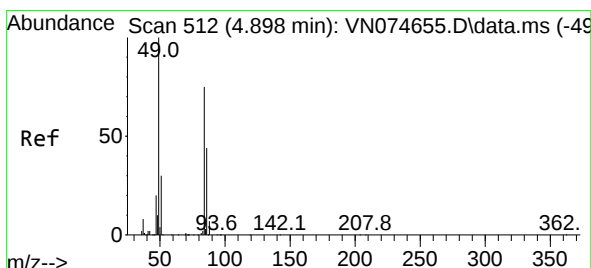
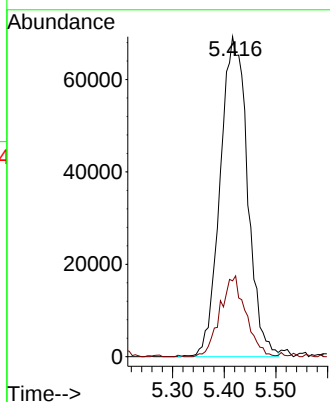
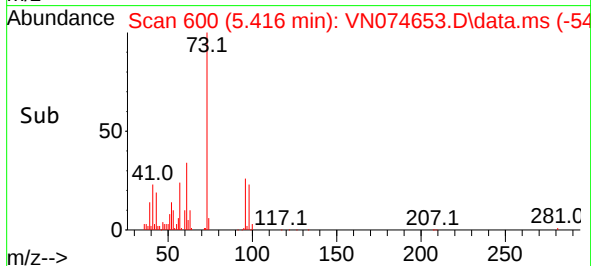
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 73 Resp: 25499
Ion Ratio Lower Upper
73 100
57 23.3 17.6 26.4

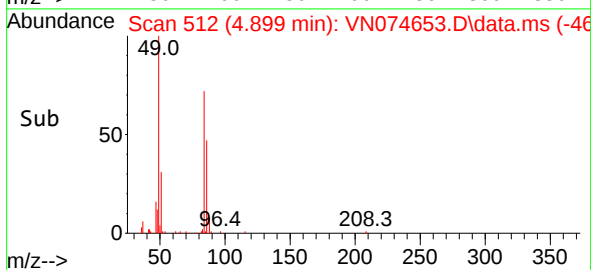
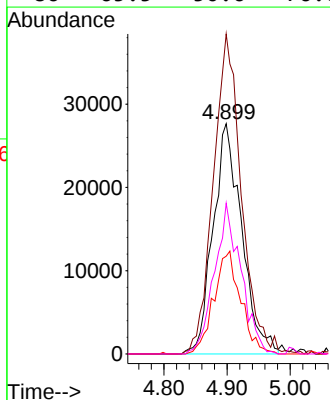
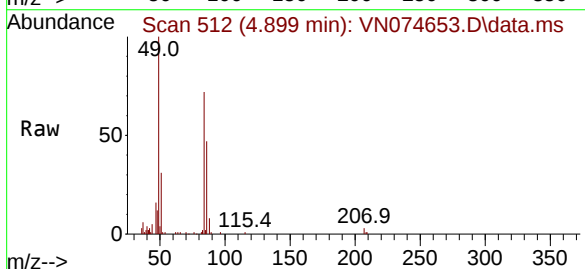
Manual Integrations
APPROVED

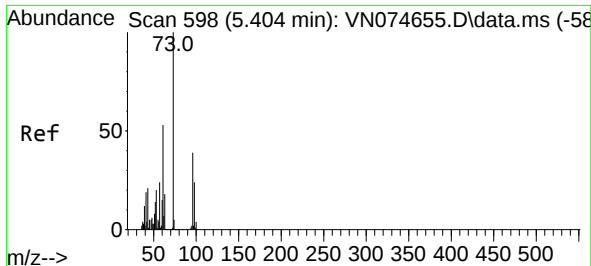
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#20
Methylene Chloride
Concen: 8.966 ug/l
RT: 4.899 min Scan# 512
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

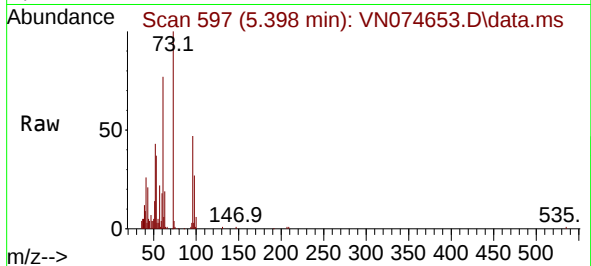
Tgt Ion: 84 Resp: 87285
Ion Ratio Lower Upper
84 100
49 139.0 88.3 132.5#
51 42.5 28.2 42.2#
86 65.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 9.714 ug/l
RT: 5.398 min Scan# 598
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

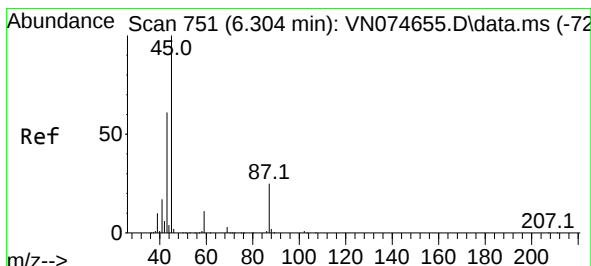
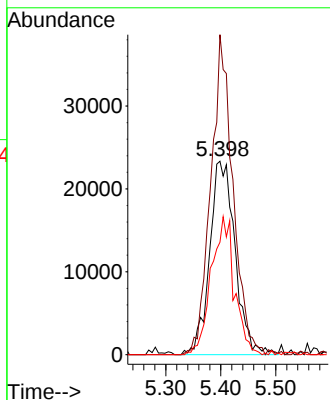
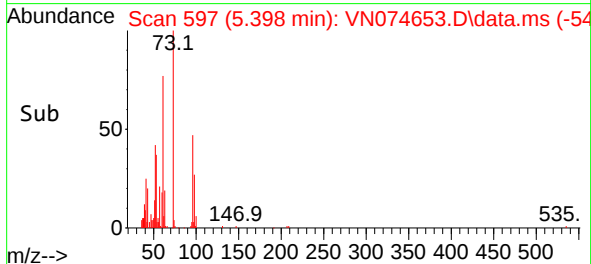
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 7514
Ion Ratio Lower Upper
96 100
61 165.4 105.8 158.8
98 58.1 50.3 75.5

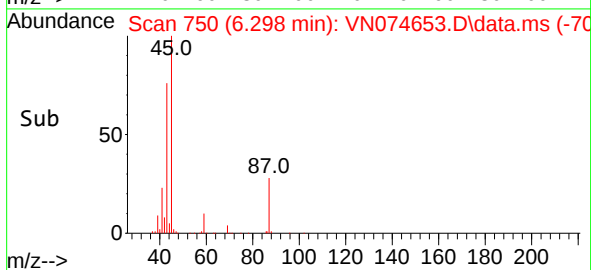
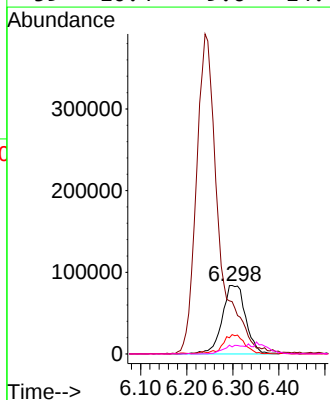
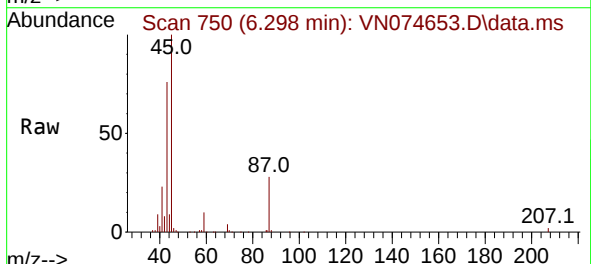
Manual Integrations
APPROVED

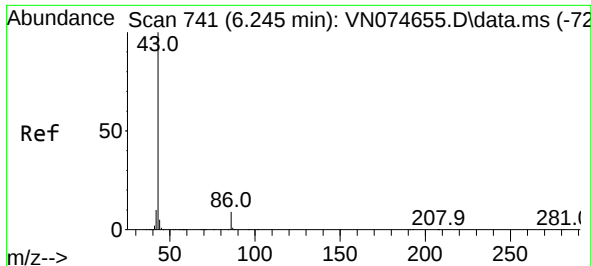
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#22
Diisopropyl ether
Concen: 9.511 ug/l
RT: 6.298 min Scan# 750
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

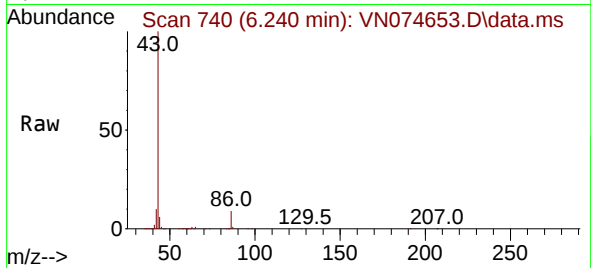
Tgt Ion: 45 Resp: 295955
Ion Ratio Lower Upper
45 100
43 73.1 46.6 70.0
87 28.0 24.3 36.5
59 10.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 47.583 ug/l
 RT: 6.240 min Scan# 741
 Delta R.T. -0.006 min
 Lab File: VN074653.D
 Acq: 29 Sep 2022 14:32

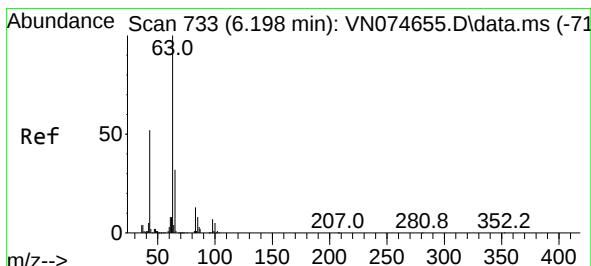
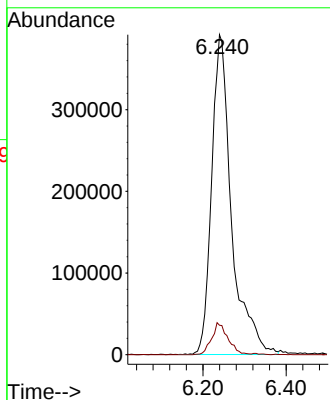
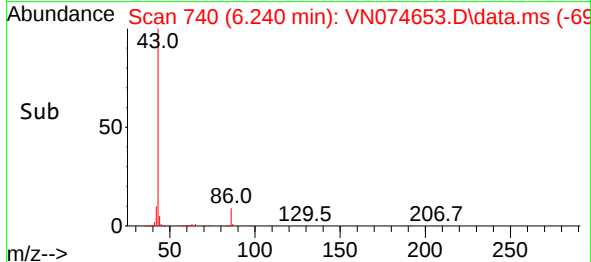
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



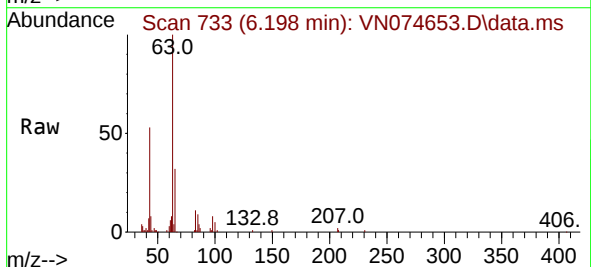
Tgt Ion: 43 Resp: 1301310
 Ion Ratio Lower Upper
 43 100
 86 9.2 10.0 15.0

Manual Integrations
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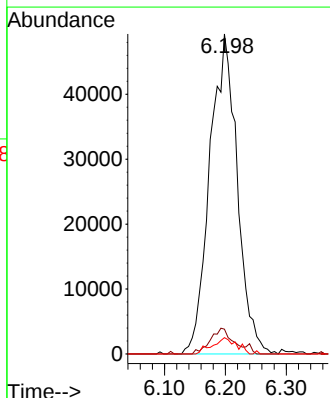
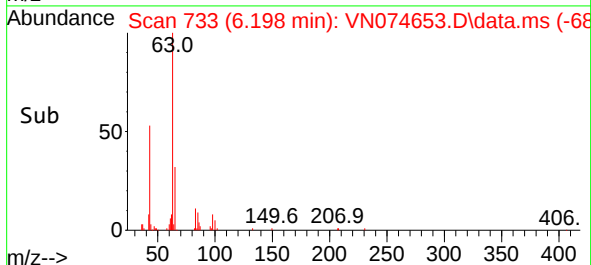
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022

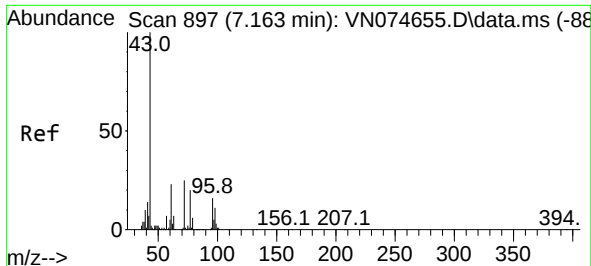


#24
 1,1-Dichloroethane
 Concen: 9.725 ug/l
 RT: 6.198 min Scan# 733
 Delta R.T. 0.000 min
 Lab File: VN074653.D
 Acq: 29 Sep 2022 14:32



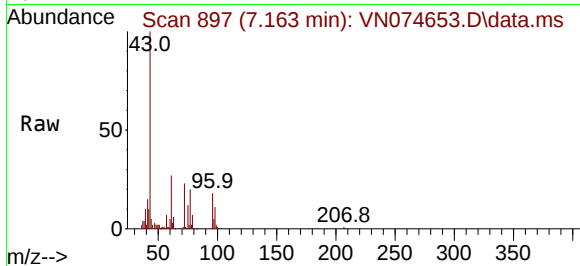
Tgt Ion: 63 Resp: 154405
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 5.1 2.3 6.8





#25
2-Butanone
Concen: 47.408 ug/l
RT: 7.163 min Scan# 897
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

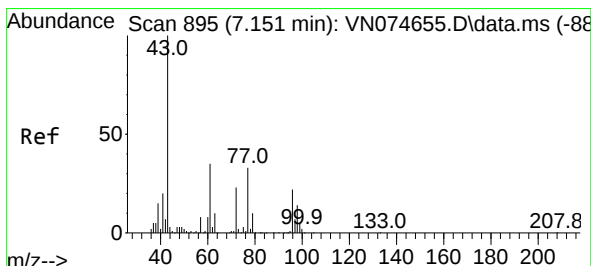
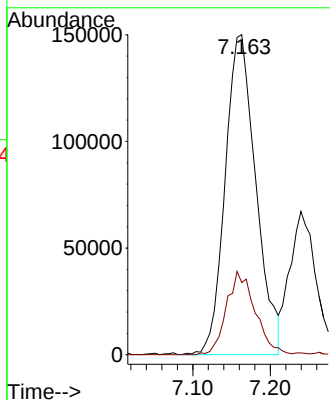
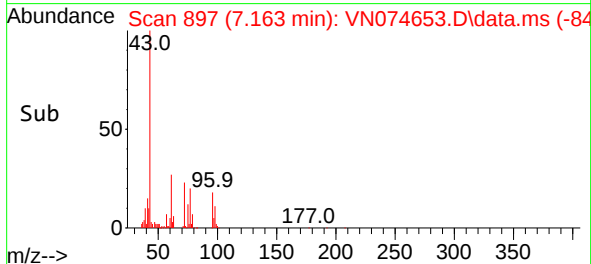
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



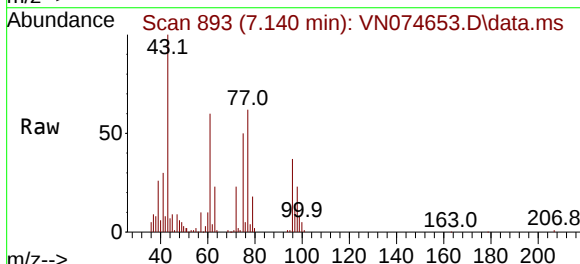
Tgt Ion: 43 Resp: 414640
Ion Ratio Lower Upper
43 100
72 22.5 23.7 35.5

Manual Integrations
APPROVED

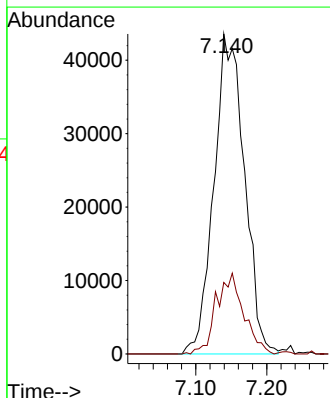
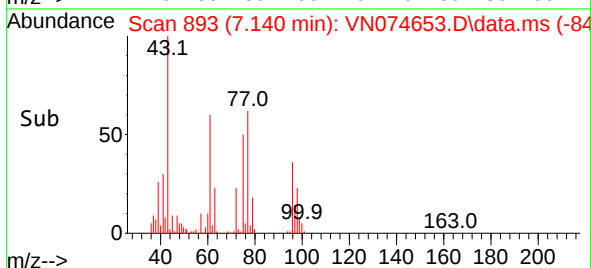
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

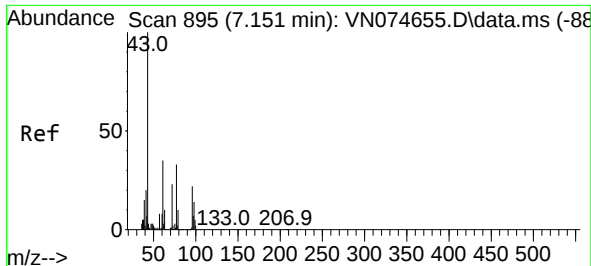


#26
2,2-Dichloropropane
Concen: 9.622 ug/l
RT: 7.140 min Scan# 893
Delta R.T. -0.012 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



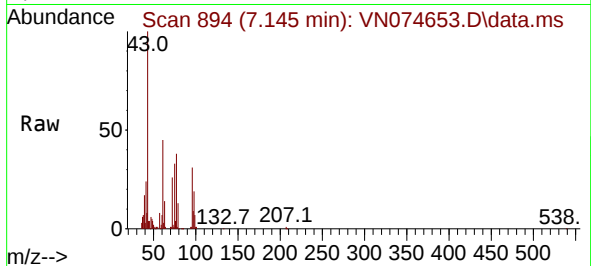
Tgt Ion: 77 Resp: 129931
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 9.338 ug/l
RT: 7.145 min Scan# 895
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

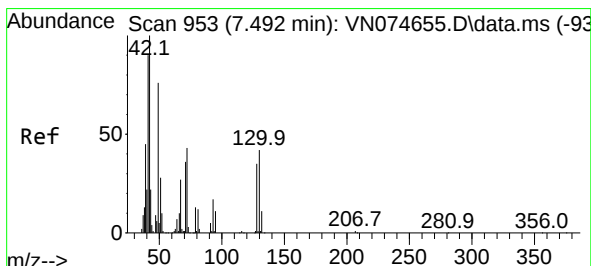
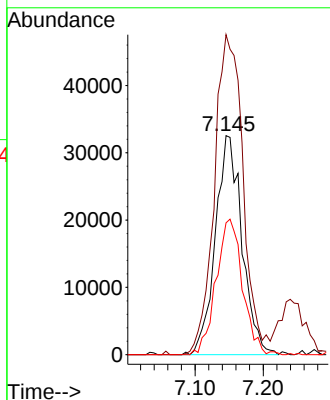
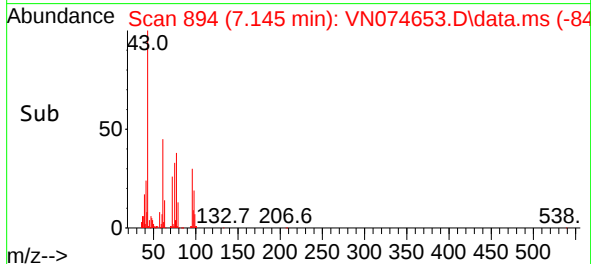
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 8835
Ion Ratio Lower Upper
96 100
61 157.9 0.0 280.6
98 61.5 0.0 128.4

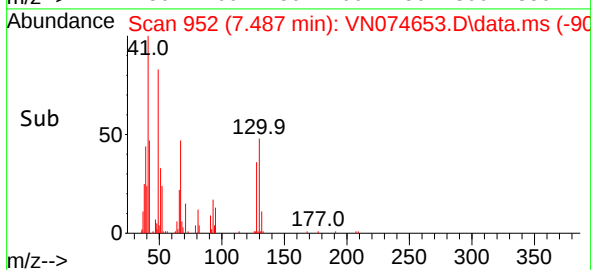
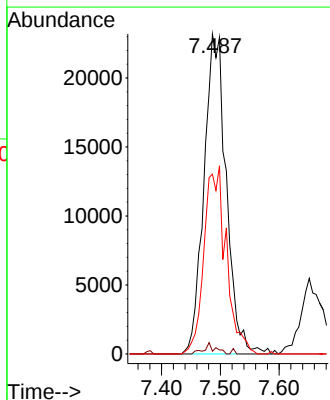
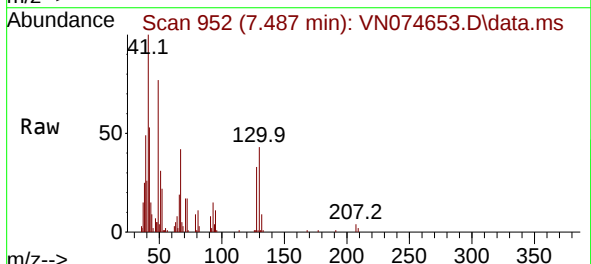
Manual Integrations
APPROVED

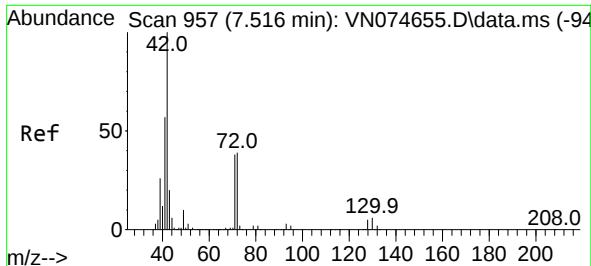
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#28
Bromochloromethane
Concen: 8.491 ug/l
RT: 7.487 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

