

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074550.D
 Acq On : 17 Sep 2022 12:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 19 02:53:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	219691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	393611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	371155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	175070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	179960	48.278	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.560%		
35) Dibromofluoromethane	7.945	113	136832	52.332	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.660%		
50) Toluene-d8	10.380	98	540428	53.444	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.880%		
62) 4-Bromofluorobenzene	12.674	95	190117	54.895	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.780%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	102593	42.908	ug/l	98
3) Chloromethane	2.263	50	216233	53.748	ug/l	96
4) Vinyl Chloride	2.405	62	256981	59.711	ug/l	96
5) Bromomethane	2.781	94	189166	83.346	ug/l	95
6) Chloroethane	2.952	64	198527	67.532	ug/l	97
7) Trichlorofluoromethane	3.310	101	229161	48.217	ug/l	94
8) Diethyl Ether	3.757	74	113751	46.934	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.128	101	150586	51.214	ug/l	90
10) Methyl Iodide	4.346	142	166608	48.033	ug/l	94
11) Tert butyl alcohol	5.275	59	251541	207.153	ug/l	99
12) 1,1-Dichloroethene	4.110	96	139355	48.143	ug/l	84
13) Acrolein	3.975	56	106017	239.079	ug/l	97
14) Allyl chloride	4.757	41	349824	50.633	ug/l #	93
15) Acrylonitrile	5.463	53	715434	262.255	ug/l	100
16) Acetone	4.210	43	580959	243.560	ug/l	93
17) Carbon Disulfide	4.451	76	354963	44.739	ug/l	98
18) Methyl Acetate	4.763	43	370931	50.068	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	607191	49.792	ug/l	95
20) Methylene Chloride	5.004	84	182459	50.104	ug/l #	76
21) trans-1,2-Dichloroethene	5.504	96	155491	48.935	ug/l	94
22) Diisopropyl ether	6.404	45	747482	53.879	ug/l #	95
23) Vinyl Acetate	6.345	43	3397375	277.645	ug/l #	90
24) 1,1-Dichloroethane	6.298	63	352123	50.776	ug/l	96
25) 2-Butanone	7.251	43	1064574	268.811	ug/l #	87
26) 2,2-Dichloropropane	7.239	77	274757	45.955	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	201609	49.561	ug/l	93
28) Bromochloromethane	7.581	49	104818	51.327	ug/l #	66
29) Tetrahydrofuran	7.604	42	703820	270.300	ug/l #	83
30) Chloroform	7.739	83	342080	53.444	ug/l	92
31) Cyclohexane	8.022	56	314482	47.531	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	276471	49.249	ug/l	95
36) 1,1-Dichloropropene	8.145	75	246754	53.317	ug/l	97
37) Ethyl Acetate	7.334	43	408379	57.137	ug/l #	93
38) Carbon Tetrachloride	8.128	117	229411	53.688	ug/l	94
39) Methylcyclohexane	9.392	83	296022	53.791	ug/l	96
40) Benzene	8.386	78	791191	55.284	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	181653	52.570	ug/l	93
42) 1,2-Dichloroethane	8.463	62	276838	56.369	ug/l	97
43) Isopropyl Acetate	8.492	43	647751	57.858	ug/l #	90
44) Trichloroethene	9.145	130	160308	51.766	ug/l	85
45) 1,2-Dichloropropane	9.428	63	220083	55.956	ug/l	99
46) Dibromomethane	9.516	93	136278	55.323	ug/l #	82
47) Bromodichloromethane	9.698	83	279409	57.855	ug/l #	98
48) Methyl methacrylate	9.492	41	278928	56.188	ug/l	84
49) 1,4-Dioxane	9.504	88	100758	1055.723	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	2231307	305.203	ug/l	87
52) Toluene	10.445	92	489844	58.369	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	307733	54.673	ug/l	92
54) cis-1,3-Dichloropropene	10.128	75	333055	55.293	ug/l #	85
55) 1,1,2-Trichloroethane	10.839	97	195136	54.894	ug/l	96
56) Ethyl methacrylate	10.704	69	353446	55.663	ug/l #	75
57) 1,3-Dichloropropane	10.980	76	352120	56.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	771981	276.250	ug/l #	87
59) 2-Hexanone	11.028	43	1721771	308.503	ug/l	85
60) Dibromochloromethane	11.175	129	196749	57.816	ug/l	98
61) 1,2-Dibromoethane	11.286	107	198020	57.342	ug/l	99
64) Tetrachloroethene	10.916	164	130720	51.320	ug/l	94
65) Chlorobenzene	11.710	112	483579	51.899	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	179054	52.890	ug/l	99
67) Ethyl Benzene	11.786	91	944434	55.207	ug/l	97
68) m/p-Xylenes	11.892	106	708168	111.963	ug/l	95
69) o-Xylene	12.222	106	359917	55.810	ug/l	98
70) Styrene	12.233	104	591296	55.120	ug/l	96
71) Bromoform	12.398	173	135419	54.425	ug/l #	100
73) Isopropylbenzene	12.522	105	913973	50.986	ug/l	99
74) N-amyl acetate	12.333	43	587727	52.438	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.769	83	349390	48.637	ug/l	98
76) 1,2,3-Trichloropropane	12.822	75	255548m	47.422	ug/l	
77) Bromobenzene	12.804	156	193281	50.475	ug/l	76
78) n-propylbenzene	12.863	91	1126965	52.785	ug/l	95
79) 2-Chlorotoluene	12.945	91	639828	50.202	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	763027	52.217	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	118635	47.516	ug/l	94
82) 4-Chlorotoluene	13.045	91	625021	51.593	ug/l	99
83) tert-Butylbenzene	13.263	119	688361	51.760	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	767743	52.208	ug/l	97
85) sec-Butylbenzene	13.445	105	1002138	54.880	ug/l	95
86) p-Isopropyltoluene	13.557	119	788895	55.416	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	371620	52.812	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	354655	50.148	ug/l	96
89) n-Butylbenzene	13.886	91	713324	55.592	ug/l	96
90) Hexachloroethane	14.151	117	150263	48.512	ug/l	75
91) 1,2-Dichlorobenzene	13.927	146	366672	50.228	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	70573	44.491	ug/l	86
93) 1,2,4-Trichlorobenzene	15.198	180	182093	52.357	ug/l	98
94) Hexachlorobutadiene	15.304	225	76288	49.910	ug/l	96
95) Naphthalene	15.439	128	732436	48.913	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	181962	50.476	ug/l	96