Tgt Ion: 49 Resp: 61217
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.6
130 58.0 69.7 104.5#





#29

Tetrahydrofuran

Concen: 47.240 ug/l

RT: 7.516 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074653.D

Acq: 29 Sep 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

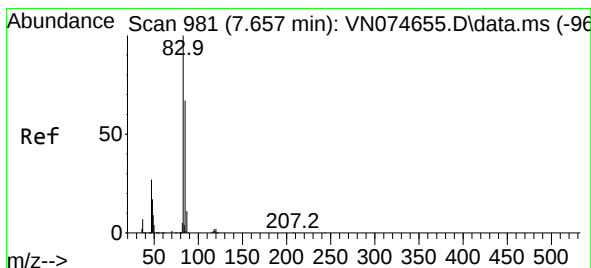
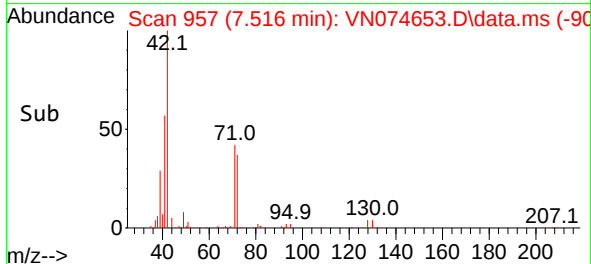
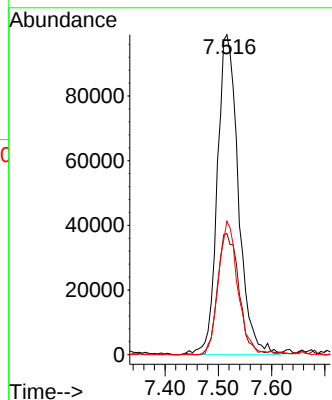
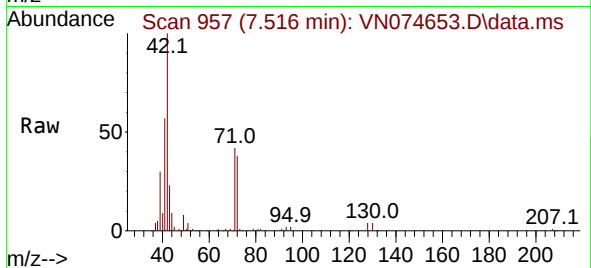
Tgt Ion:	42	Resp:	27261
Ion Ratio	Lower	Upper	
42	100		
72	38.1	39.7	59.5
71	38.0	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#30

Chloroform

Concen: 9.961 ug/l

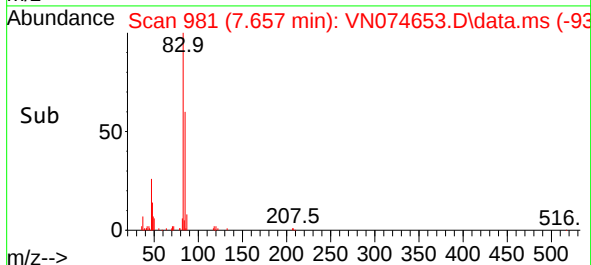
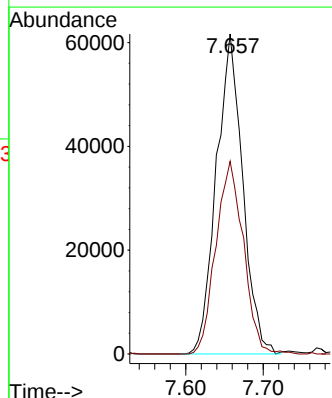
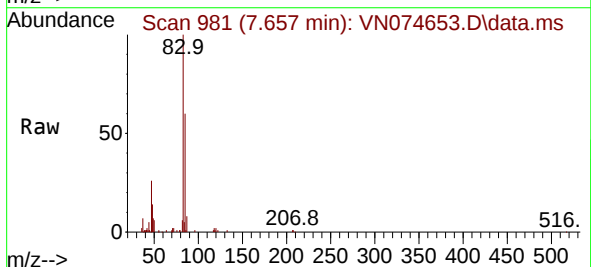
RT: 7.657 min Scan# 981

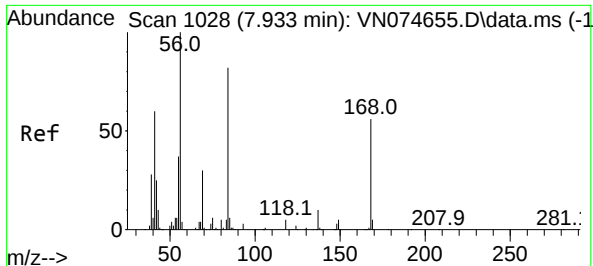
Delta R.T. 0.000 min

Lab File: VN074653.D

Acq: 29 Sep 2022 14:32

Tgt Ion:	83	Resp:	145754
Ion Ratio	Lower	Upper	
83	100		
85	60.2	51.8	77.8





#31

Cyclohexane

Concen: 10.007 ug/l

RT: 7.928 min Scan# 1027

Delta R.T. -0.006 min

Lab File: VN074653.D

Acq: 29 Sep 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 154489

Ion Ratio Lower Upper

56 100

69 32.5 27.8 41.8

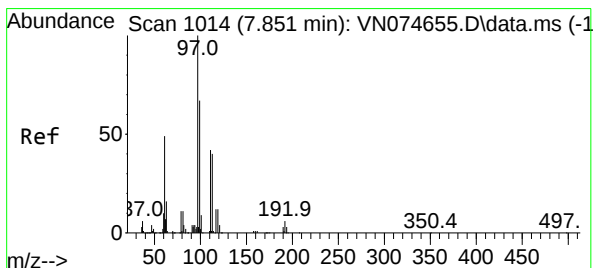
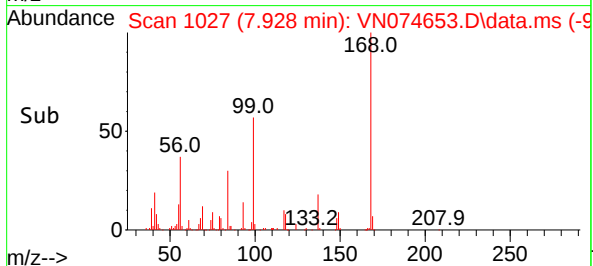
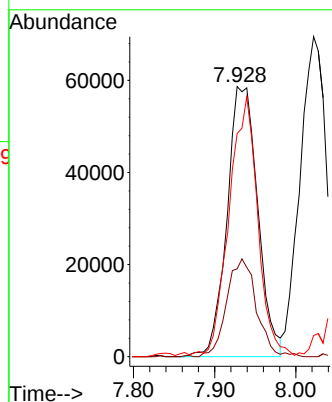
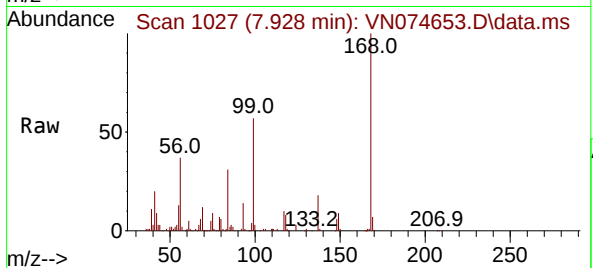
84 81.0 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#32

1,1,1-Trichloroethane

Concen: 9.187 ug/l

RT: 7.851 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VN074653.D

Acq: 29 Sep 2022 14:32

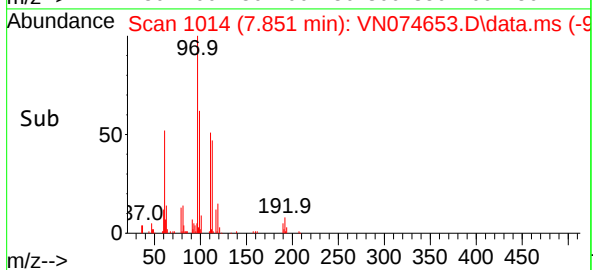
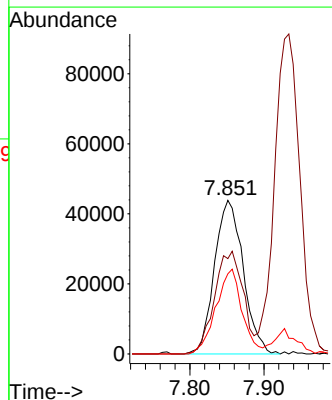
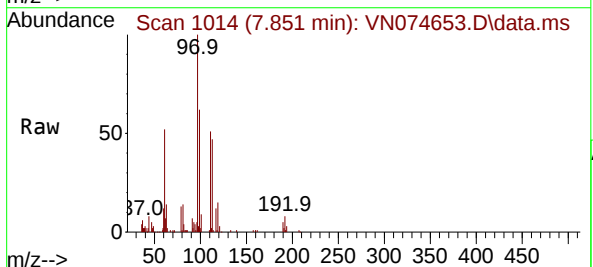
Tgt Ion: 97 Resp: 117968

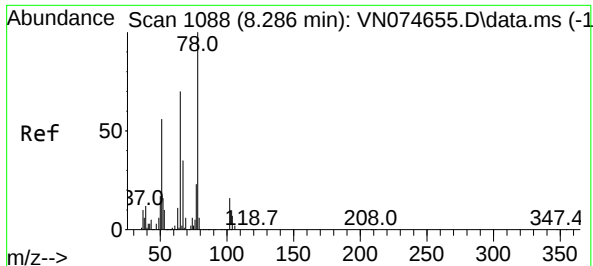
Ion Ratio Lower Upper

97 100

99 66.6 50.6 76.0

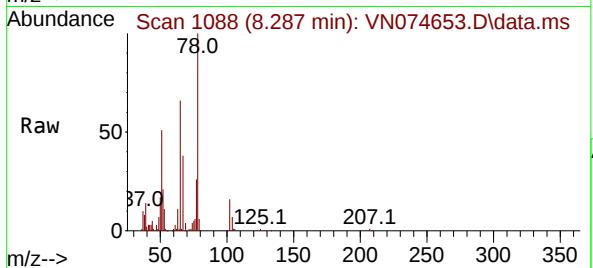
61 50.4 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 9.758 ug/l
RT: 8.287 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

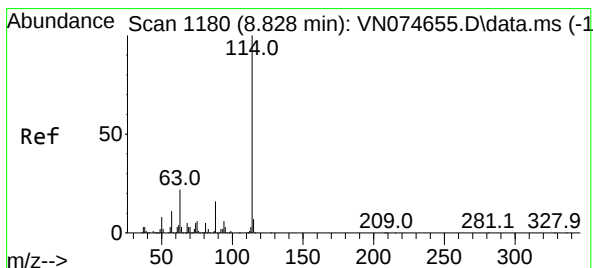
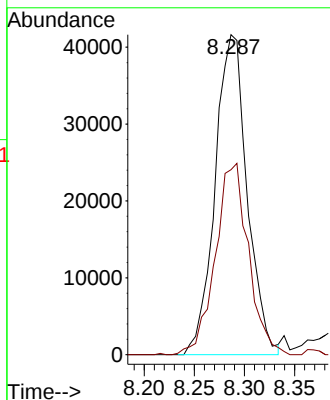
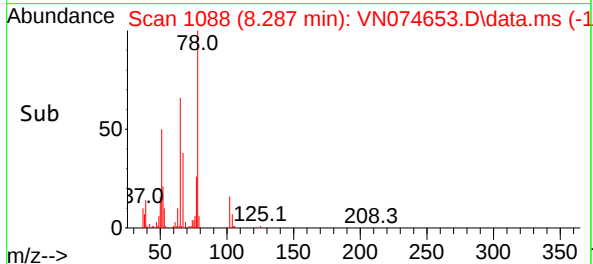
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



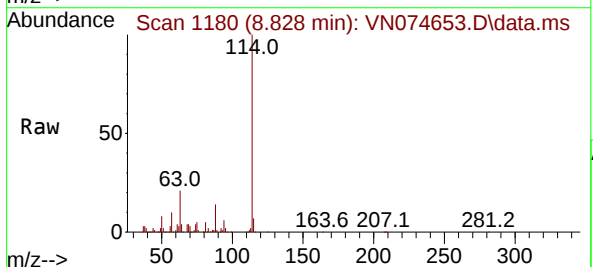
Tgt Ion: 65 Resp: 92725
Ion Ratio Lower Upper
65 100
67 61.7 0.0 104.8

Manual Integrations
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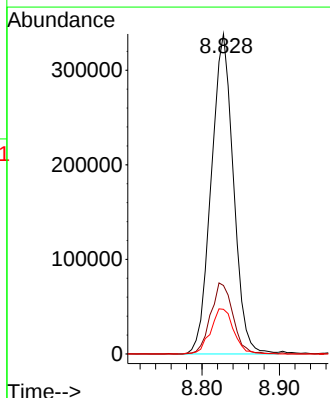
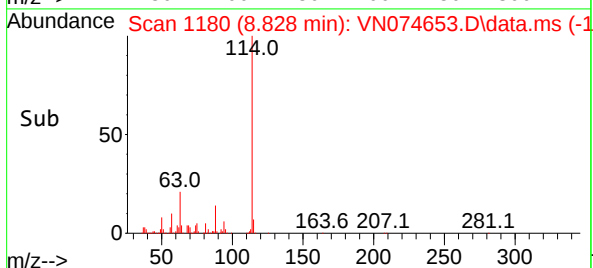
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

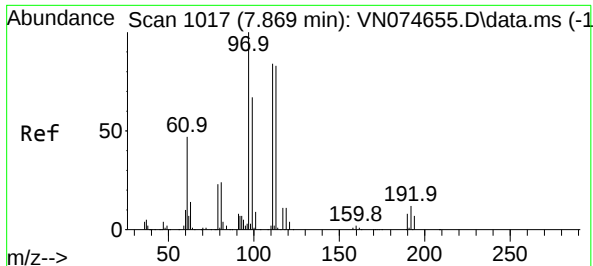


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.828 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



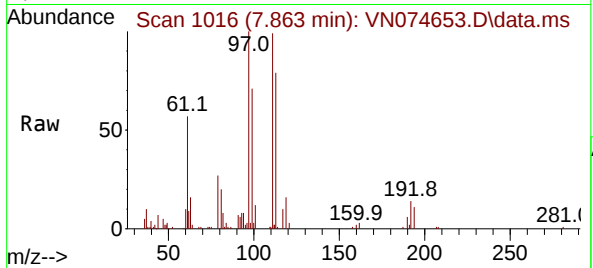
Tgt Ion:114 Resp: 672903
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.0
88 14.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 9.837 ug/l
RT: 7.863 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

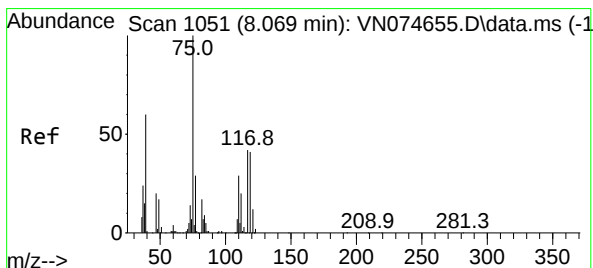
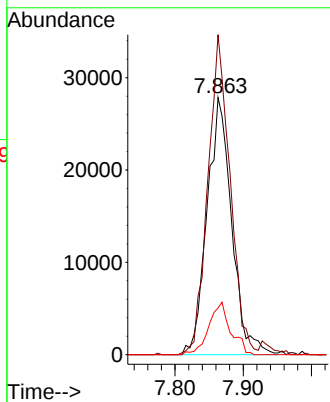
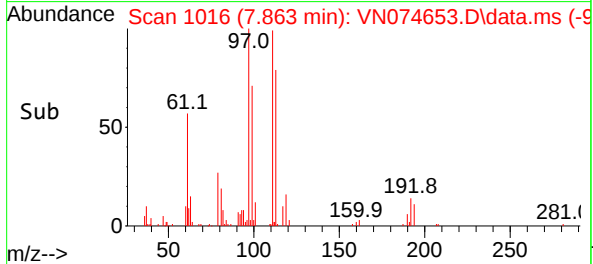
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:113 Resp: 70060
Ion Ratio Lower Upper
113 100
111 112.4 81.4 122.0
192 18.2 17.0 25.6

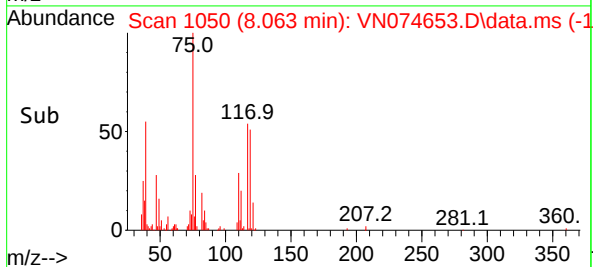
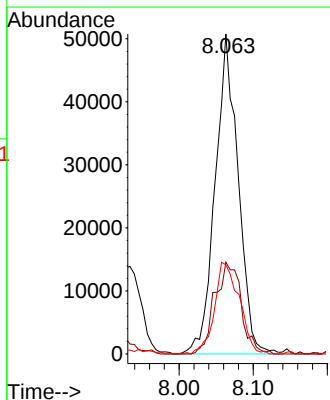
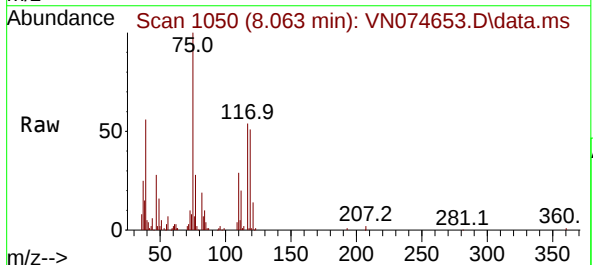
Manual Integrations
APPROVED

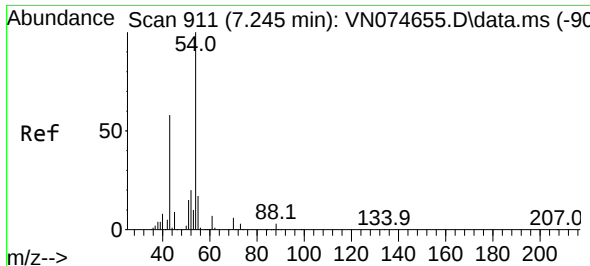
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#36
1,1-Dichloropropene
Concen: 9.569 ug/l
RT: 8.063 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

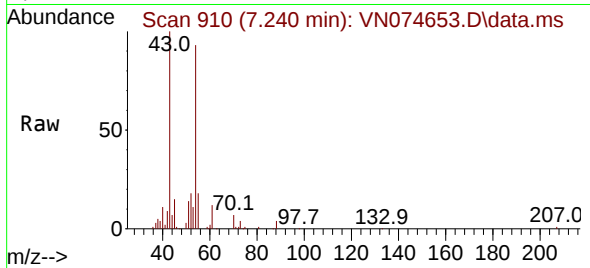
Tgt Ion: 75 Resp: 109148
Ion Ratio Lower Upper
75 100
110 32.9 18.3 54.8
77 30.9 25.1 37.7





#37
Ethyl Acetate
Concen: 9.936 ug/l
RT: 7.240 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

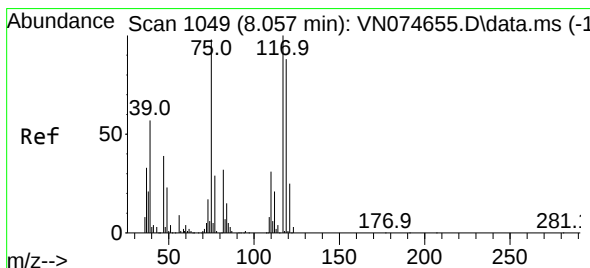
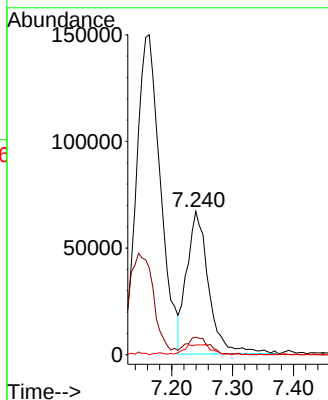
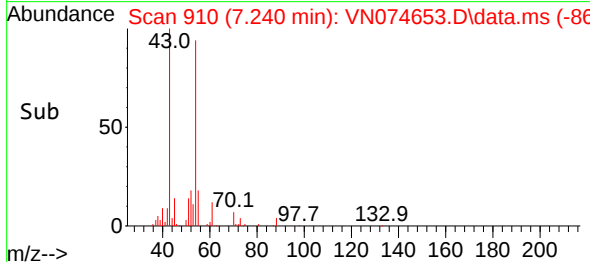
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 168052
Ion Ratio Lower Upper
43 100
61 12.0 11.8 17.6
70 8.6 9.3 13.9

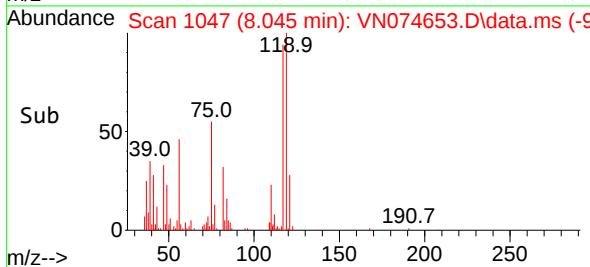
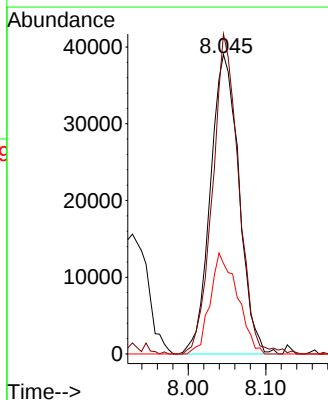
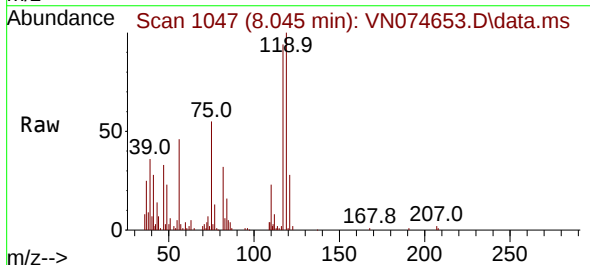
Manual Integrations
APPROVED

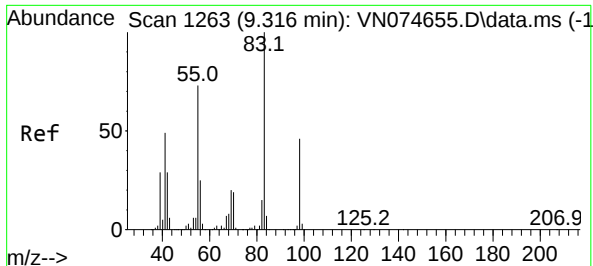
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#38
Carbon Tetrachloride
Concen: 9.582 ug/l
RT: 8.045 min Scan# 1047
Delta R.T. -0.012 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

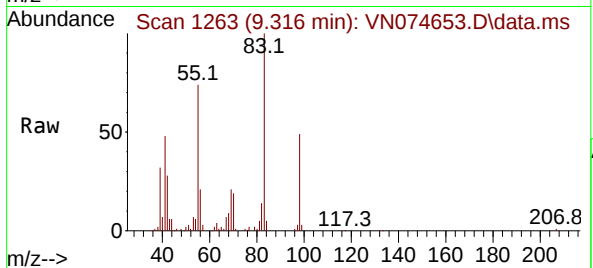
Tgt Ion:117 Resp: 100132
Ion Ratio Lower Upper
117 100
119 106.8 75.8 113.8
121 30.3 24.6 37.0





#39
Methylcyclohexane
Concen: 10.131 ug/l
RT: 9.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

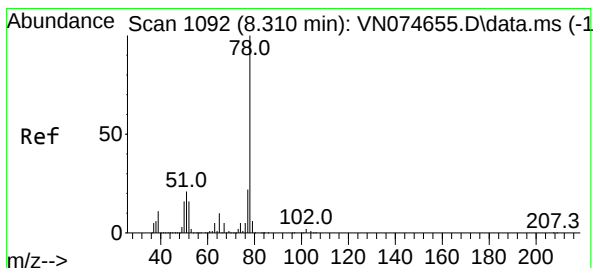
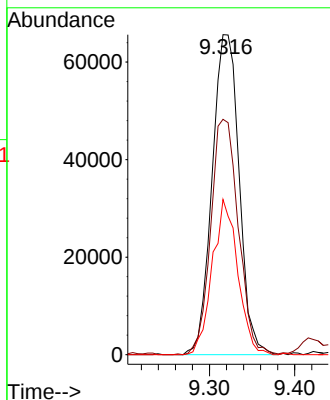
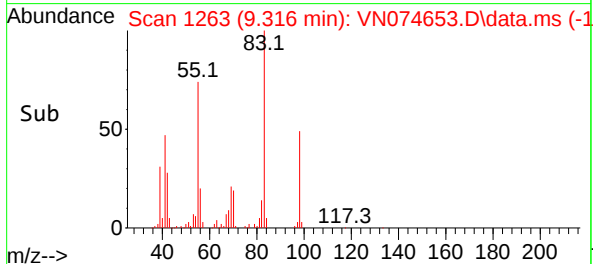
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 144262
Ion Ratio Lower Upper
83 100
55 73.3 57.8 86.8
98 48.5 39.4 59.2

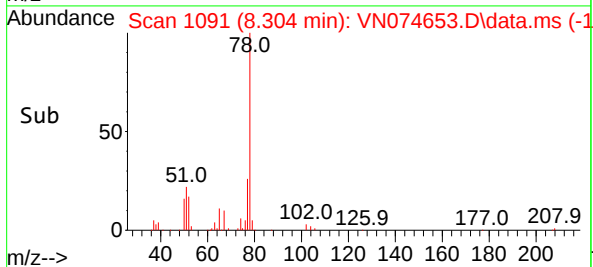
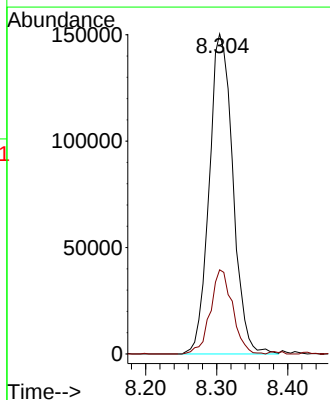
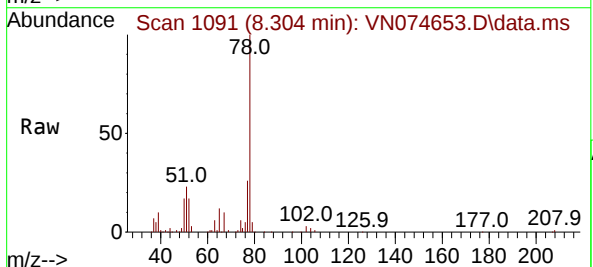
Manual Integrations
APPROVED

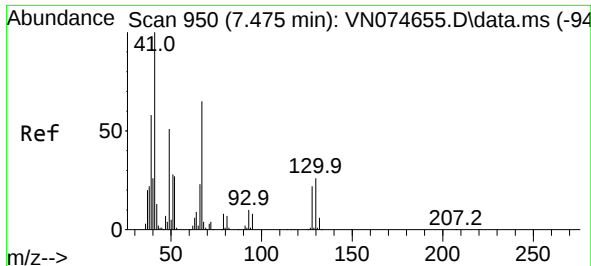
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#40
Benzene
Concen: 9.876 ug/l
RT: 8.304 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

Tgt Ion: 78 Resp: 347206
Ion Ratio Lower Upper
78 100
77 26.3 19.4 29.0





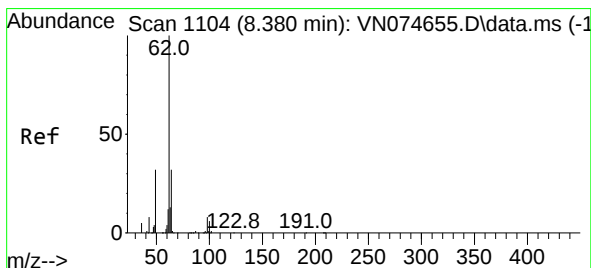
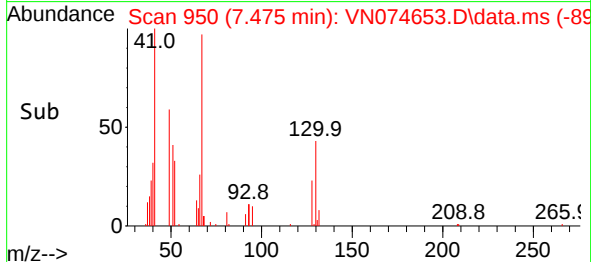
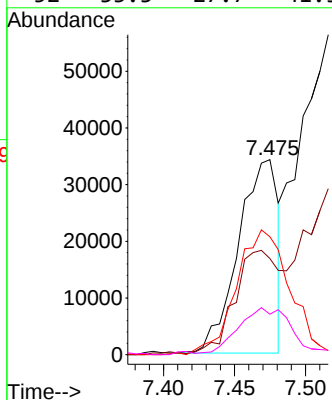
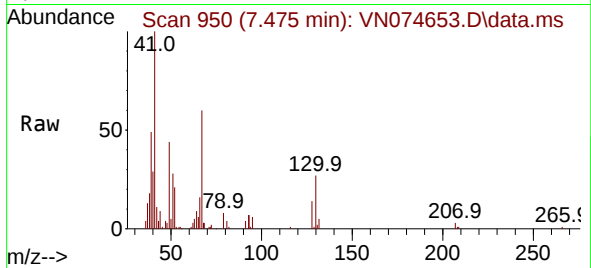
#41
Methacrylonitrile
Concen: 9.004 ug/l
RT: 7.475 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 66529
Ion Ratio Lower Upper
41 100
39 64.2 48.6 73.0
67 87.5 73.4 110.2
52 33.3 27.7 41.5

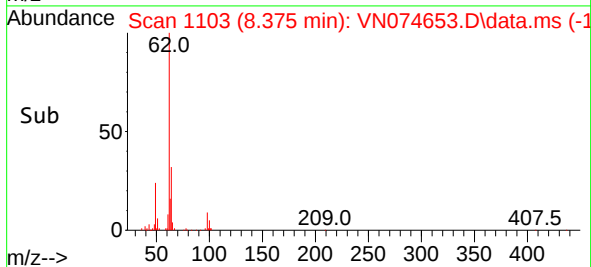
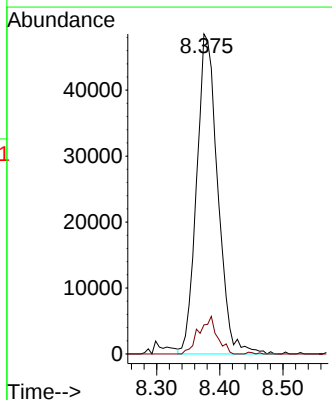
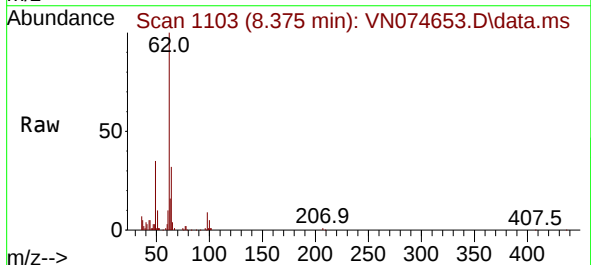
Manual Integrations
APPROVED

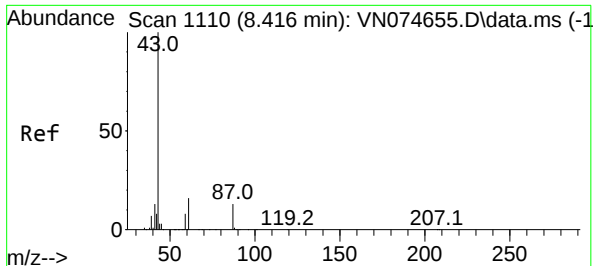
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#42
1,2-Dichloroethane
Concen: 9.535 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

Tgt Ion: 62 Resp: 112612
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.4





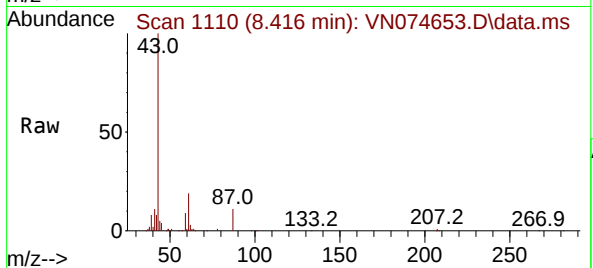
#43
Isopropyl Acetate
Concen: 9.741 ug/l
RT: 8.416 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010



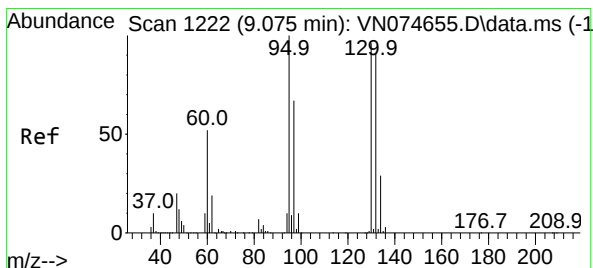
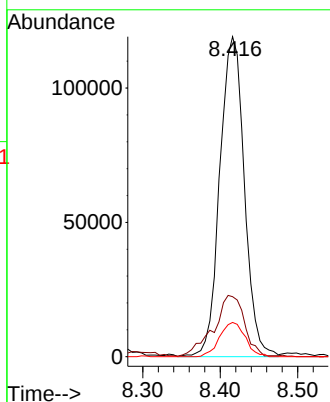
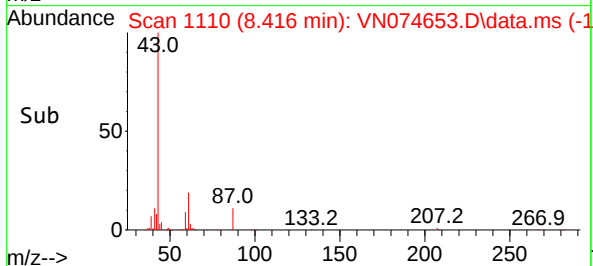
Tgt Ion: 43 Resp: 26287
Ion Ratio Lower Upper
43 100
61 23.5 21.9 32.9
87 11.1 12.0 18.0

Manual Integrations

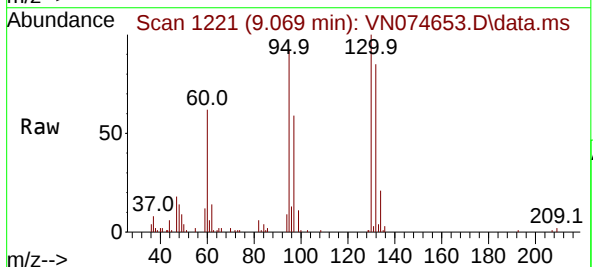
APPROVED

Reviewed By :John Carlone 09/30/2022

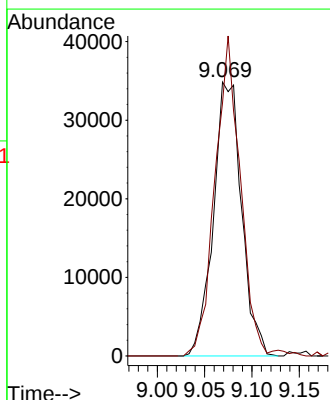
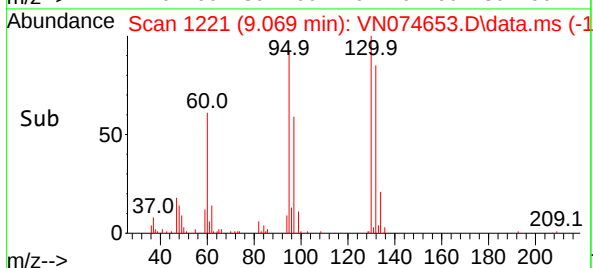
Supervised By :Mahesh Dadoda 10/05/2022

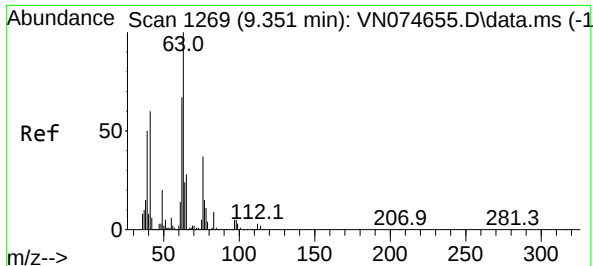


#44
Trichloroethene
Concen: 9.887 ug/l
RT: 9.069 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



Tgt Ion:130 Resp: 72414
Ion Ratio Lower Upper
130 100
95 92.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 9.611 ug/l

RT: 9.351 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VN074653.D

Acq: 29 Sep 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 9198

Ion Ratio Lower Upper

63 100

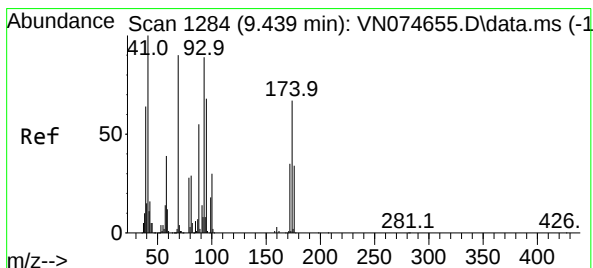
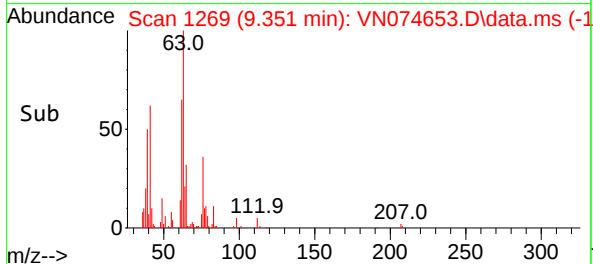
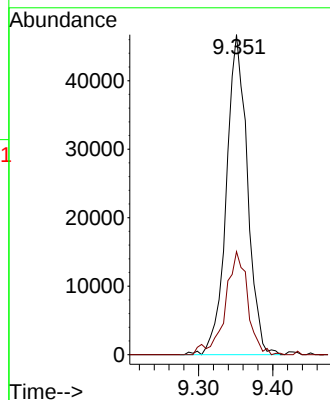
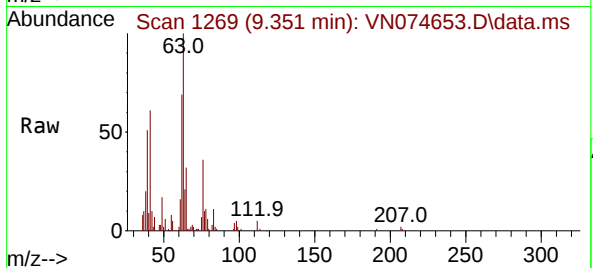
65 32.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#46

Dibromomethane

Concen: 9.667 ug/l

RT: 9.445 min Scan# 1285

Delta R.T. 0.006 min

Lab File: VN074653.D

Acq: 29 Sep 2022 14:32

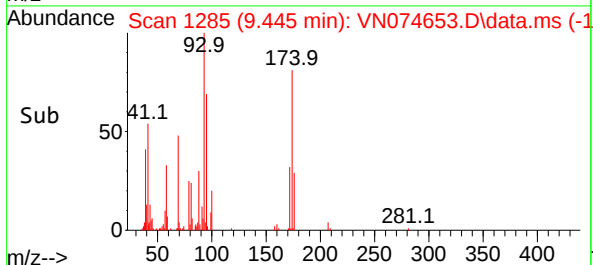
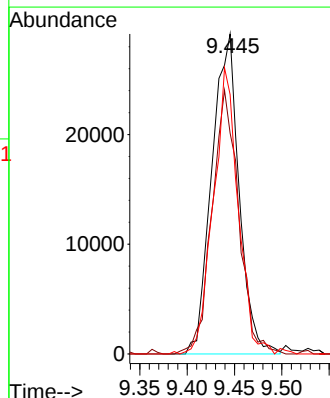
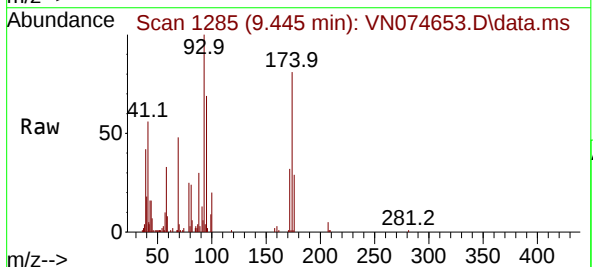
Tgt Ion: 93 Resp: 58319

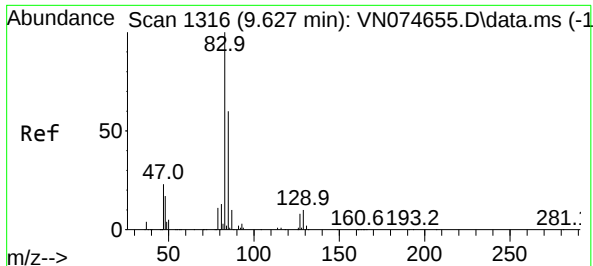
Ion Ratio Lower Upper

93 100

95 81.2 66.9 100.3

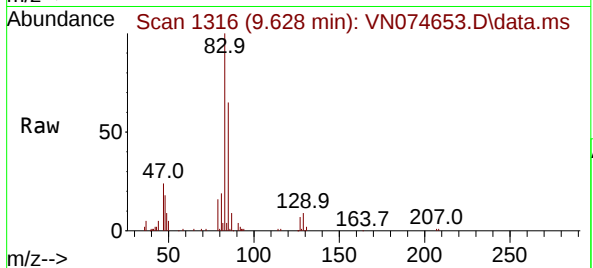
174 81.6 86.6 130.0#





#47
Bromodichloromethane
Concen: 9.507 ug/l
RT: 9.628 min Scan# 112093
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

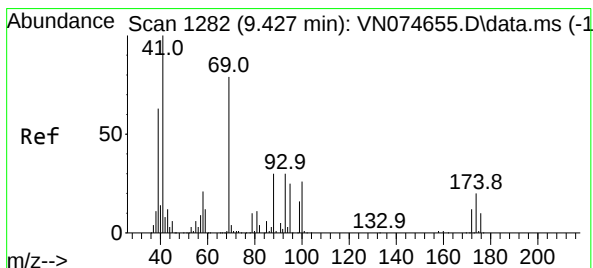
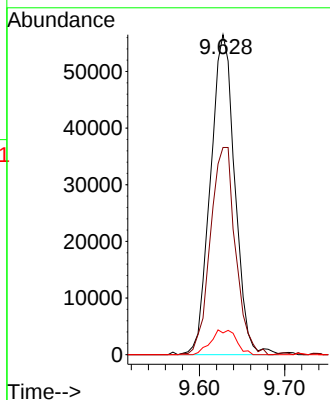
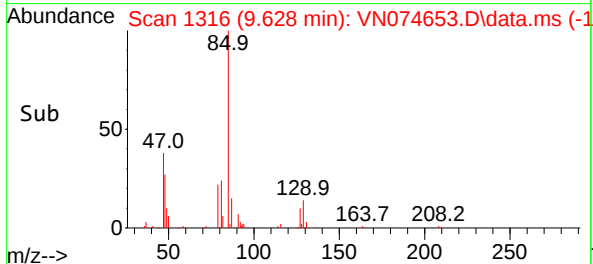
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