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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

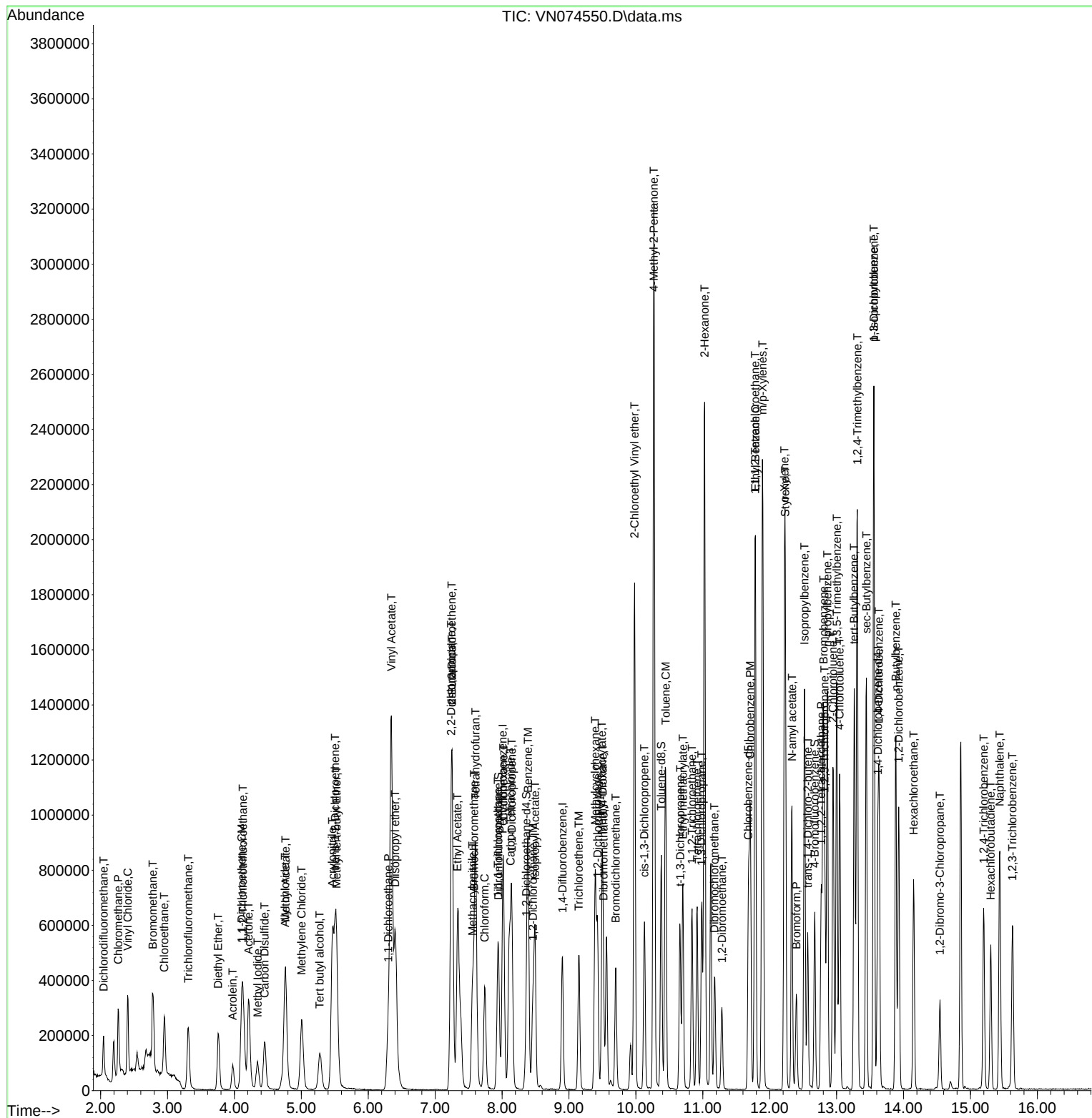
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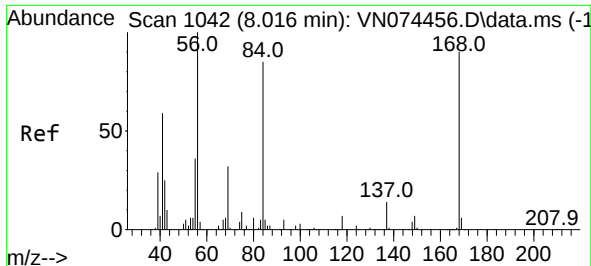
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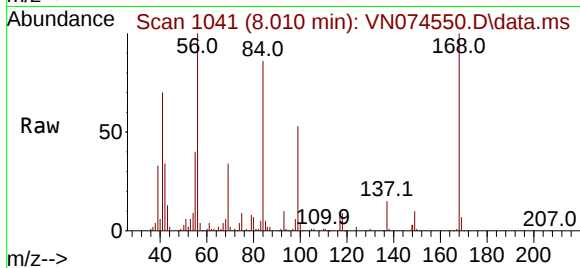
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074550.D
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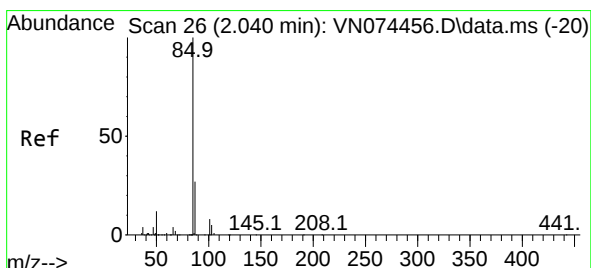
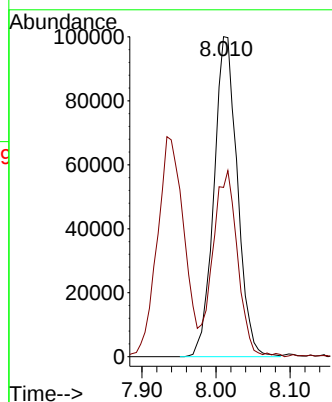
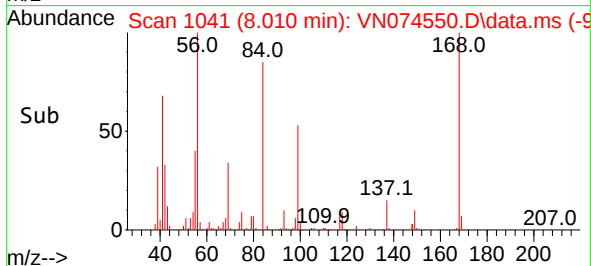
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Tgt Ion: 168 Resp: 21969
Ion Ratio Lower Upper
168 100
99 52.2 42.3 63.5

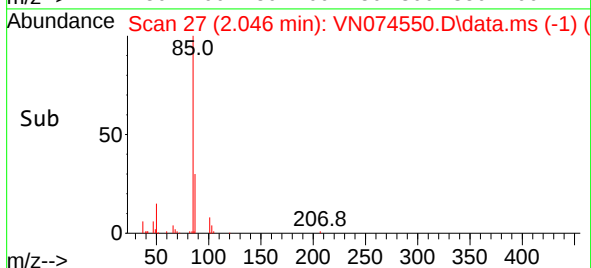
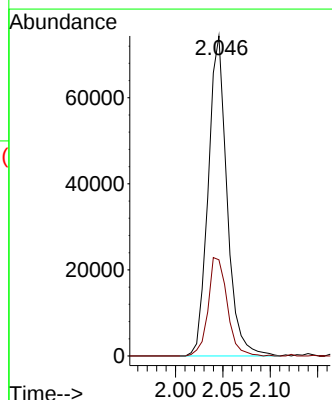
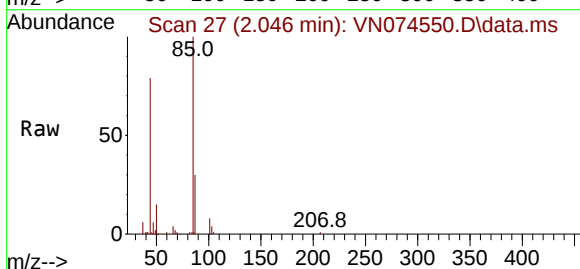
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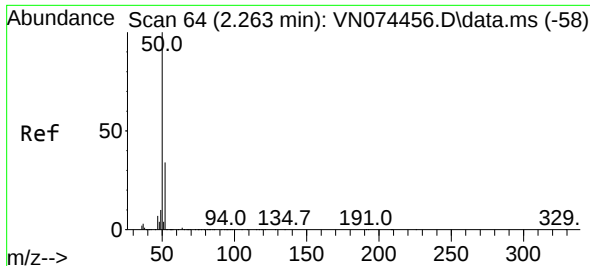
Reviewed By : John Carlone 09/19/2022
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#2
Dichlorodifluoromethane
Concen: 42.908 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

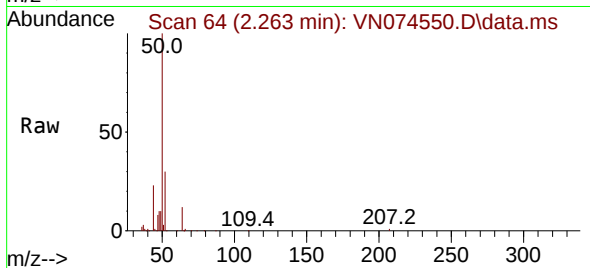
Tgt Ion: 85 Resp: 102593
Ion Ratio Lower Upper
85 100
87 30.1 15.7 47.1





#3
Chloromethane
Concen: 53.748 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