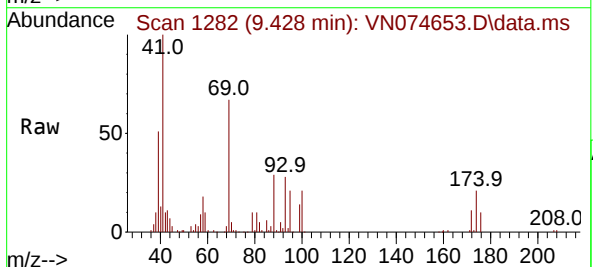
Tgt Ion: 83 Resp: 112093
Ion Ratio Lower Upper
83 100
85 64.7 50.5 75.7
127 6.8 6.8 10.2

Manual Integrations
APPROVED

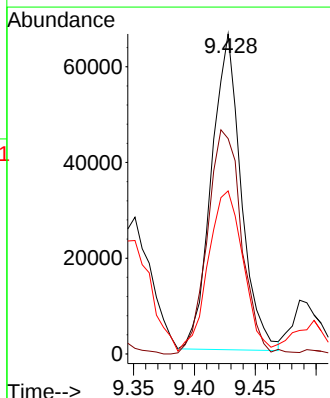
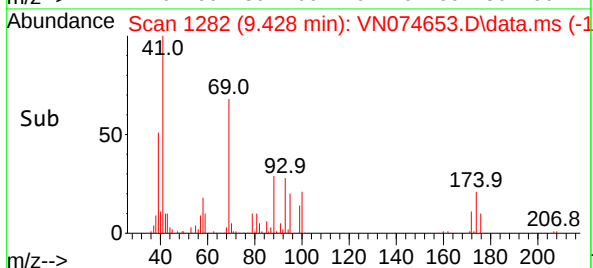
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

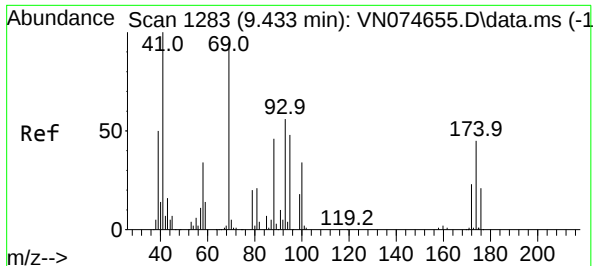


#48
Methyl methacrylate
Concen: 10.105 ug/l
RT: 9.428 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



Tgt Ion: 41 Resp: 112380
Ion Ratio Lower Upper
41 100
69 81.5 74.7 112.1
39 60.8 45.6 68.4





#49

1,4-Dioxane

Concen: 201.036 ug/l

RT: 9.434 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VN074653.D

Acq: 29 Sep 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

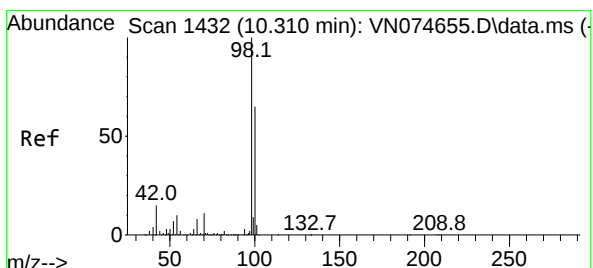
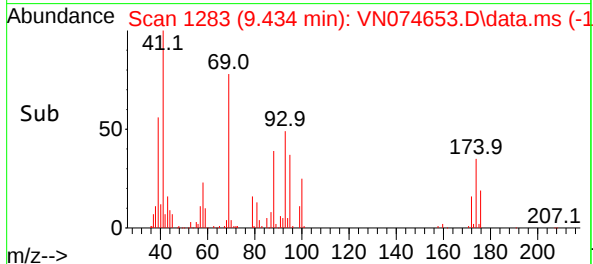
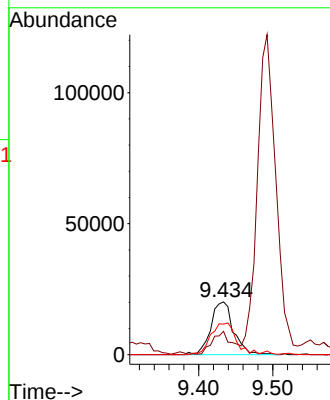
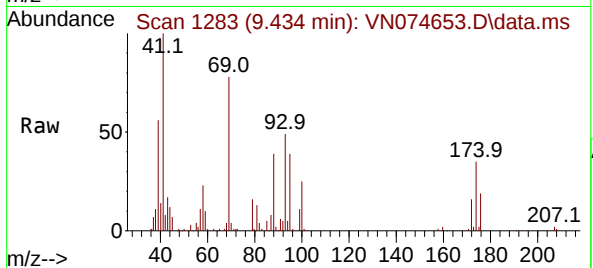
Tgt Ion: 88 Resp: 42645
 Ion Ratio Lower Upper
 88 100
 43 37.2 20.2 30.4
 58 66.5 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#50

Toluene-d8

Concen: 9.921 ug/l

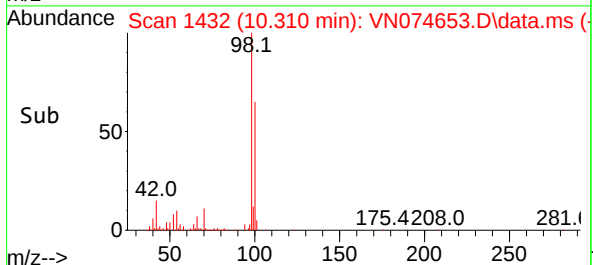
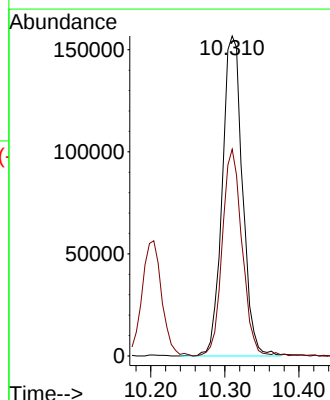
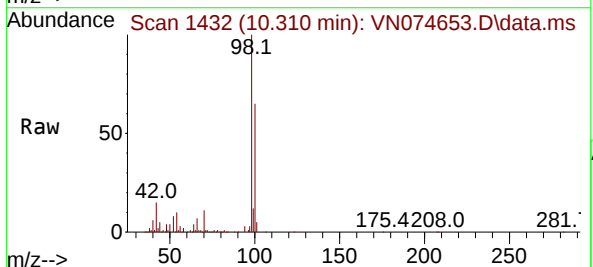
RT: 10.310 min Scan# 1432

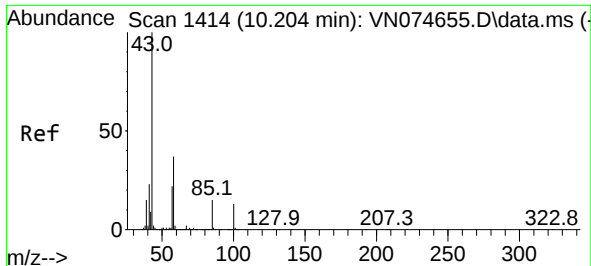
Delta R.T. 0.000 min

Lab File: VN074653.D

Acq: 29 Sep 2022 14:32

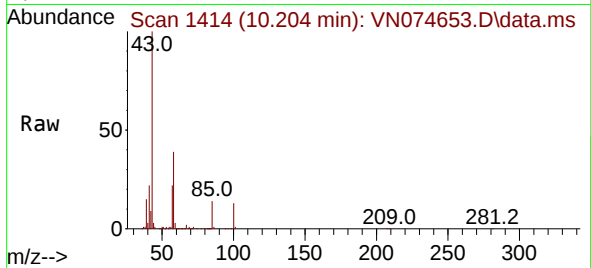
Tgt Ion: 98 Resp: 297222
 Ion Ratio Lower Upper
 98 100
 100 62.9 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 47.689 ug/l
RT: 10.204 min Scan# 1414
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

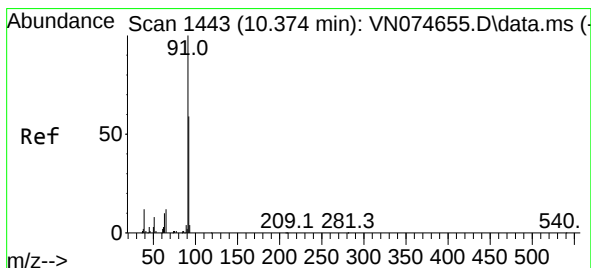
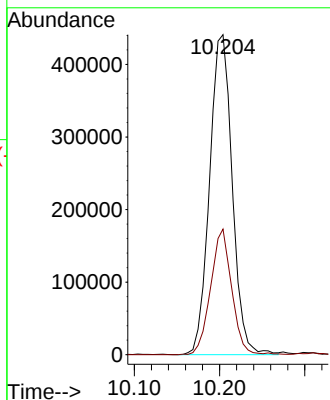
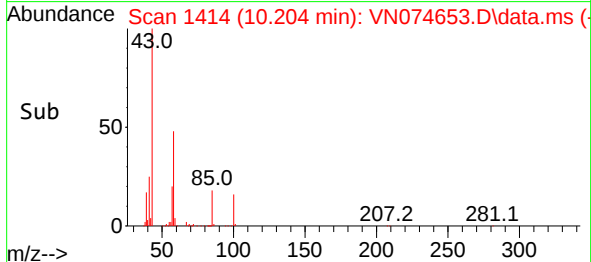
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



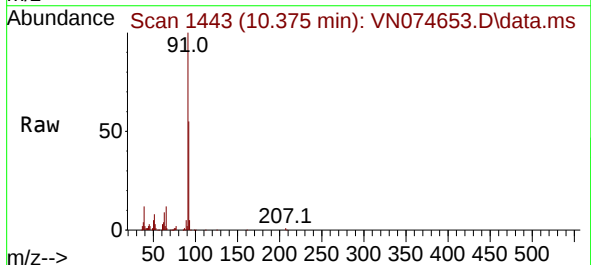
Tgt Ion: 43 Resp: 814350
Ion Ratio Lower Upper
43 100
58 36.6 34.1 51.1

Manual Integrations
APPROVED

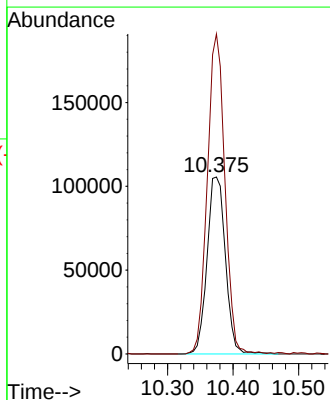
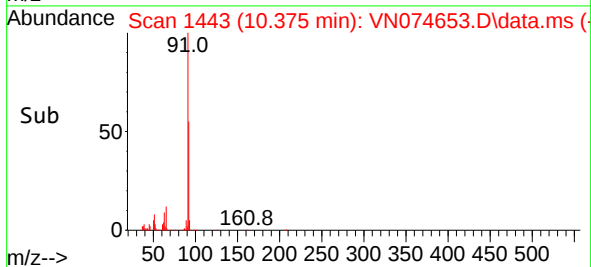
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

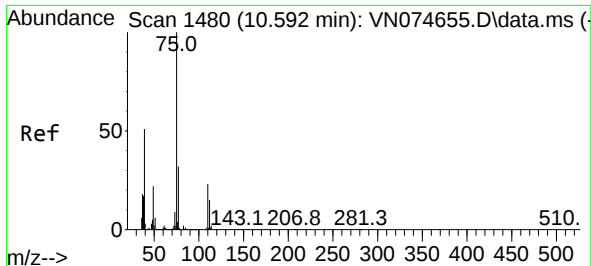


#52
Toluene
Concen: 9.677 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



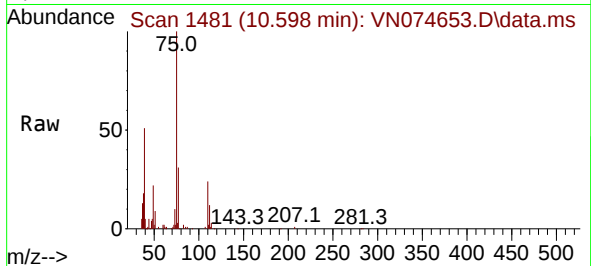
Tgt Ion: 92 Resp: 205427
Ion Ratio Lower Upper
92 100
91 172.6 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 9.621 ug/l
RT: 10.598 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

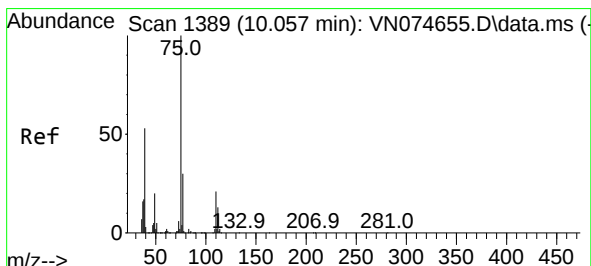
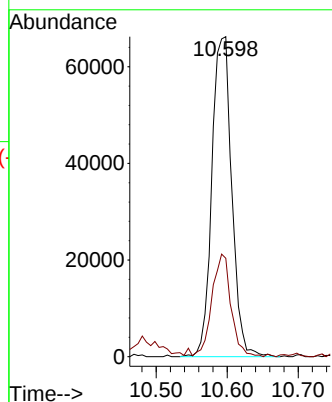
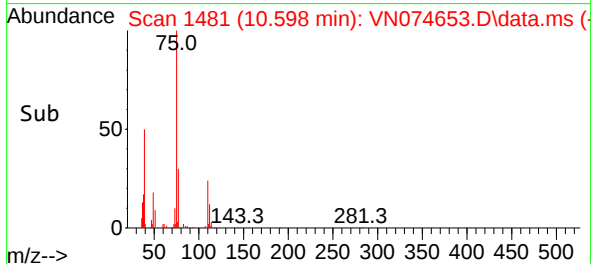
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 12858
Ion Ratio Lower Upper
75 100
77 30.2 25.6 38.4

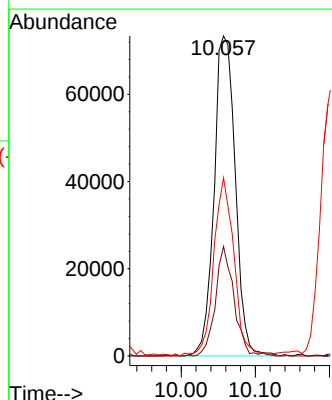
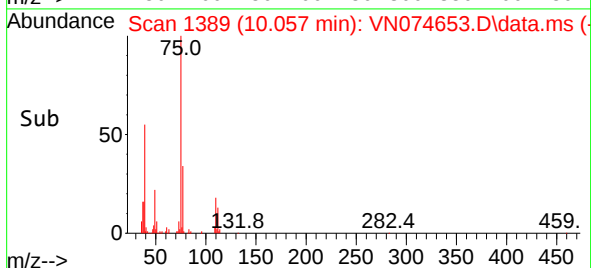
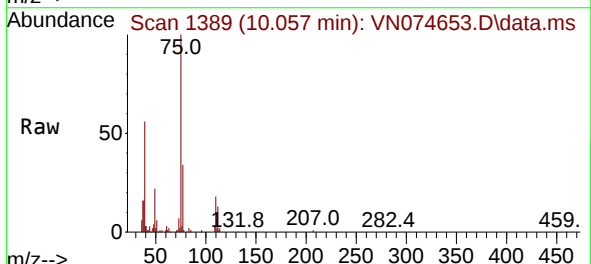
Manual Integrations
APPROVED

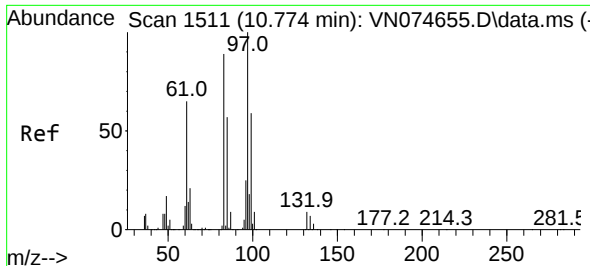
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#54
cis-1,3-Dichloropropene
Concen: 9.912 ug/l
RT: 10.057 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

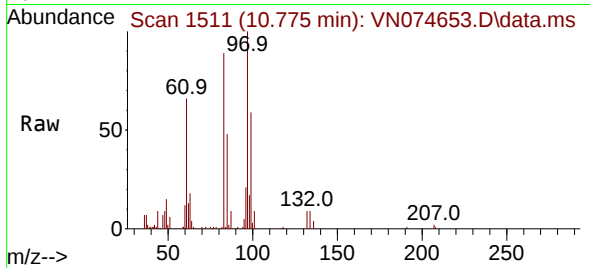
Tgt Ion: 75 Resp: 145951
Ion Ratio Lower Upper
75 100
77 34.2 25.2 37.8
39 55.6 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 9.753 ug/l
RT: 10.775 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

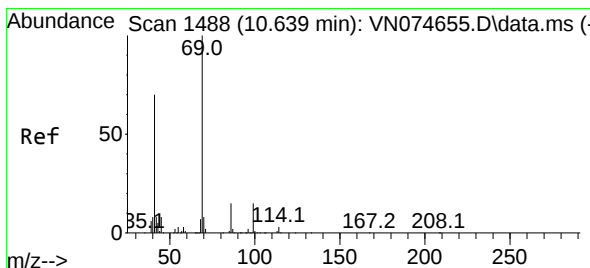
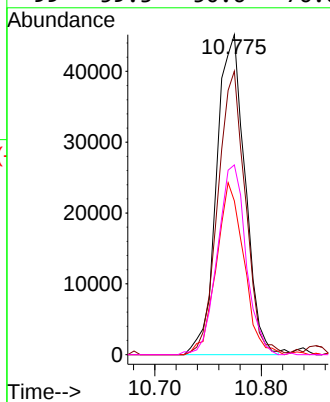
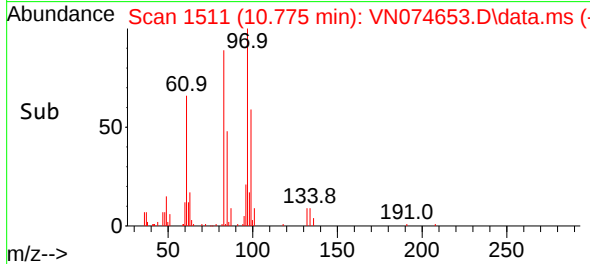
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



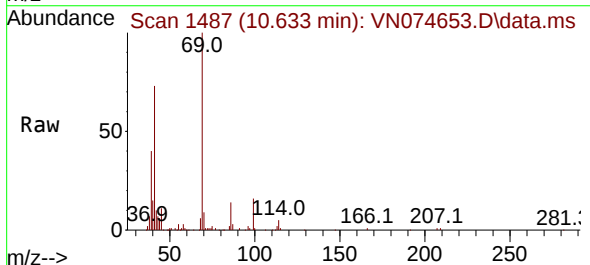
Tgt Ion: 97 Resp: 83440
Ion Ratio Lower Upper
97 100
83 88.6 66.2 99.4
85 48.1 43.9 65.9
99 59.3 50.6 76.0

Manual Integrations
APPROVED

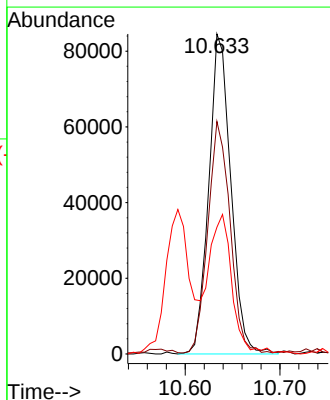
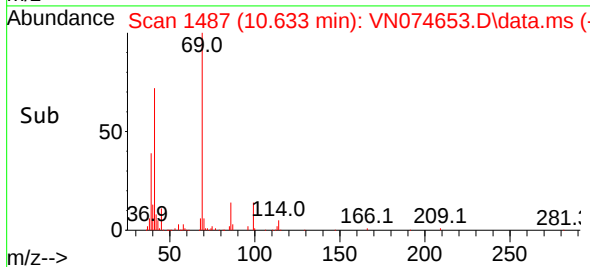
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

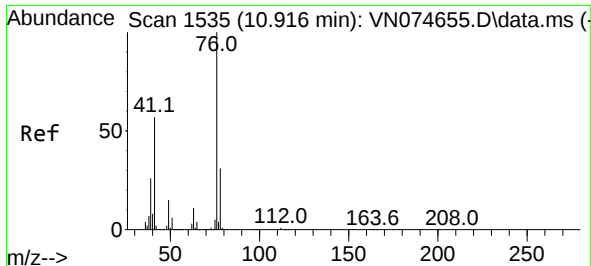


#56
Ethyl methacrylate
Concen: 9.257 ug/l
RT: 10.633 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



Tgt Ion: 69 Resp: 136612
Ion Ratio Lower Upper
69 100
41 72.8 47.8 71.6#
39 44.7 27.3 40.9#





#57

1,3-Dichloropropane

Concen: 10.083 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.000 min

Lab File: VN074653.D

Acq: 29 Sep 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 152662

Ion Ratio Lower Upper

76 100

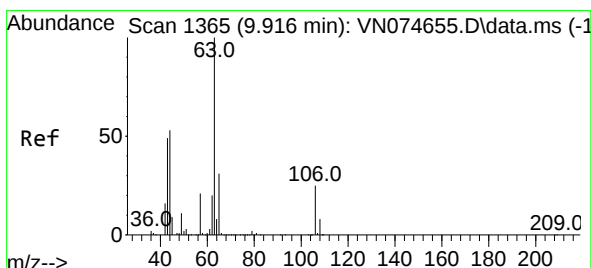
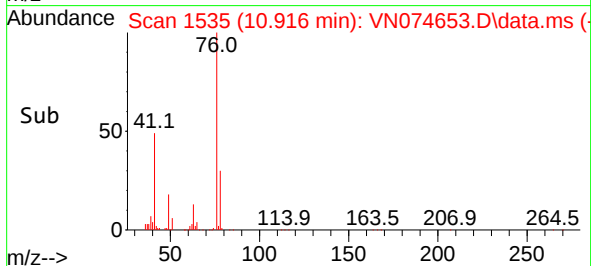
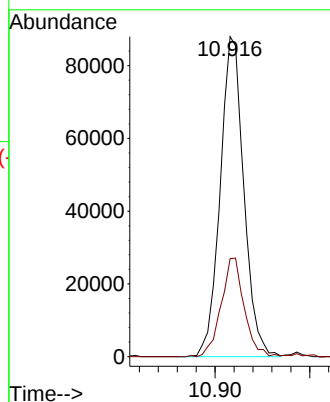
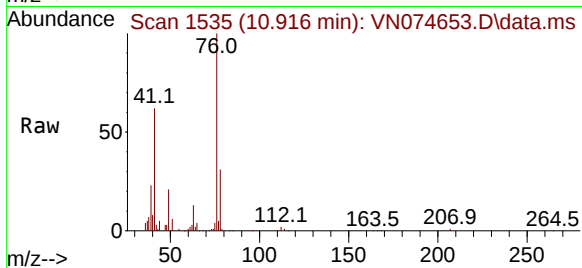
78 30.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 46.936 ug/l