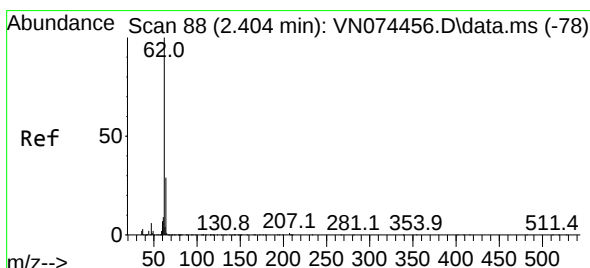
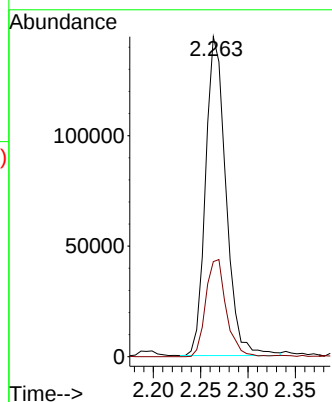
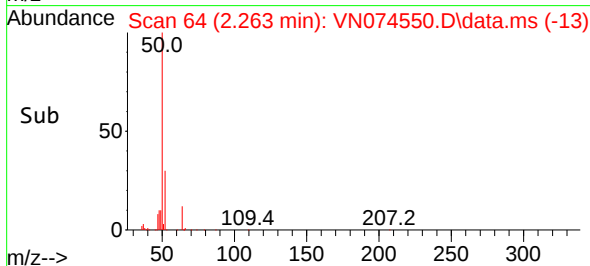
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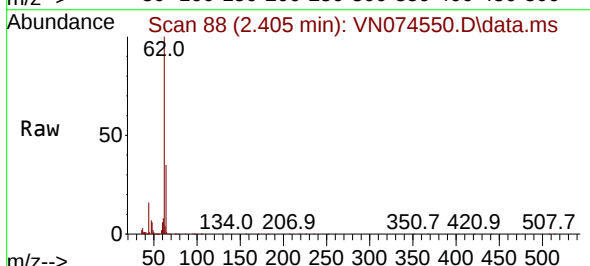
Tgt Ion: 50 Resp: 21623
Ion Ratio Lower Upper
50 100
52 29.8 25.7 38.5

Manual Integrations
APPROVED

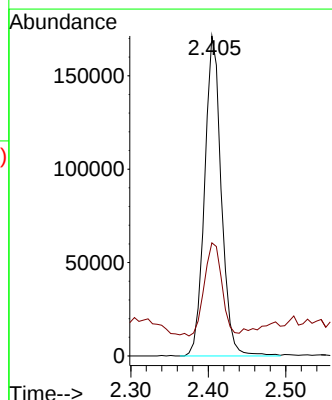
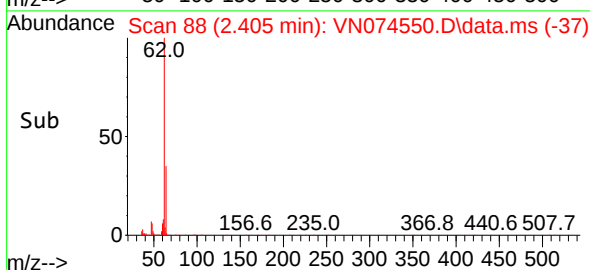
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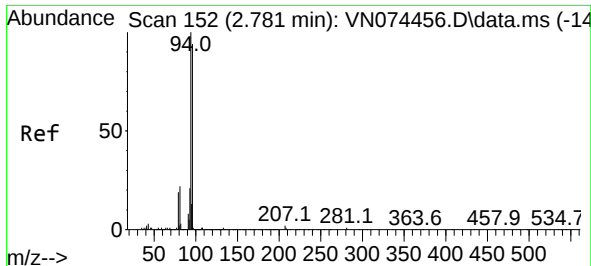


#4
Vinyl Chloride
Concen: 59.711 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.001 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



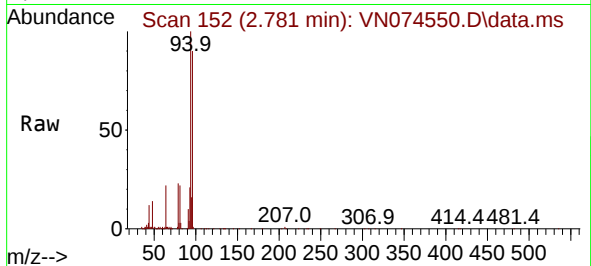
Tgt Ion: 62 Resp: 256981
Ion Ratio Lower Upper
62 100
64 28.7 25.0 37.4





#5
Bromomethane
Concen: 83.346 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

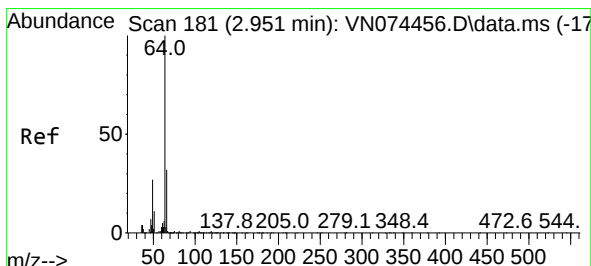
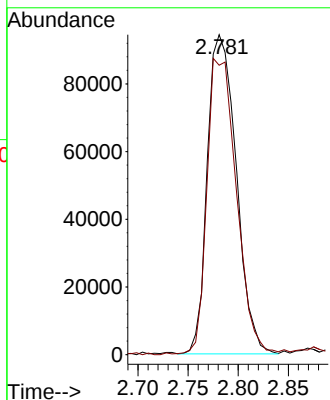
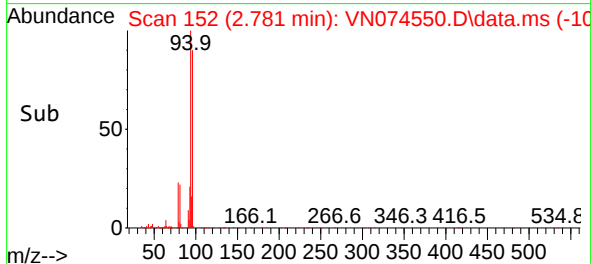
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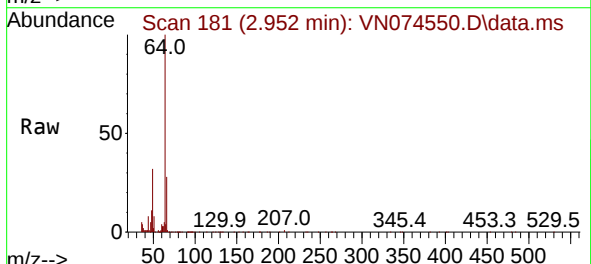
Tgt Ion: 94 Resp: 189160
Ion Ratio Lower Upper
94 100
96 90.4 76.0 114.0

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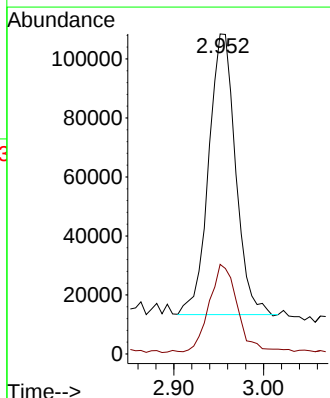
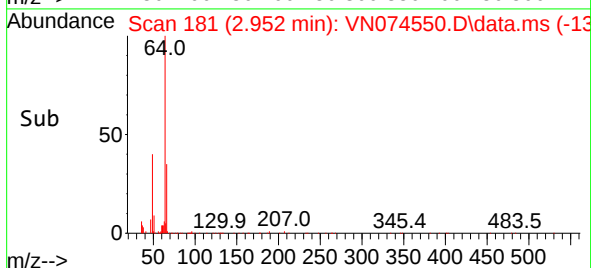
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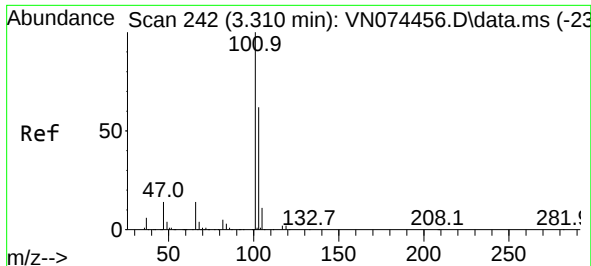


#6
Chloroethane
Concen: 67.532 ug/l
RT: 2.952 min Scan# 181
Delta R.T. 0.001 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



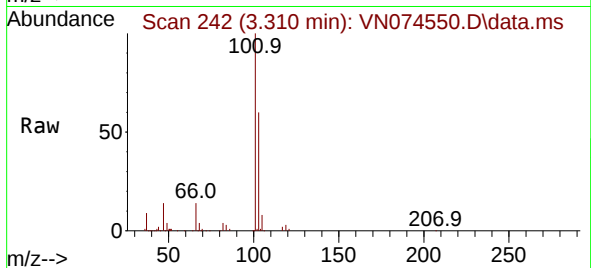
Tgt Ion: 64 Resp: 198527
Ion Ratio Lower Upper
64 100
66 31.0 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 48.217 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN074550.D
 Acq: 17 Sep 2022 12:40

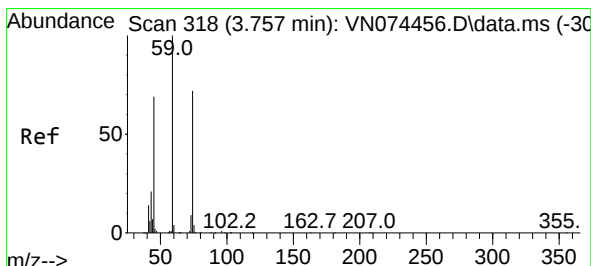
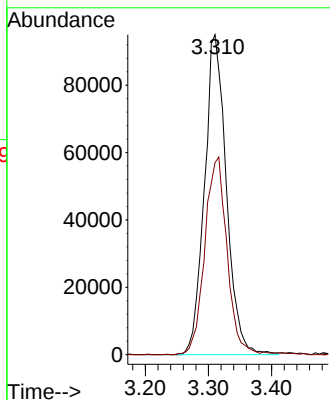
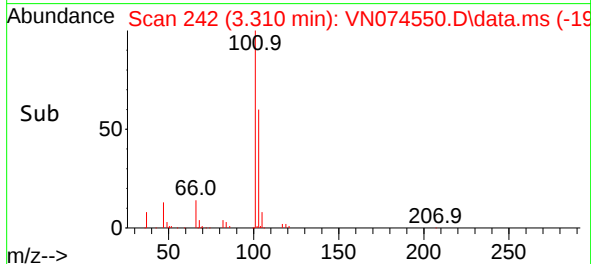
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Tgt Ion:101 Resp: 22916
 Ion Ratio Lower Upper
 101 100
 103 59.7 51.5 77.3