RT: 9.910 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VN074653.D

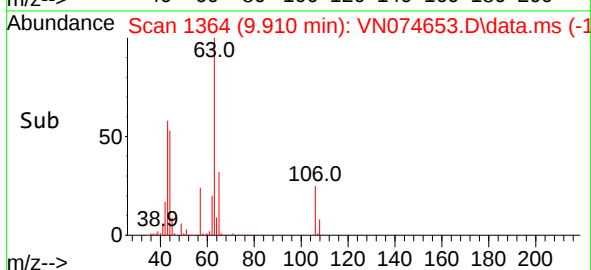
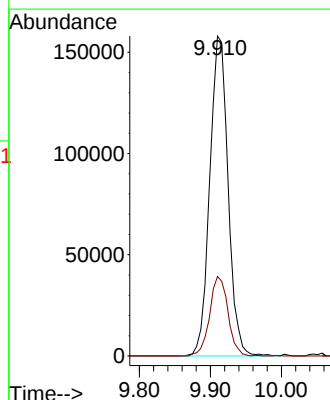
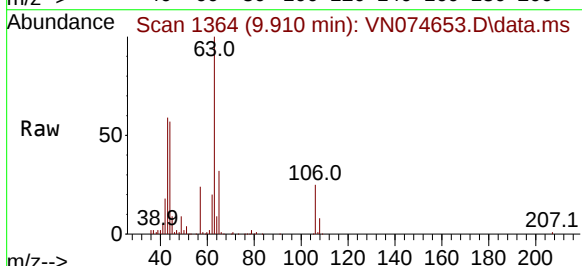
Acq: 29 Sep 2022 14:32

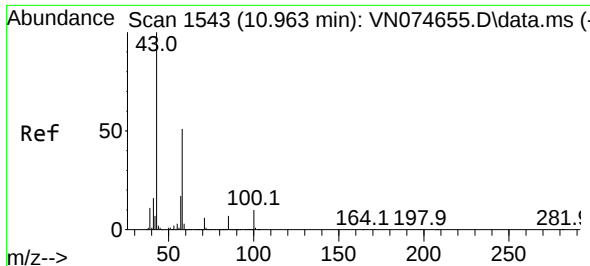
Tgt Ion: 63 Resp: 282790

Ion Ratio Lower Upper

63 100

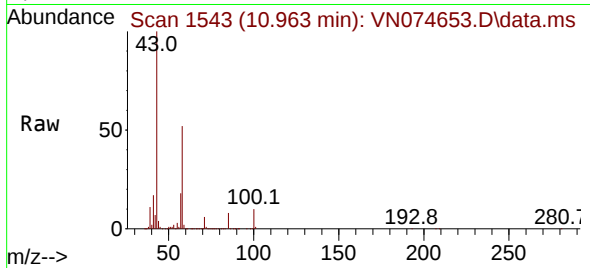
106 24.9 24.6 36.8





#59
2-Hexanone
Concen: 46.197 ug/l
RT: 10.963 min Scan# 1543
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

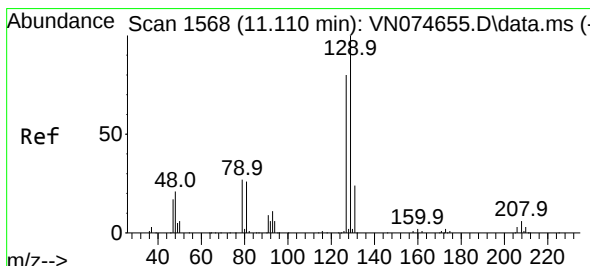
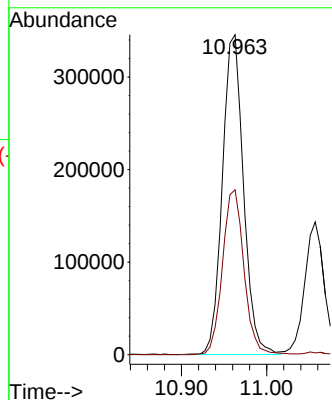
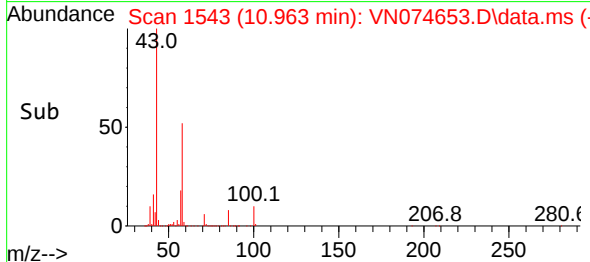
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 596189
Ion Ratio Lower Upper
43 100
58 52.4 29.7 89.1

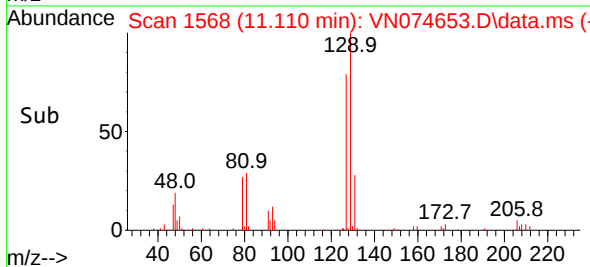
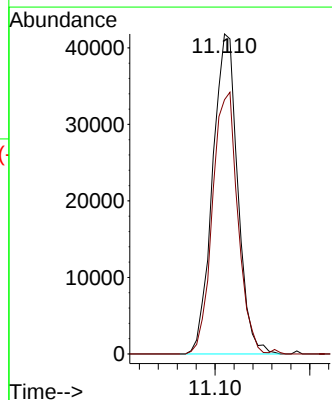
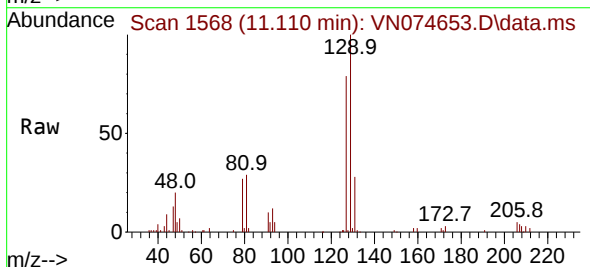
Manual Integrations
APPROVED

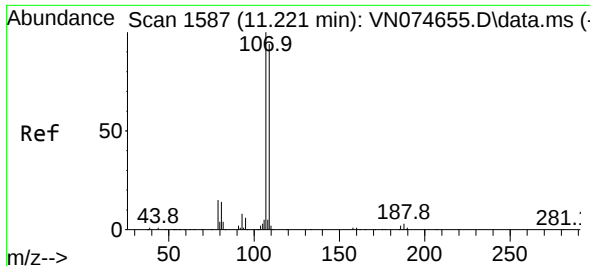
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#60
Dibromochloromethane
Concen: 9.361 ug/l
RT: 11.110 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

Tgt Ion:129 Resp: 77047
Ion Ratio Lower Upper
129 100
127 82.6 38.8 116.4





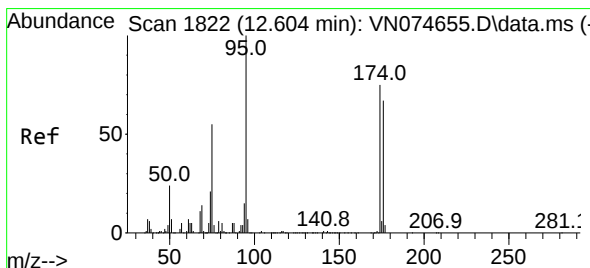
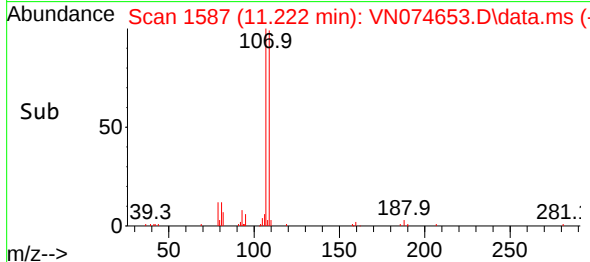
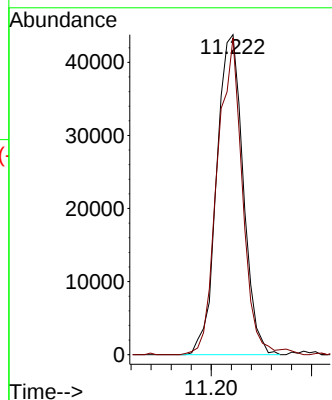
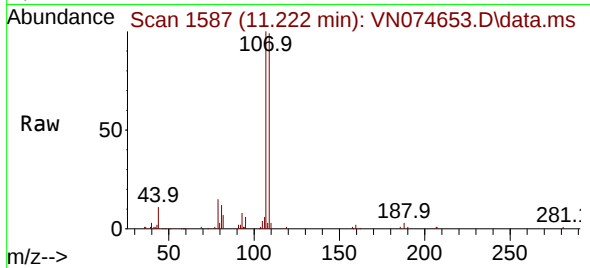
#61
1,2-Dibromoethane
Concen: 9.544 ug/l
RT: 11.222 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 8001
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.6

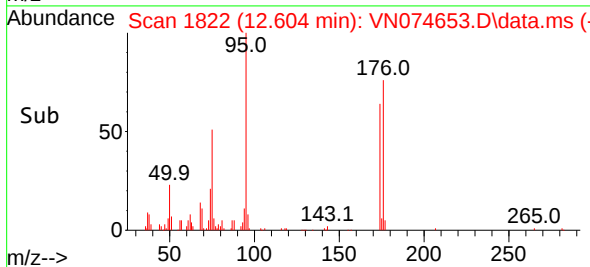
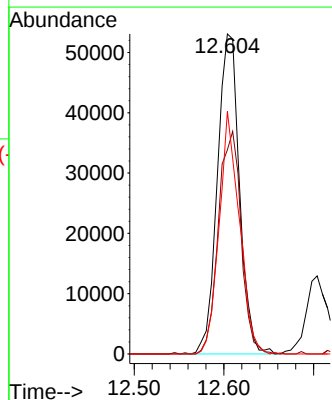
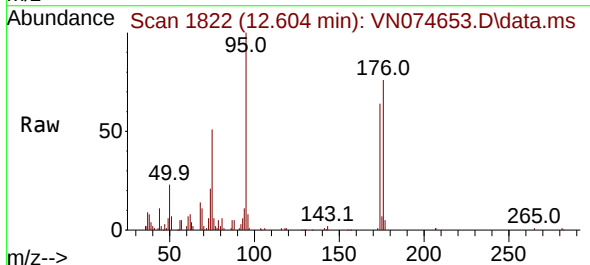
Manual Integrations
APPROVED

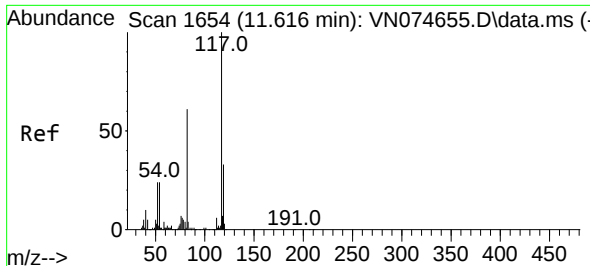
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#62
4-Bromofluorobenzene
Concen: 9.547 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

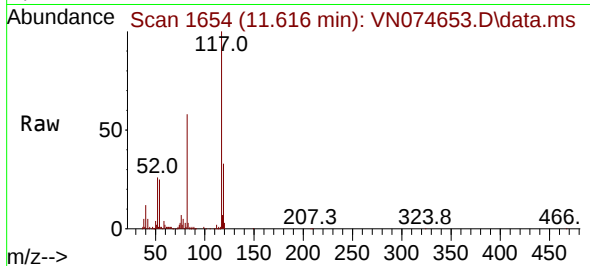
Tgt Ion: 95 Resp: 90691
Ion Ratio Lower Upper
95 100
174 71.5 0.0 167.6
176 69.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

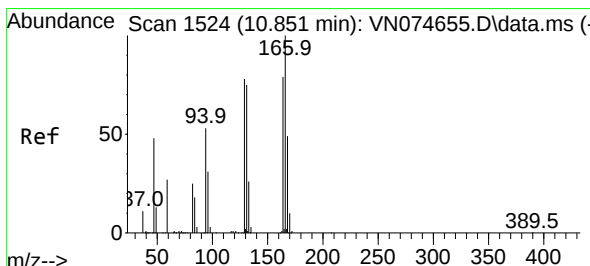
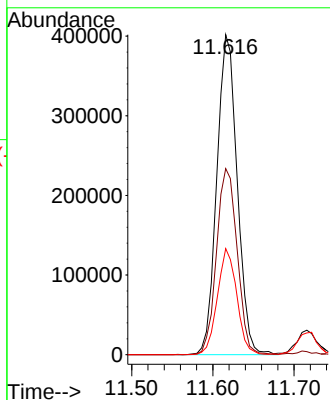
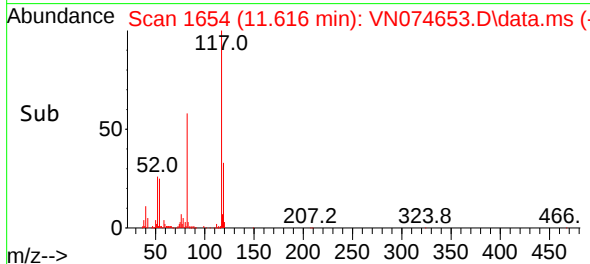
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



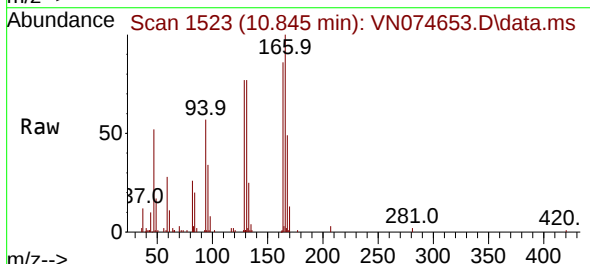
Tgt Ion:117 Resp: 70426
Ion Ratio Lower Upper
117 100
82 58.1 44.2 66.2
119 33.1 25.4 38.0

Manual Integrations
APPROVED

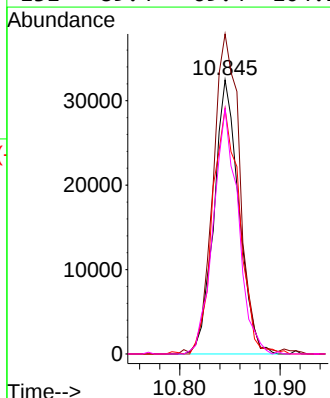
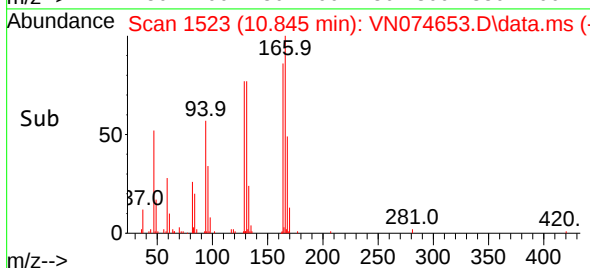
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

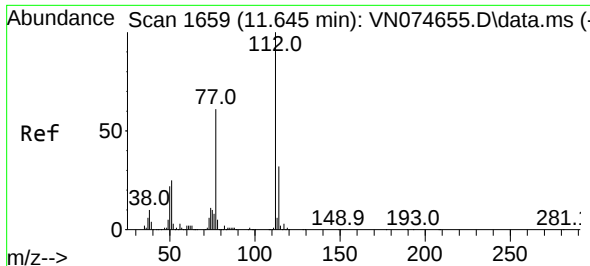


#64
Tetrachloroethene
Concen: 9.418 ug/l
RT: 10.845 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



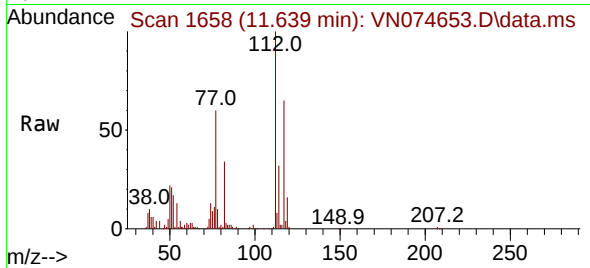
Tgt Ion:164 Resp: 56075
Ion Ratio Lower Upper
164 100
166 116.8 104.2 156.2
129 89.0 73.9 110.9
131 89.4 69.4 104.2





#65
Chlorobenzene
Concen: 9.552 ug/l
RT: 11.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

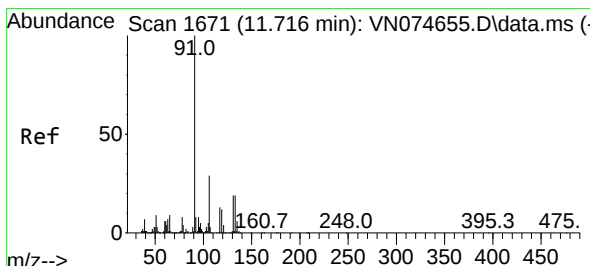
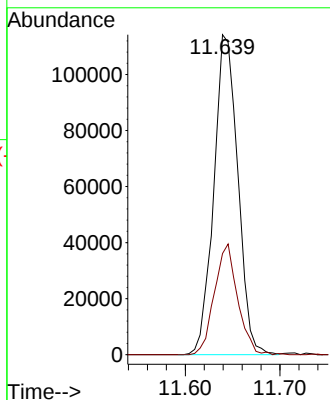
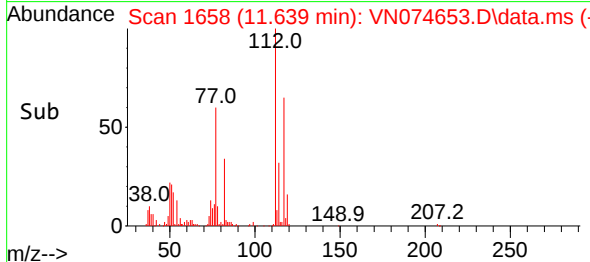
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



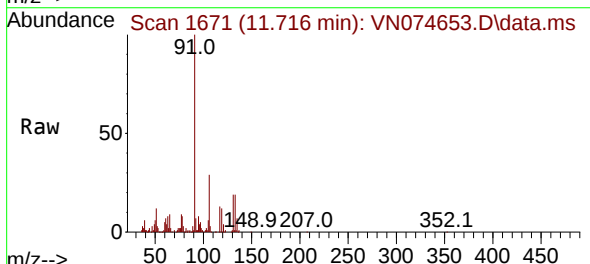
Tgt Ion:112 Resp: 20128
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

Manual Integrations
APPROVED

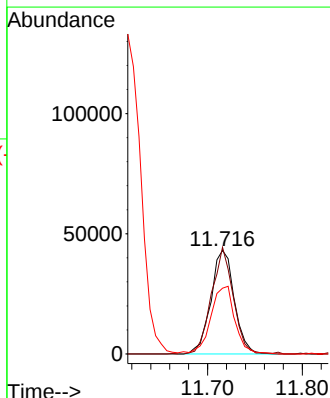
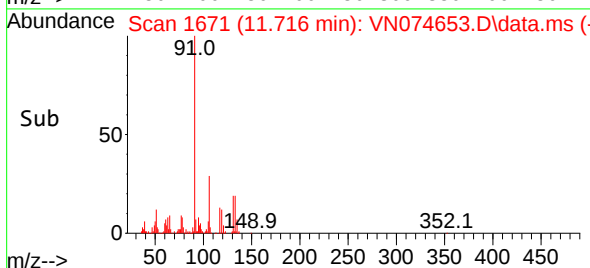
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

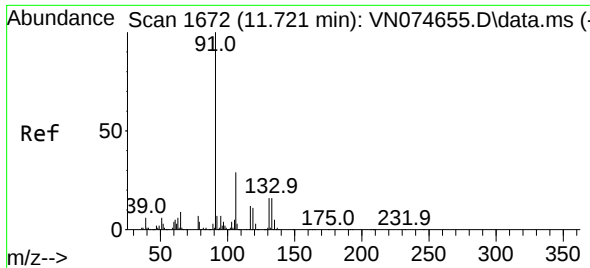


#66
1,1,1,2-Tetrachloroethane
Concen: 9.813 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



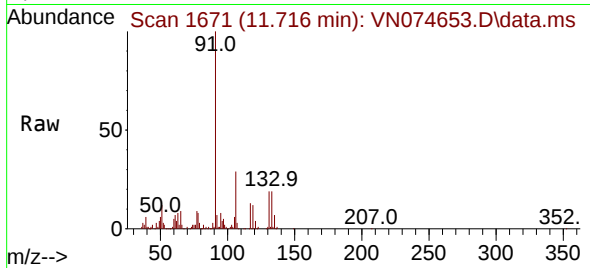
Tgt Ion:131 Resp: 73774
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 67.7 33.4 100.2





#67
Ethyl Benzene
Concen: 9.646 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

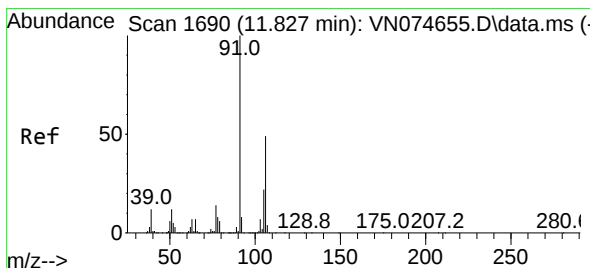
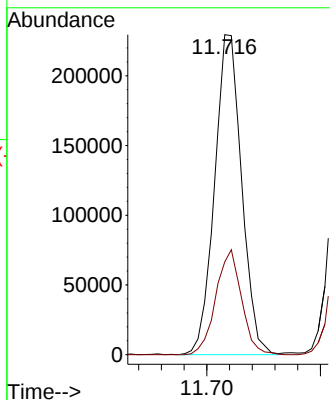
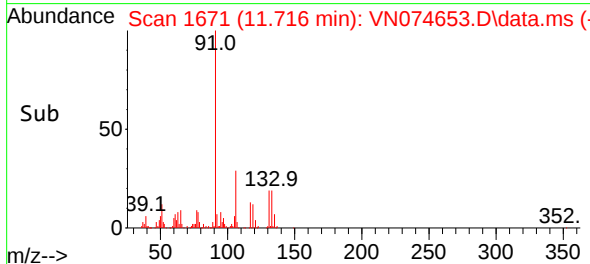
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



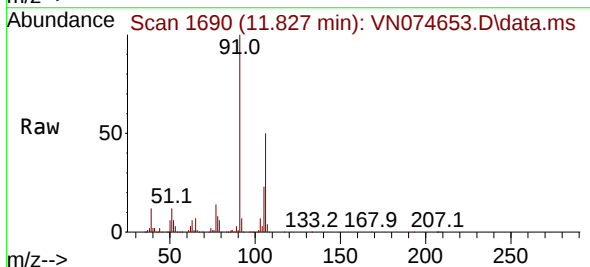
Tgt Ion: 91 Resp: 380312
Ion Ratio Lower Upper
91 100
106 29.0 24.9 37.3

Manual Integrations
APPROVED

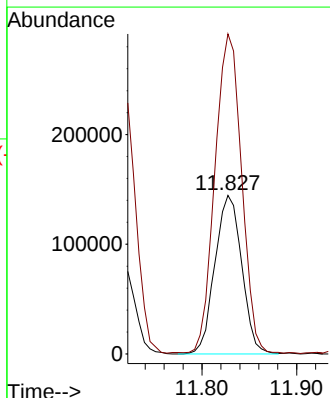
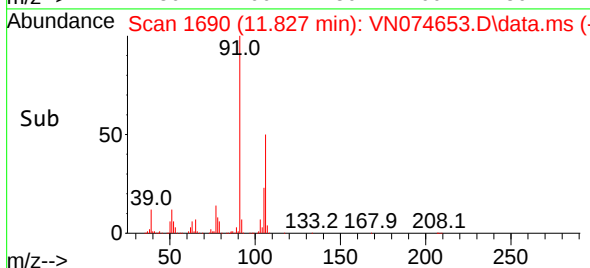
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

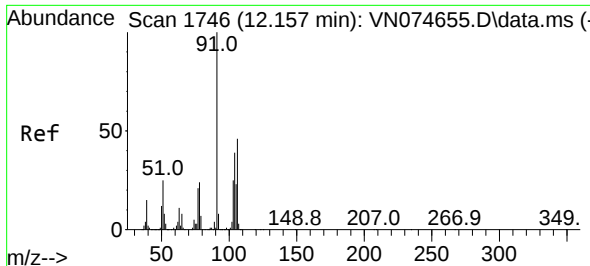


#68
m/p-Xylenes
Concen: 19.066 ug/l
RT: 11.827 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



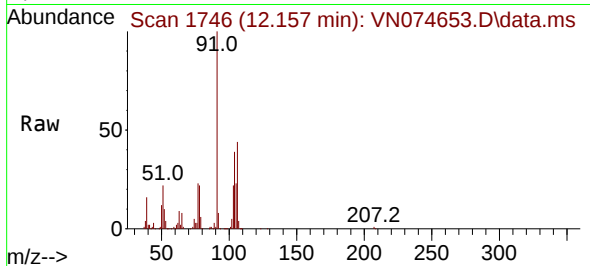
Tgt Ion:106 Resp: 284648
Ion Ratio Lower Upper
106 100
91 201.2 158.9 238.3





#69
o-Xylene
Concen: 9.324 ug/l
RT: 12.157 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

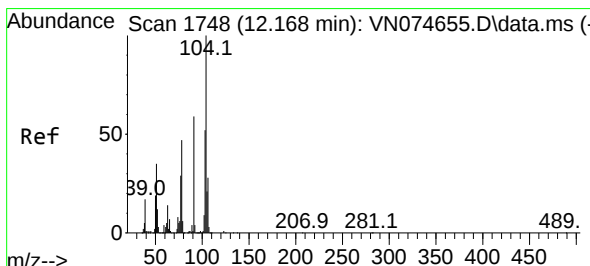
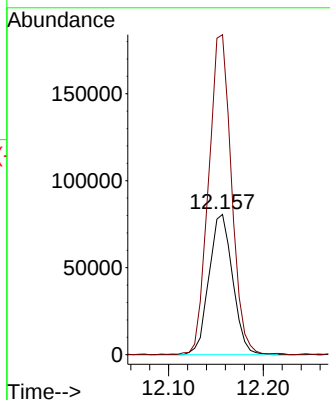
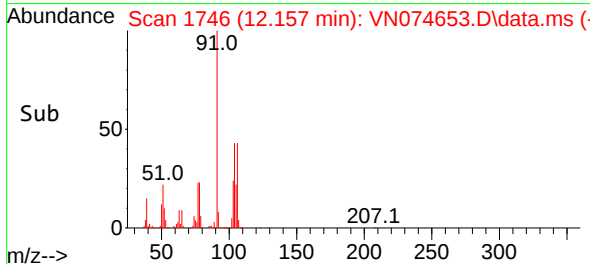
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



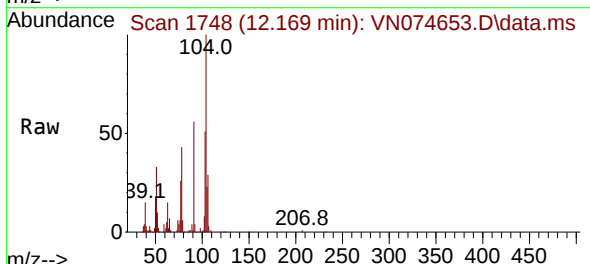
Tgt Ion:106 Resp: 139920
Ion Ratio Lower Upper
106 100
91 220.8 106.0 318.0

Manual Integrations
APPROVED

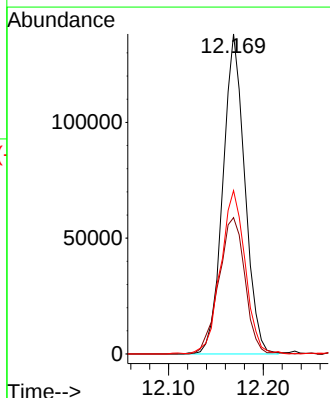
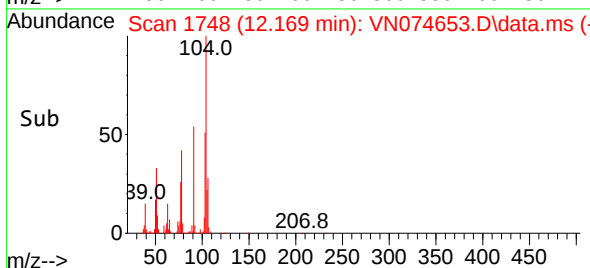
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

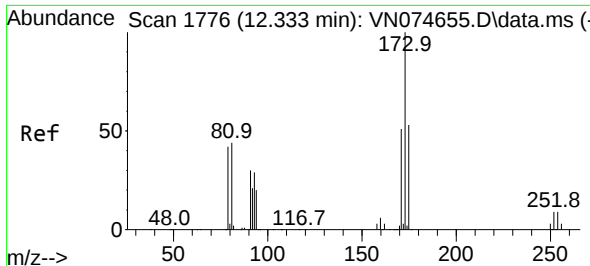


#70
Styrene
Concen: 9.280 ug/l
RT: 12.169 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



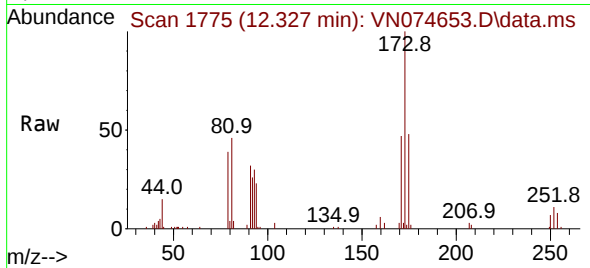
Tgt Ion:104 Resp: 222120
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 57.3 44.0 66.0





#71
Bromoform
Concen: 8.770 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

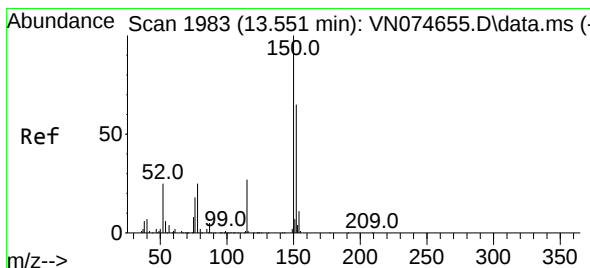
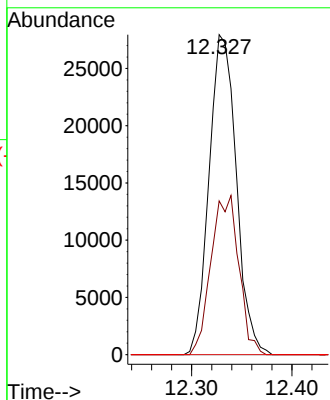
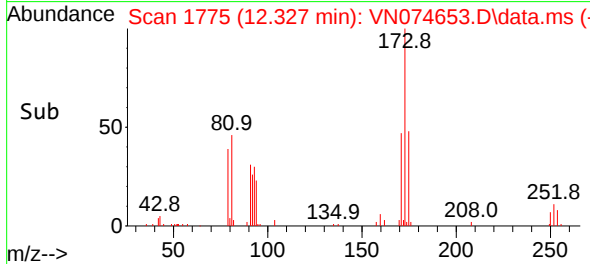
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:173 Resp: 52860
Ion Ratio Lower Upper
173 100
175 50.7 24.6 73.6
254 0.0 0.1 0.1

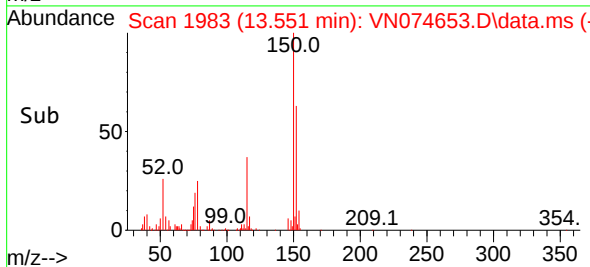
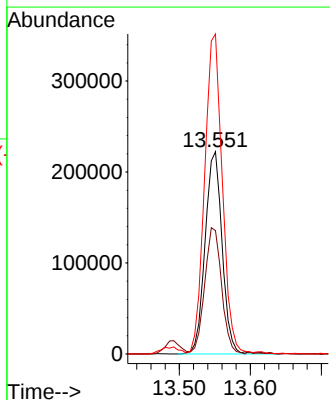
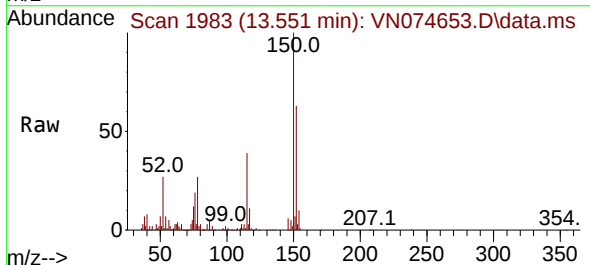
Manual Integrations
APPROVED

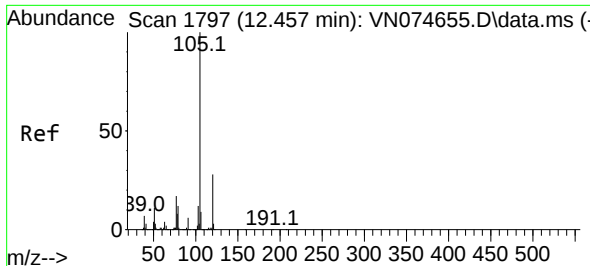
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

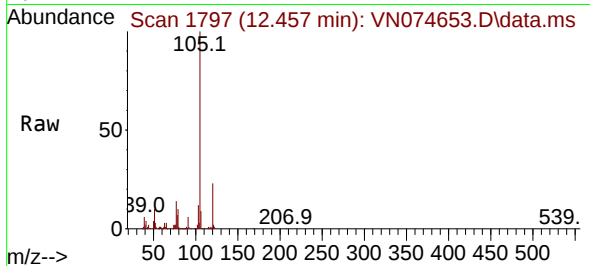
Tgt Ion:152 Resp: 372117
Ion Ratio Lower Upper
152 100
115 61.7 28.9 86.7
150 162.5 0.0 356.2





#73
Isopropylbenzene
Concen: 10.391 ug/l
RT: 12.457 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

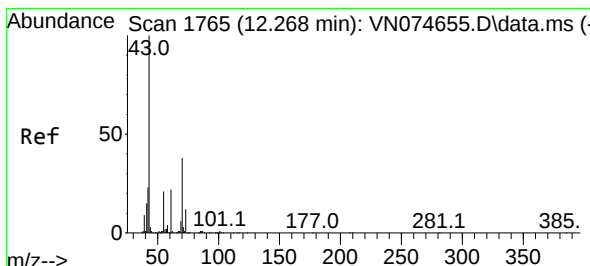
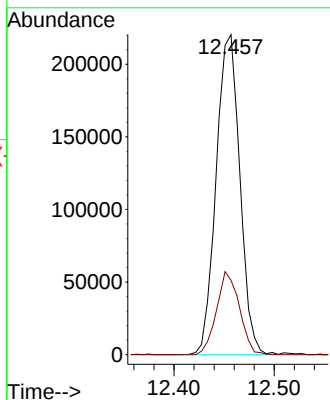
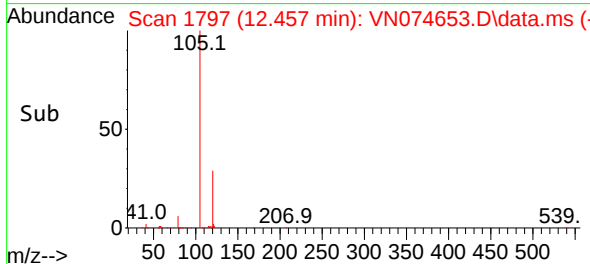
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



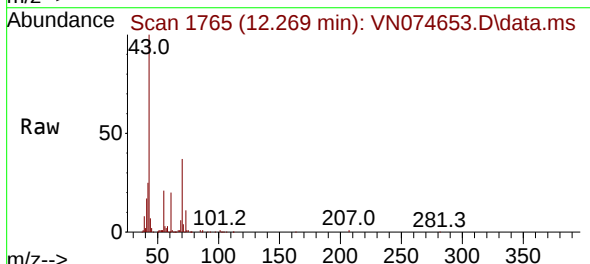
Tgt Ion:105 Resp: 36222
Ion Ratio Lower Upper
105 100
120 24.9 13.5 40.4

Manual Integrations
APPROVED

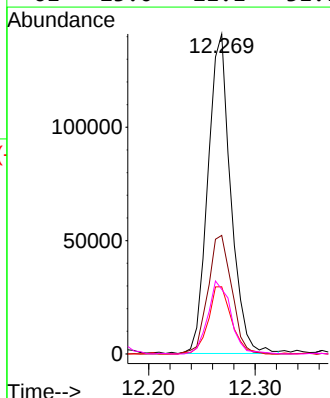
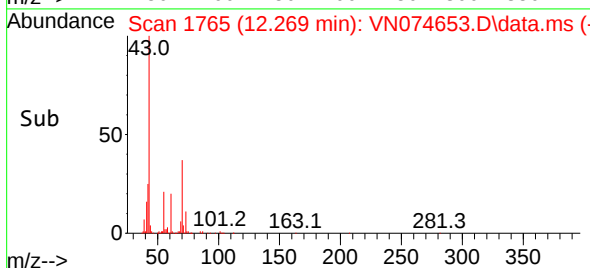
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

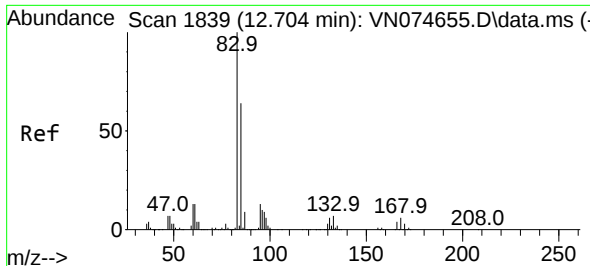


#74
N-ethyl acetate
Concen: 9.826 ug/l
RT: 12.269 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



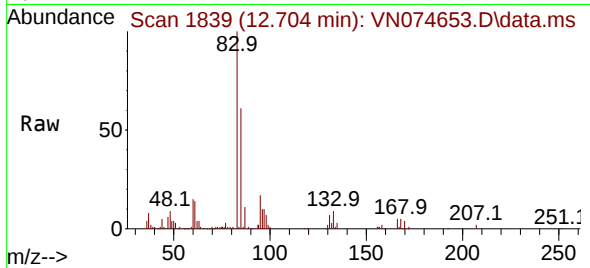
Tgt Ion: 43 Resp: 209841
Ion Ratio Lower Upper
43 100
70 38.7 39.0 58.4#
55 21.4 21.1 31.7
61 23.0 21.1 31.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.806 ug/l
 RT: 12.704 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: VN074653.D
 Acq: 29 Sep 2022 14:32

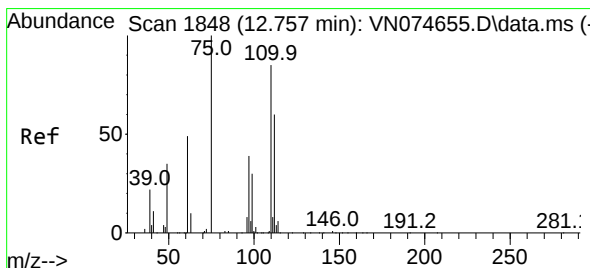
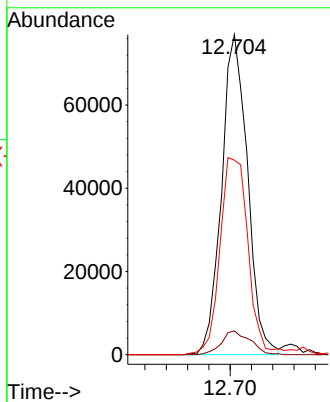
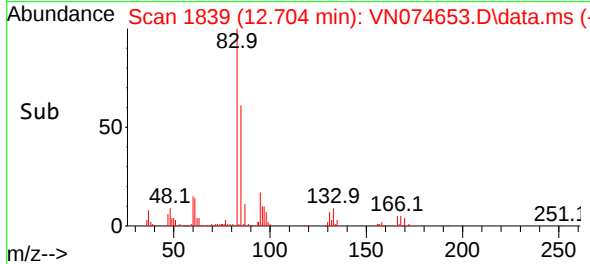
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



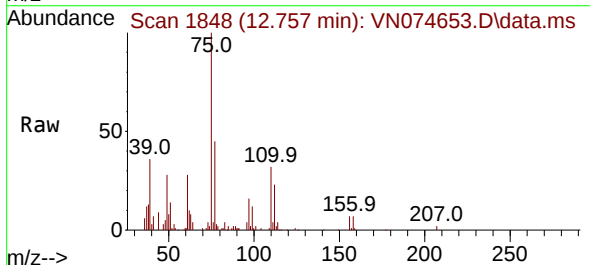
Tgt Ion: 83 Resp: 13005
 Ion Ratio Lower Upper
 83 100
 131 8.2 5.3 15.9
 85 66.5 32.3 96.9

Manual Integrations
 APPROVED

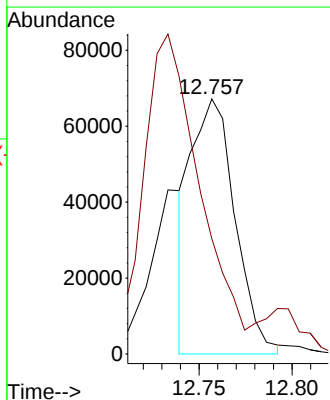
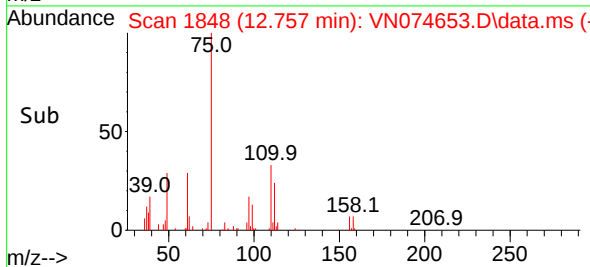
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022

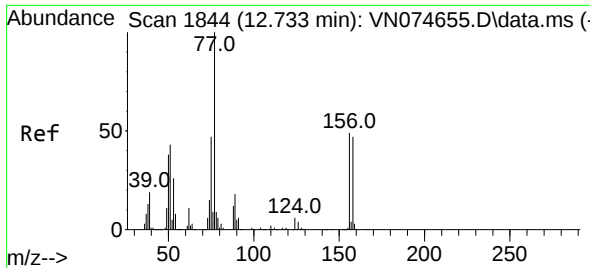


#76
 1,2,3-Trichloropropane
 Concen: 11.493 ug/l m
 RT: 12.757 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: VN074653.D
 Acq: 29 Sep 2022 14:32