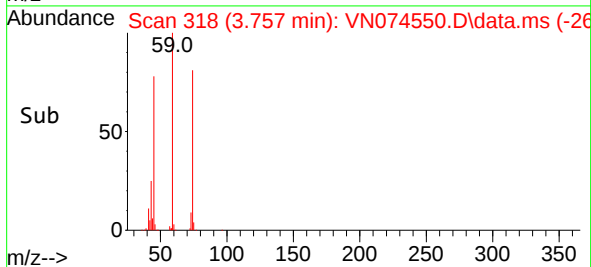
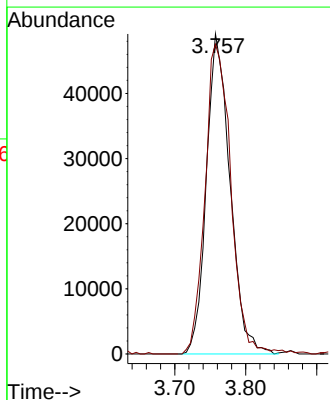
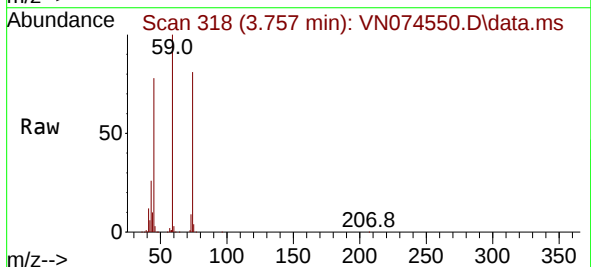
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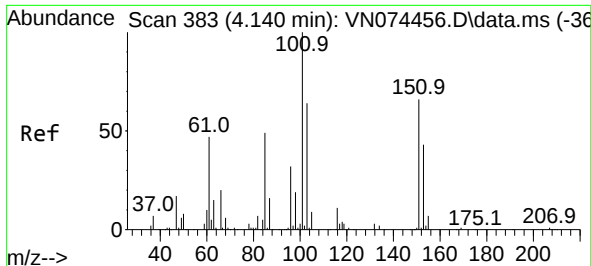
Reviewed By :John Carlone 09/19/2022
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#8
 Diethyl Ether
 Concen: 46.934 ug/l
 RT: 3.757 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VN074550.D
 Acq: 17 Sep 2022 12:40

Tgt Ion: 74 Resp: 113751
 Ion Ratio Lower Upper
 74 100
 45 105.9 42.9 128.5





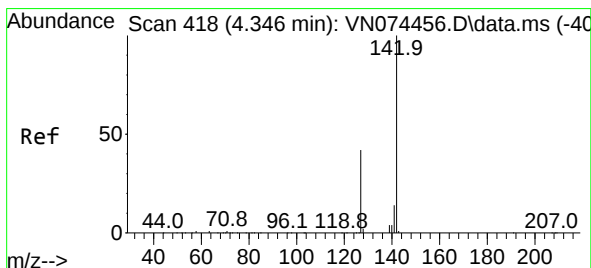
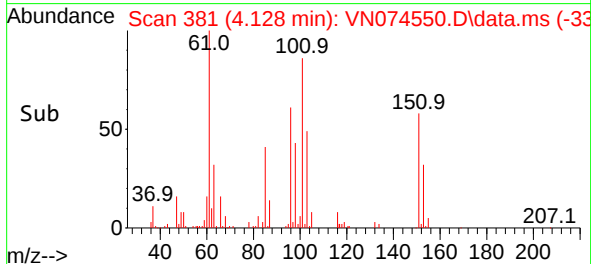
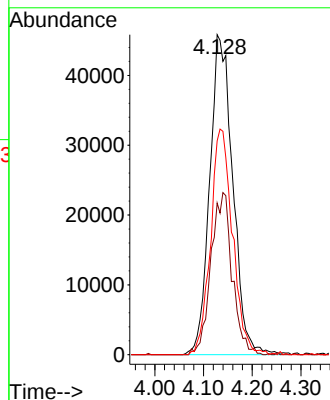
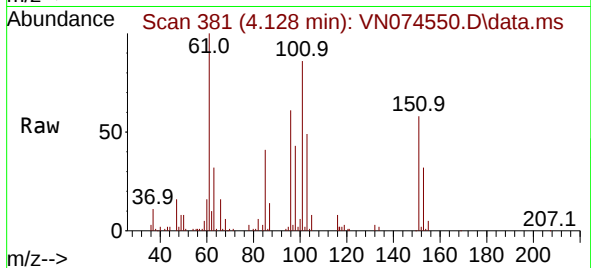
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.214 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.012 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 150580
Ion Ratio Lower Upper
101 100
85 46.7 34.7 52.1
151 67.2 63.0 94.4

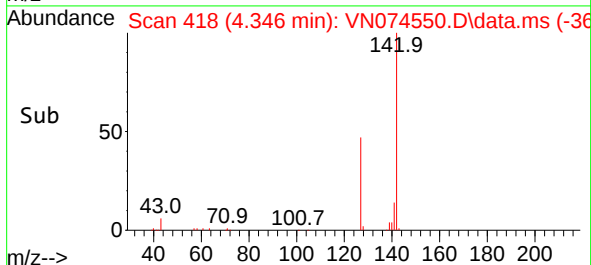
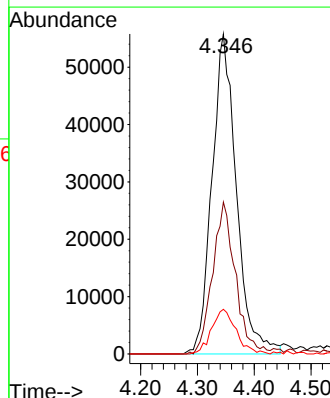
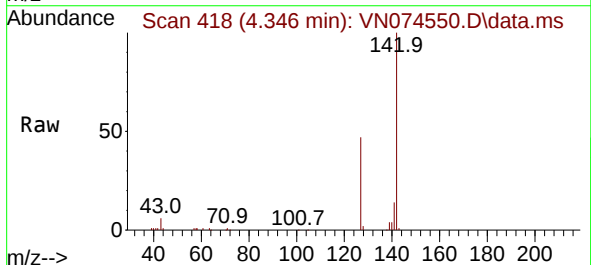
Manual Integrations
APPROVED

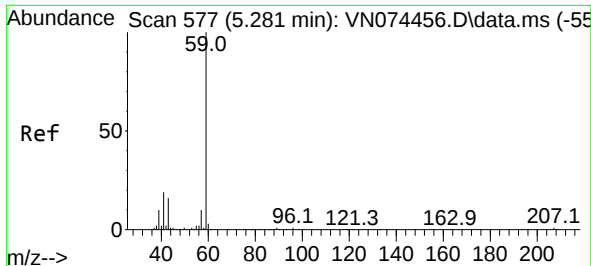
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#10
Methyl Iodide
Concen: 48.033 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