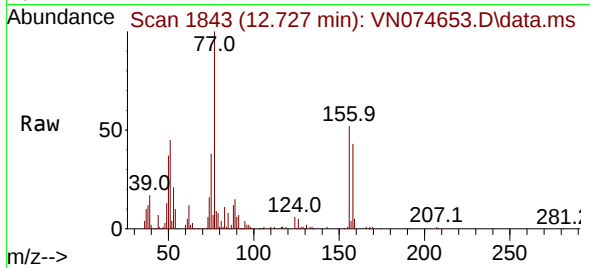
Tgt Ion: 75 Resp: 111112
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 9.952 ug/l
RT: 12.727 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

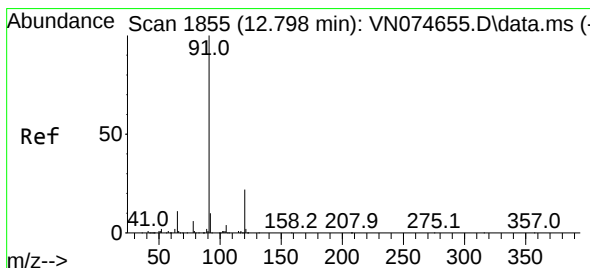
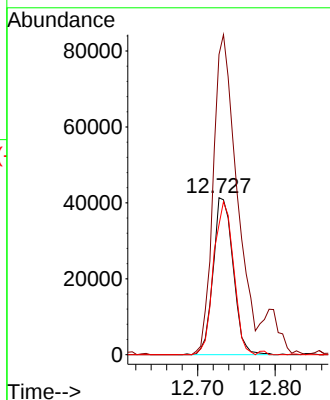
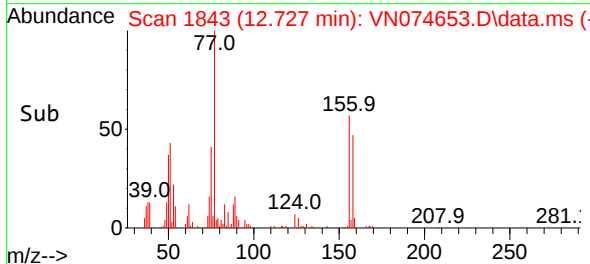
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



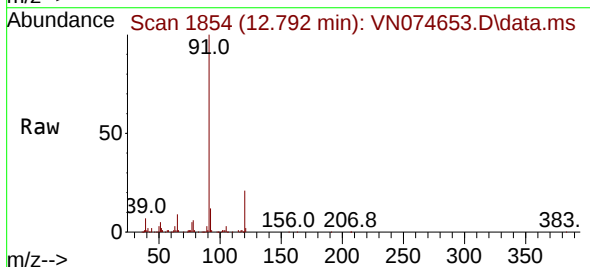
Tgt Ion:156 Resp: 7432
Ion Ratio Lower Upper
156 100
77 242.9 100.5 301.5
158 97.0 48.9 146.6

Manual Integrations
APPROVED

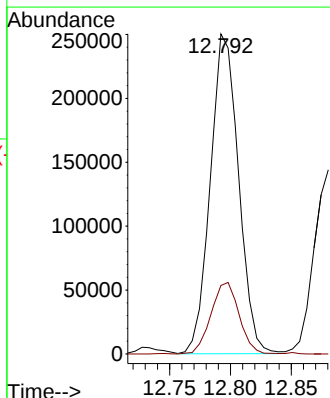
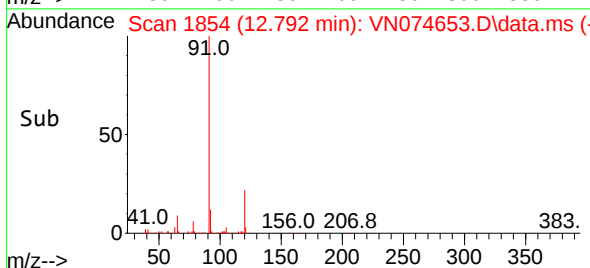
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

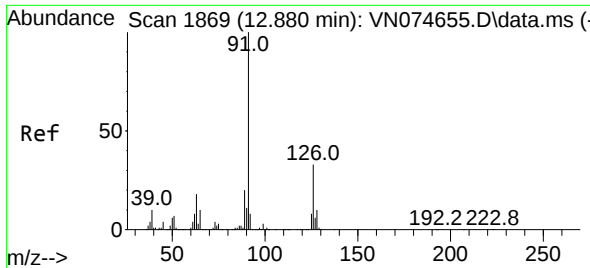


#78
n-propylbenzene
Concen: 10.052 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



Tgt Ion: 91 Resp: 404192
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.5





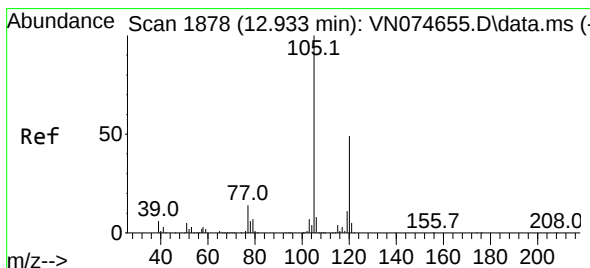
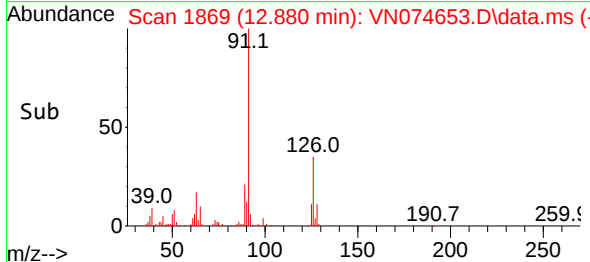
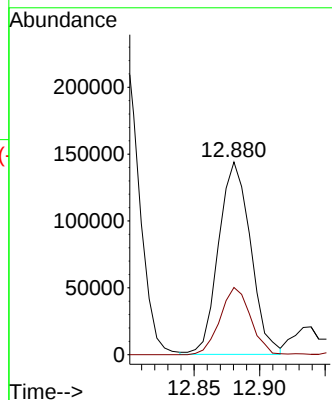
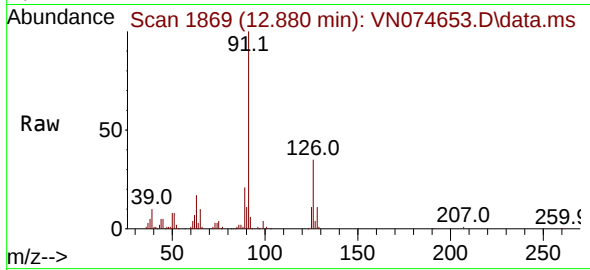
#79
2-Chlorotoluene
Concen: 10.115 ug/l
RT: 12.880 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 244397
Ion Ratio Lower Upper
91 100
126 33.5 17.3 51.9

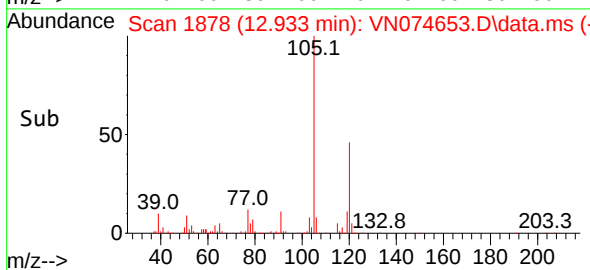
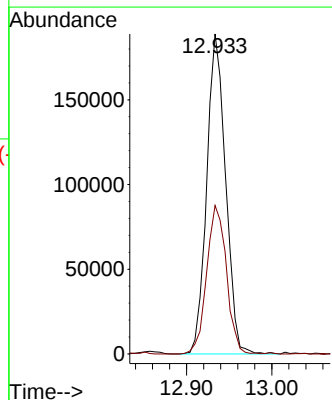
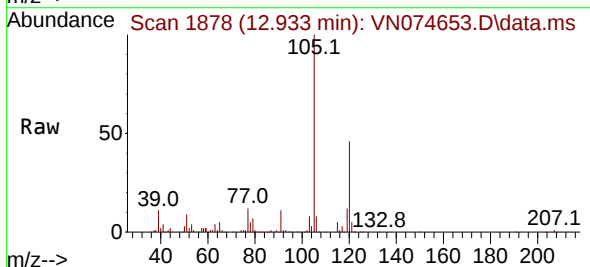
Manual Integrations
APPROVED

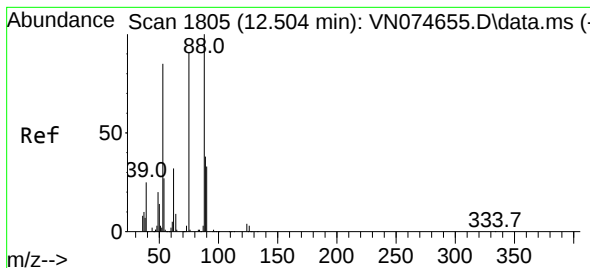
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 10.437 ug/l
RT: 12.933 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

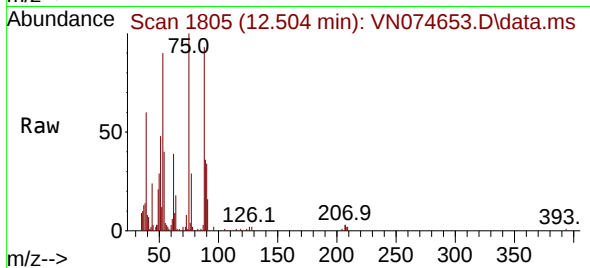
Tgt Ion:105 Resp: 290320
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 10.062 ug/l
RT: 12.504 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

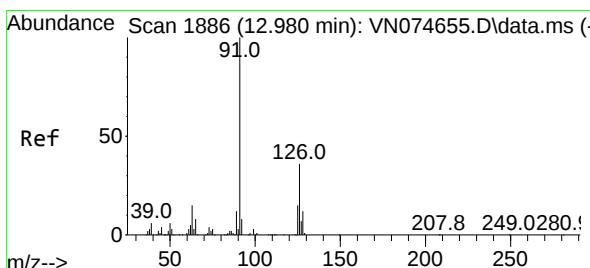
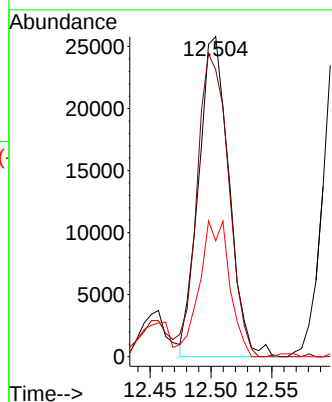
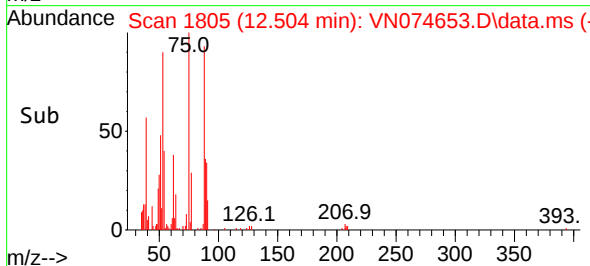
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 4480
Ion Ratio Lower Upper
75 100
53 98.6 78.0 117.0
89 42.3 37.2 55.8

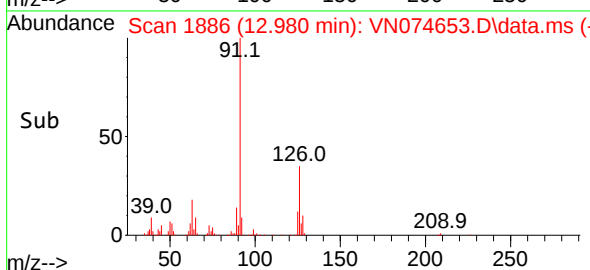
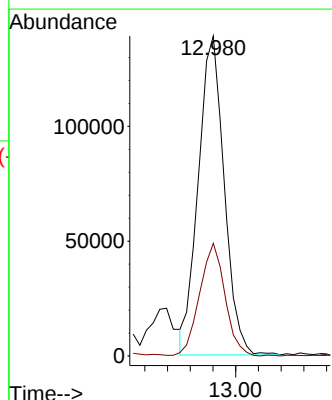
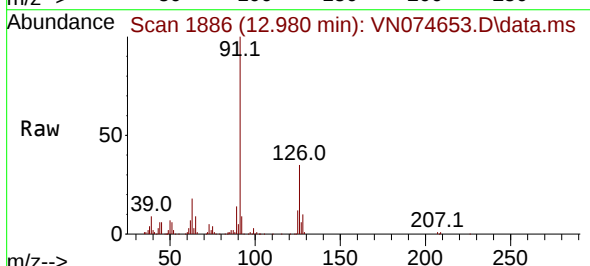
Manual Integrations
APPROVED

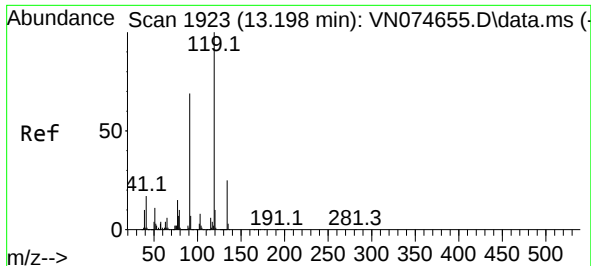
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#82
4-Chlorotoluene
Concen: 9.791 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

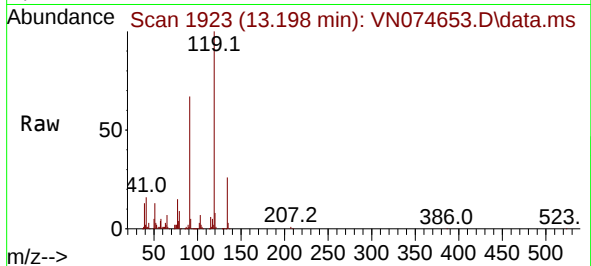
Tgt Ion: 91 Resp: 220163
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 9.920 ug/l
RT: 13.198 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

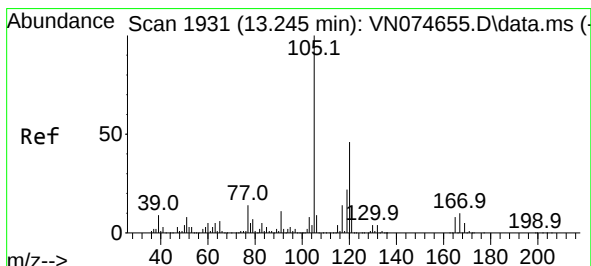
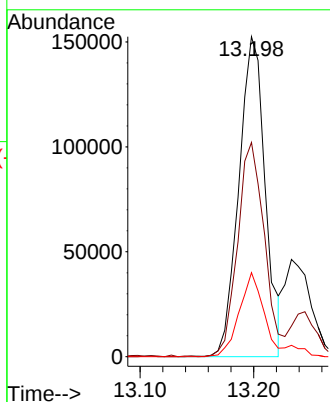
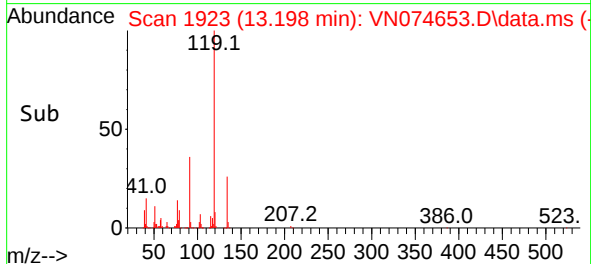
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



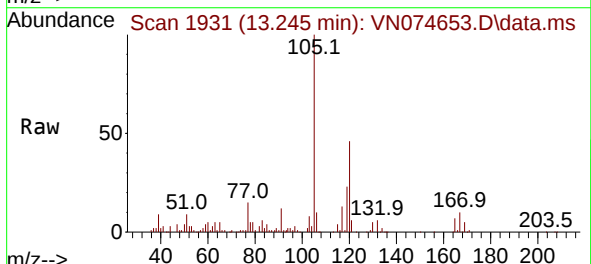
Tgt Ion:119 Resp: 24645
Ion Ratio Lower Upper
119 100
91 68.2 31.6 94.8
134 24.6 13.7 41.1

Manual Integrations
APPROVED

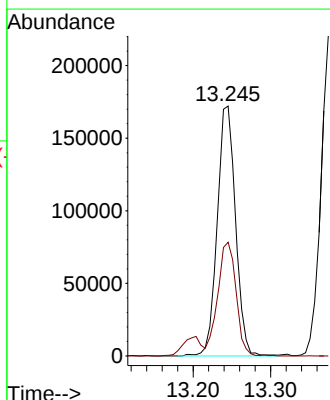
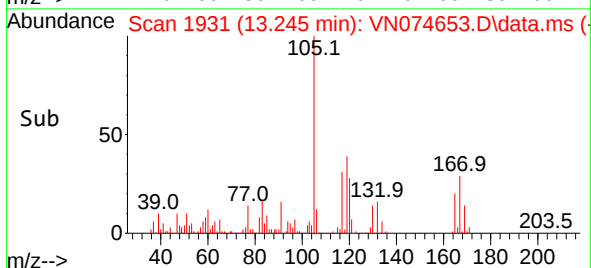
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

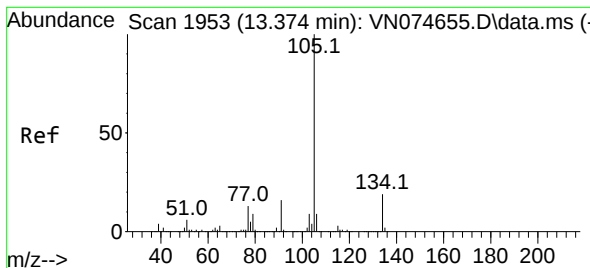


#84
1,2,4-Trimethylbenzene
Concen: 10.177 ug/l
RT: 13.245 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



Tgt Ion:105 Resp: 282692
Ion Ratio Lower Upper
105 100
120 44.9 23.3 69.8





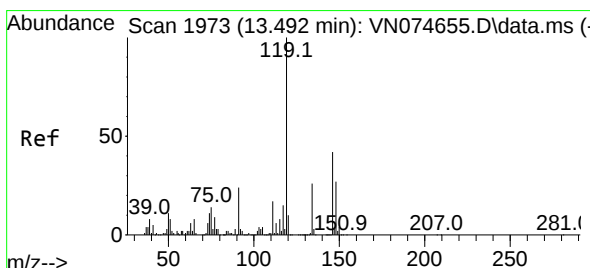
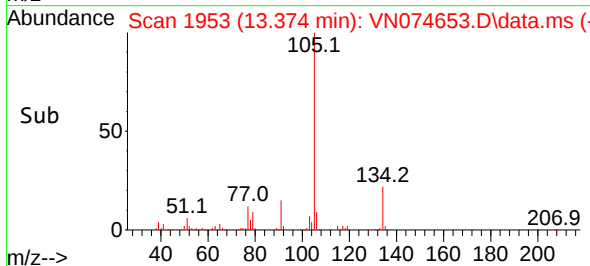
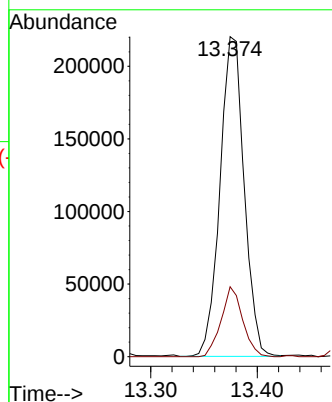
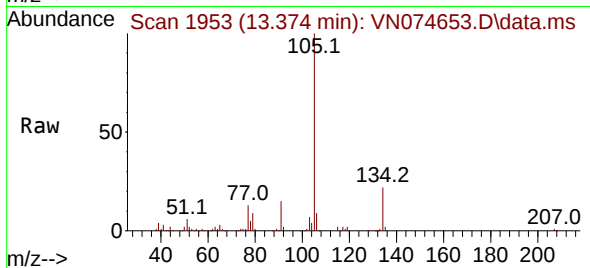
#85
 sec-Butylbenzene
 Concen: 9.940 ug/l
 RT: 13.374 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN074653.D
 Acq: 29 Sep 2022 14:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 347014
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

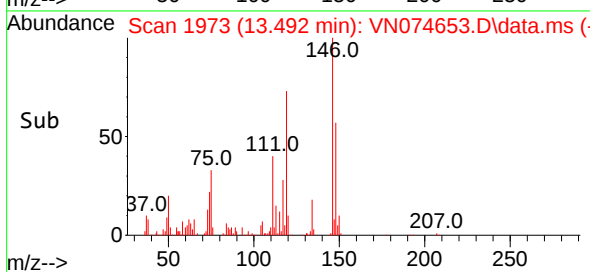
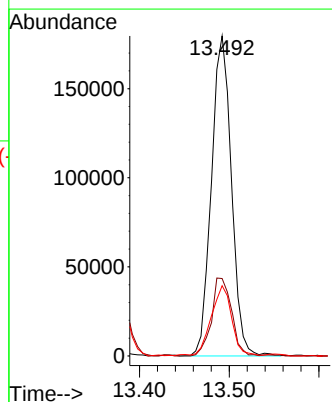
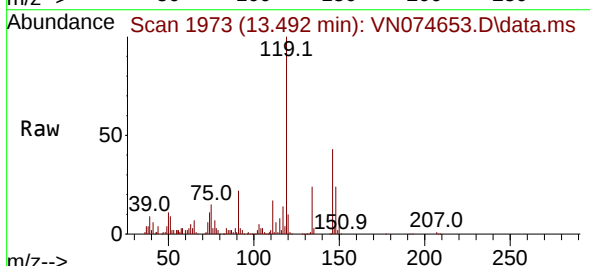
Manual Integrations
 APPROVED

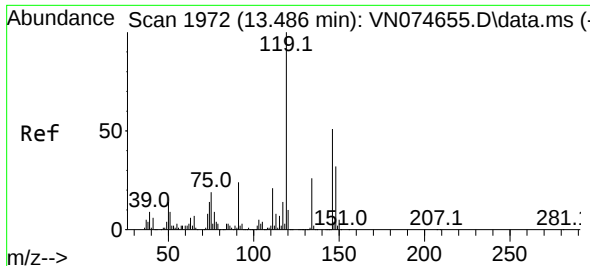
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#86
 p-Isopropyltoluene
 Concen: 10.052 ug/l
 RT: 13.492 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VN074653.D
 Acq: 29 Sep 2022 14:32

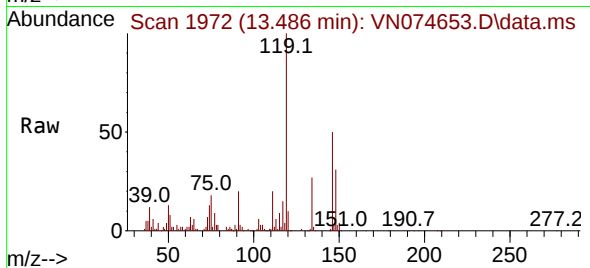
Tgt Ion:119 Resp: 278007
 Ion Ratio Lower Upper
 119 100
 134 24.4 13.3 39.8
 91 22.4 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 9.769 ug/l
 RT: 13.486 min Scan# 1972
 Delta R.T. 0.000 min
 Lab File: VN074653.D
 Acq: 29 Sep 2022 14:32

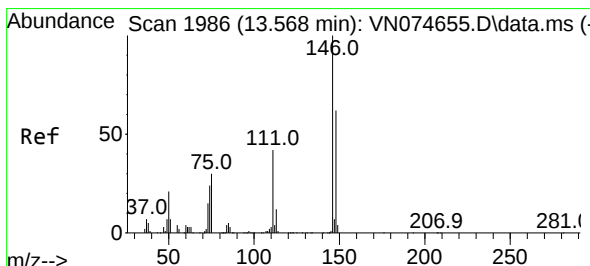
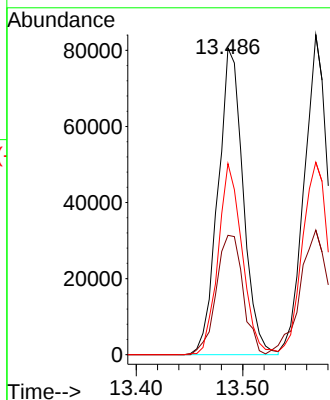
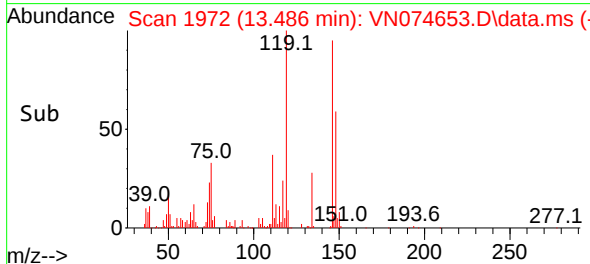
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



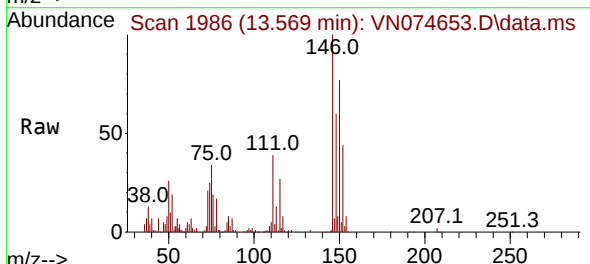
Tgt Ion:146 Resp: 132372
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.0 60.0
 148 59.6 32.0 96.0

Manual Integrations
 APPROVED

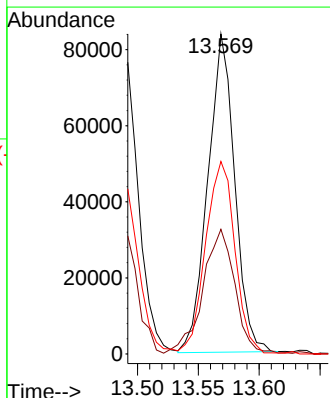
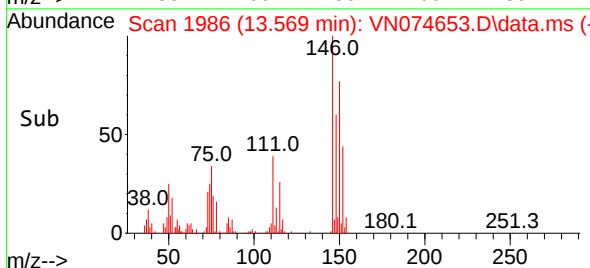
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022

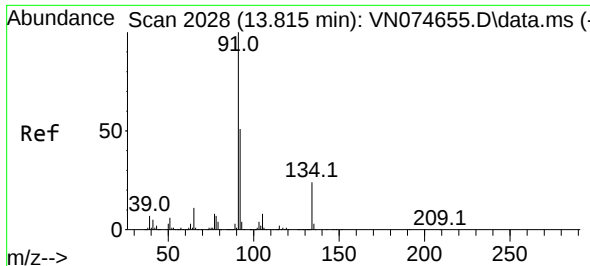


#88
 1,4-Dichlorobenzene
 Concen: 9.294 ug/l
 RT: 13.569 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN074653.D
 Acq: 29 Sep 2022 14:32



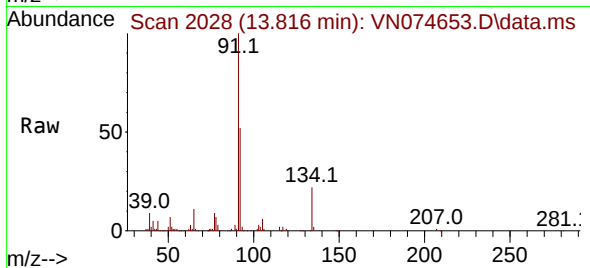
Tgt Ion:146 Resp: 128706
 Ion Ratio Lower Upper
 146 100
 111 46.2 19.1 57.1
 148 65.4 31.4 94.3





#89
n-Butylbenzene
Concen: 9.724 ug/l
RT: 13.816 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

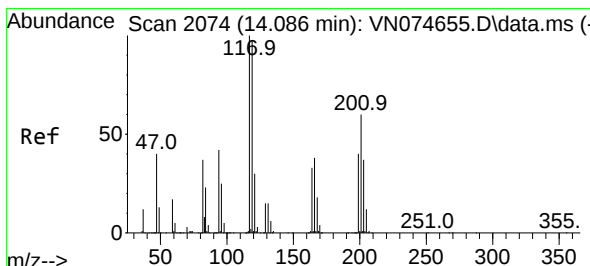
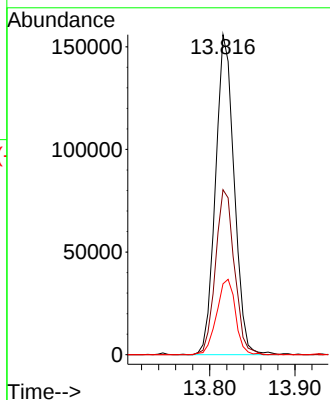
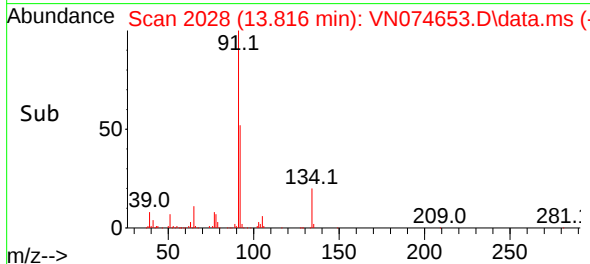
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 91 Resp: 237284
Ion Ratio Lower Upper
91 100
92 52.3 26.9 80.7
134 23.9 13.6 40.8

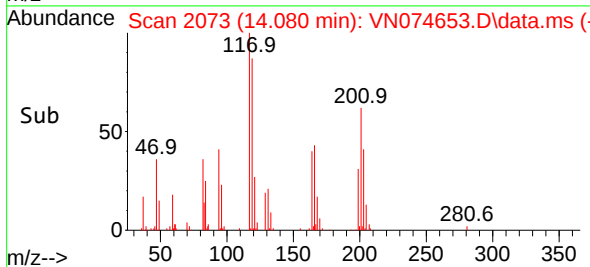
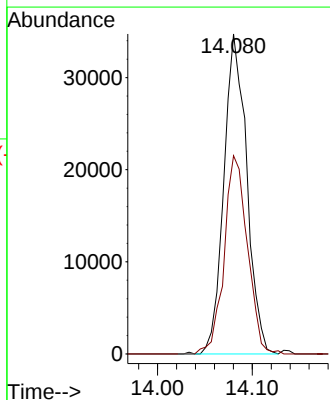
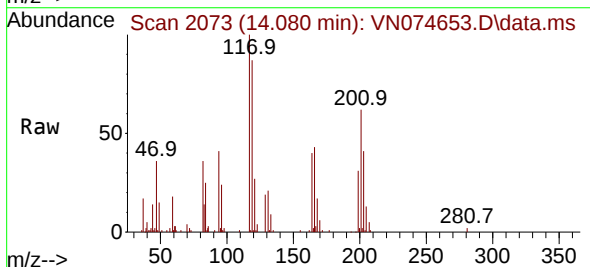
Manual Integrations
APPROVED

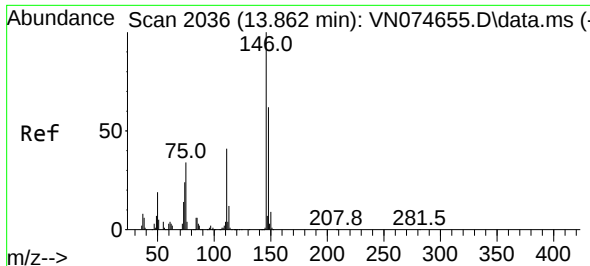
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#90
Hexachloroethane
Concen: 9.805 ug/l
RT: 14.080 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

Tgt Ion:117 Resp: 58352
Ion Ratio Lower Upper
117 100
201 62.9 40.6 122.0





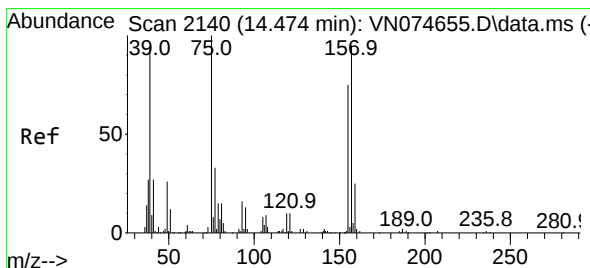
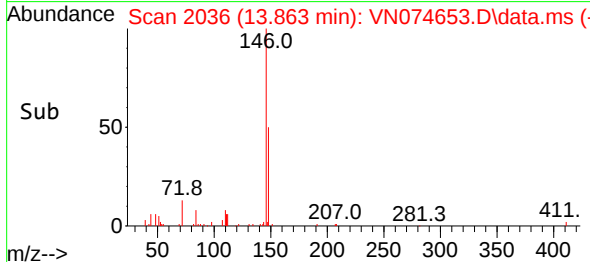
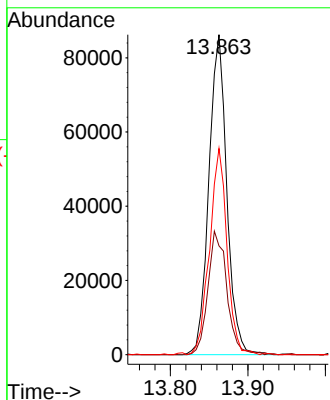
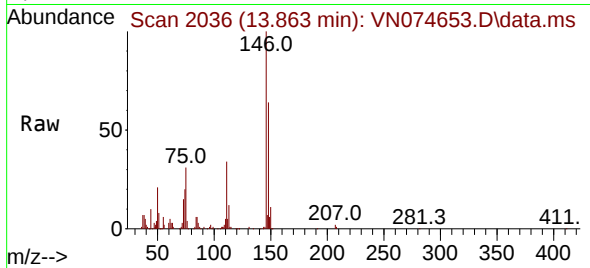
#91
 1,2-Dichlorobenzene
 Concen: 9.791 ug/l
 RT: 13.863 min Scan# 2036
 Delta R.T. 0.000 min
 Lab File: VN074653.D
 Acq: 29 Sep 2022 14:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:146 Resp: 13844
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.9 62.8
 148 62.9 32.1 96.3

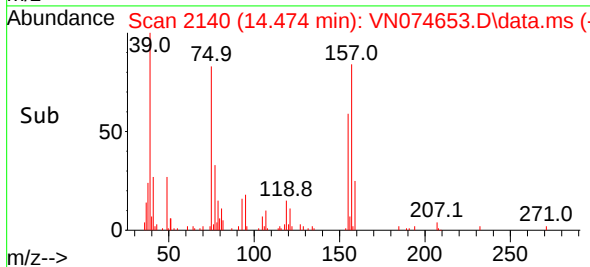
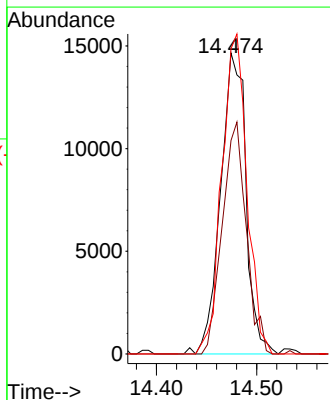
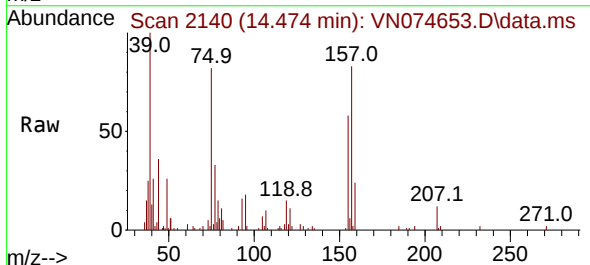
Manual Integrations
 APPROVED

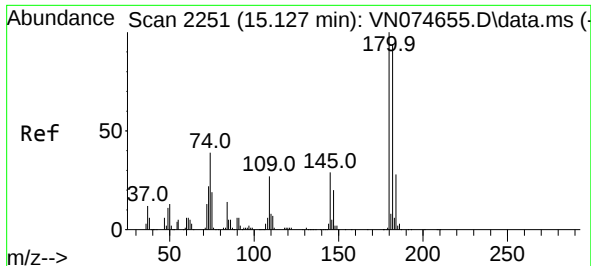
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.641 ug/l
 RT: 14.474 min Scan# 2140
 Delta R.T. 0.000 min
 Lab File: VN074653.D
 Acq: 29 Sep 2022 14:32

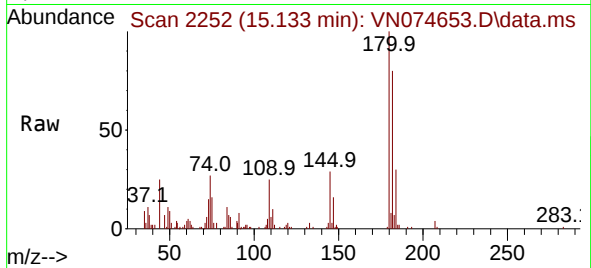
Tgt Ion: 75 Resp: 25764
 Ion Ratio Lower Upper
 75 100
 155 73.0 44.9 134.5
 157 105.0 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 10.150 ug/l
RT: 15.133 min Scan# 2251
Delta R.T. 0.006 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32

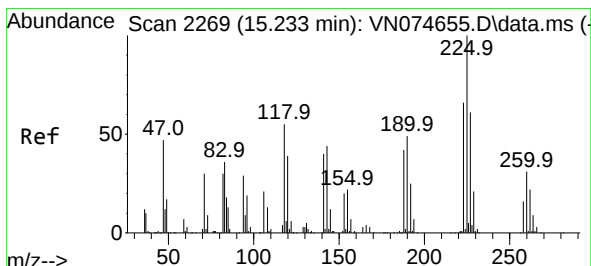
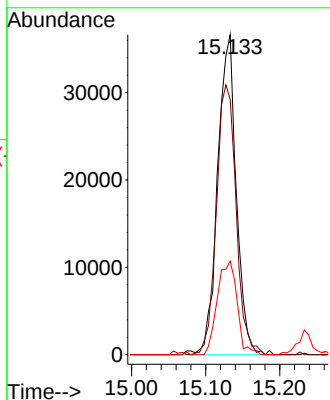
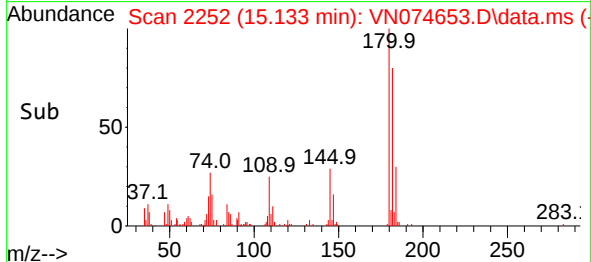
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



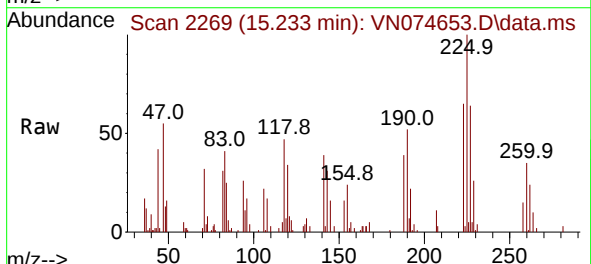
Tgt Ion:180 Resp: 6412
Ion Ratio Lower Upper
180 100
182 89.0 47.5 142.5
145 31.0 14.5 43.5

Manual Integrations
APPROVED

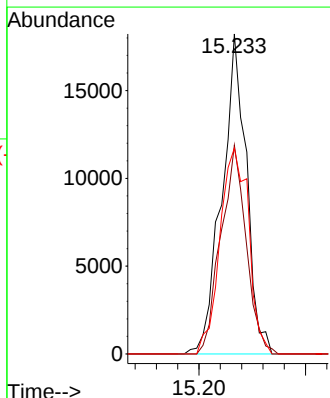
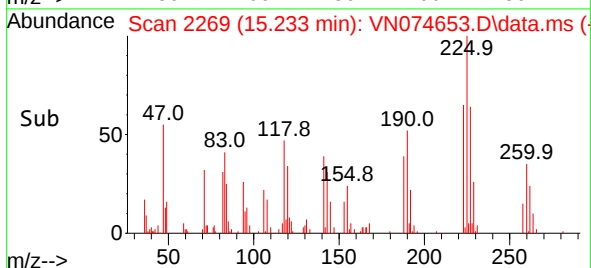
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

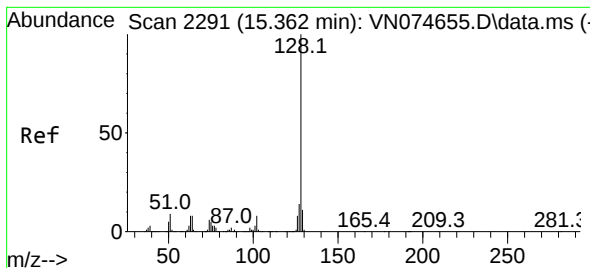


#94
Hexachlorobutadiene
Concen: 9.386 ug/l
RT: 15.233 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VN074653.D
Acq: 29 Sep 2022 14:32



Tgt Ion:225 Resp: 29022
Ion Ratio Lower Upper
225 100
223 67.7 32.4 97.2
227 75.1 31.8 95.4





#95

Naphthalene

Concen: 10.304 ug/l

RT: 15.363 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074653.D

Acq: 29 Sep 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

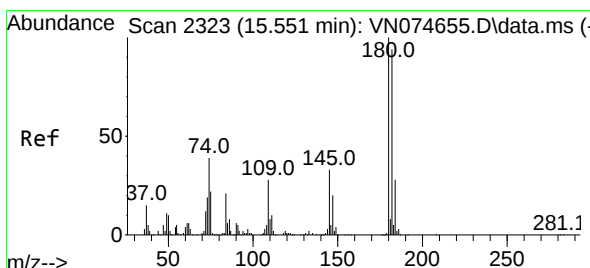
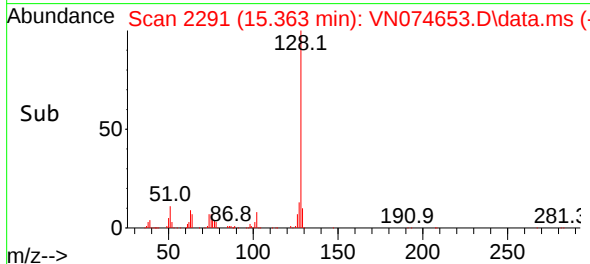
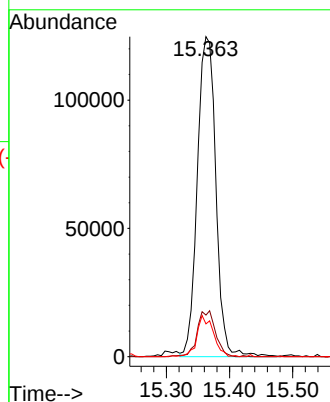
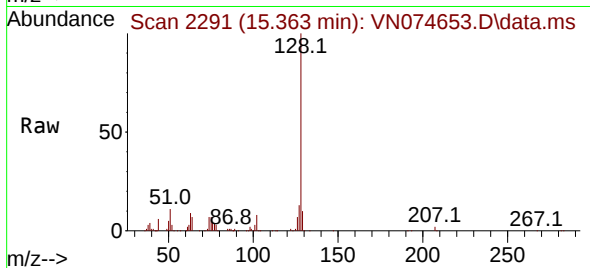
Tgt Ion:	128	Resp:	25468
Ion Ratio	Lower	Upper	
128	100		
127	14.1	10.3	15.5
129	11.5	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#96

1,2,3-Trichlorobenzene

Concen: 10.168 ug/l

RT: 15.557 min Scan# 2324

Delta R.T. 0.006 min

Lab File: VN074653.D

Acq: 29 Sep 2022 14:32

Tgt Ion:	180	Resp:	63947
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.8	143.3
145	30.8	15.5	46.5