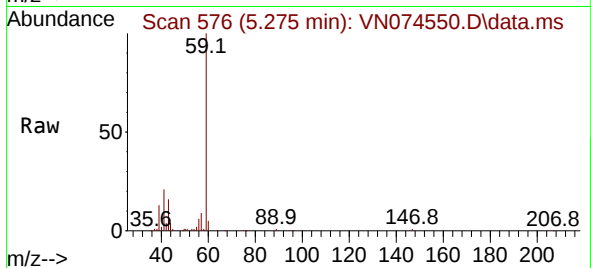
Tgt Ion:142 Resp: 166608
Ion Ratio Lower Upper
142 100
127 44.2 31.3 46.9
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 207.153 ug/l
RT: 5.275 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

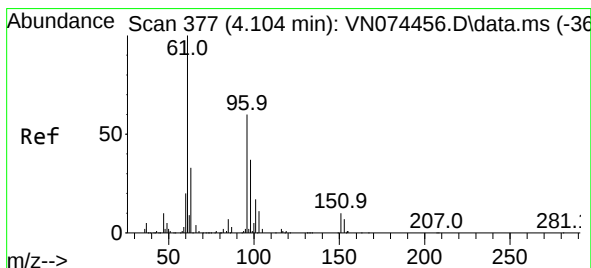
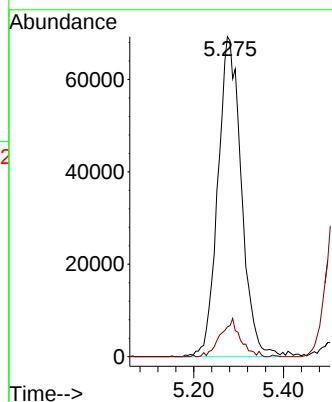
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



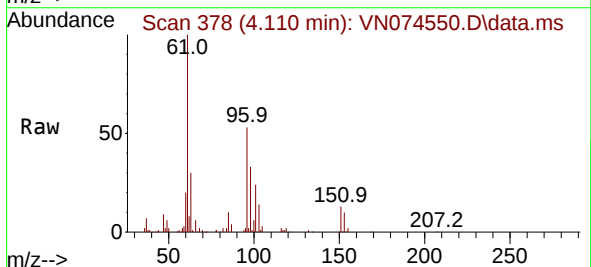
Tgt Ion: 59 Resp: 25154
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

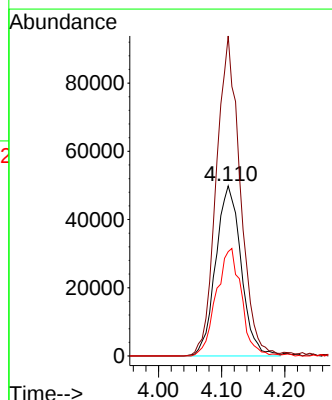
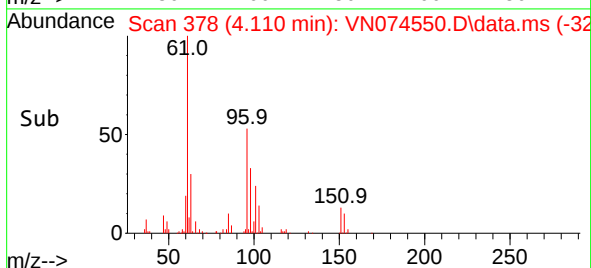
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

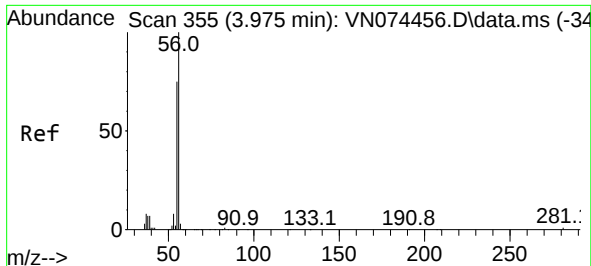


#12
1,1-Dichloroethene
Concen: 48.143 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



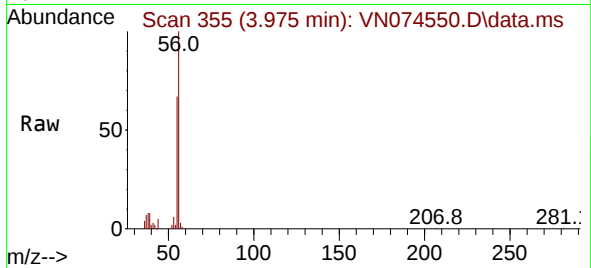
Tgt Ion: 96 Resp: 139355
Ion Ratio Lower Upper
96 100
61 188.1 127.6 191.4
98 61.3 51.2 76.8





#13
Acrolein
Concen: 239.079 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

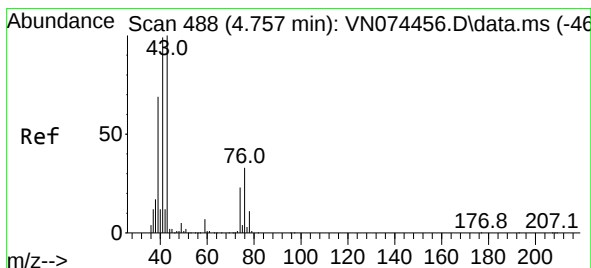
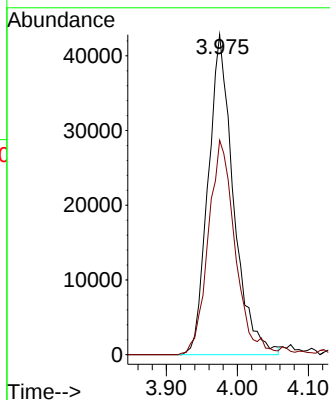
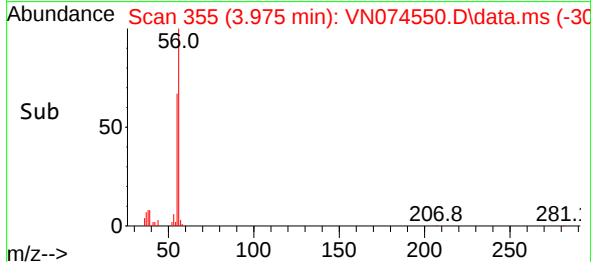
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



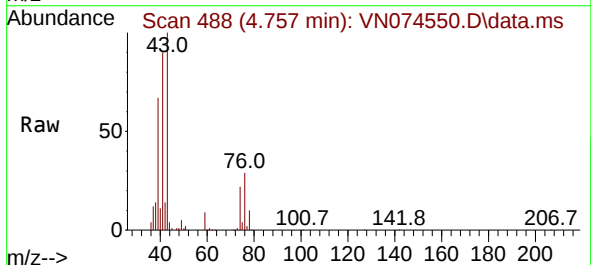
Tgt Ion: 56 Resp: 106017
Ion Ratio Lower Upper
56 100
55 70.8 54.8 82.2

Manual Integrations
APPROVED

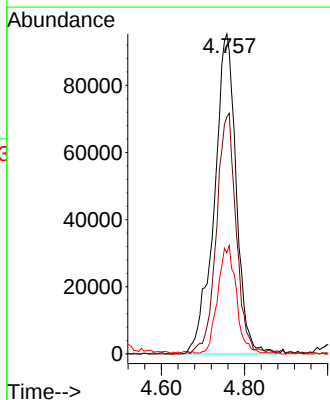
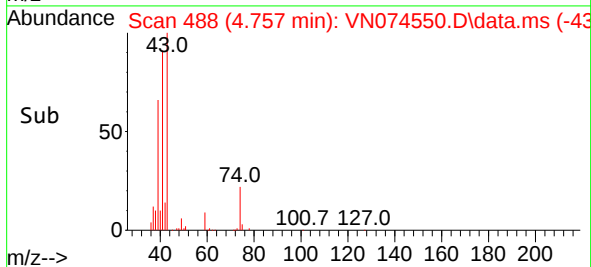
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

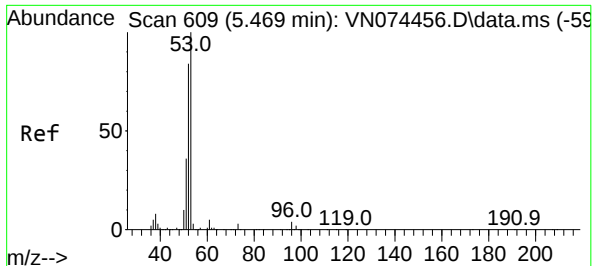


#14
Allyl chloride
Concen: 50.633 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



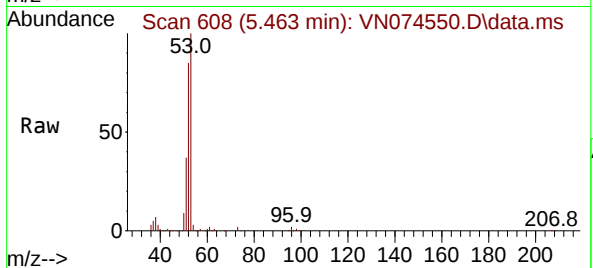
Tgt Ion: 41 Resp: 349824
Ion Ratio Lower Upper
41 100
39 67.7 53.2 79.8
76 28.1 29.9 44.9





#15
Acrylonitrile
Concen: 262.255 ug/l
RT: 5.463 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

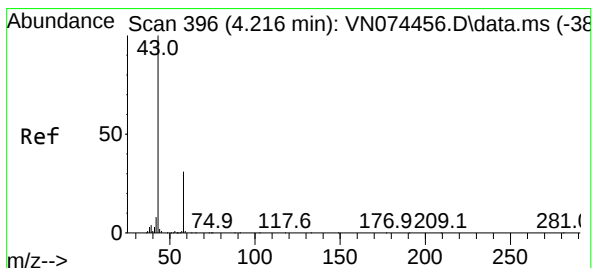
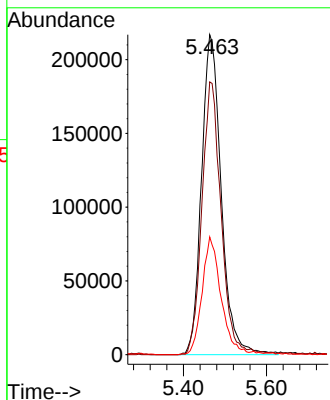
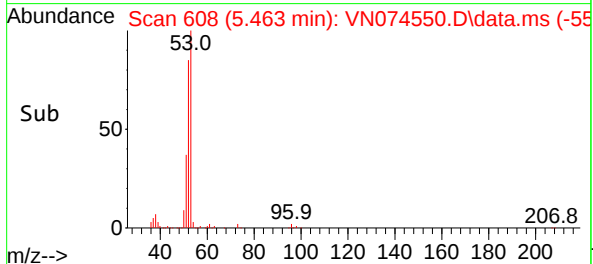
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 715434
Ion Ratio Lower Upper
53 100
52 83.2 66.4 99.6
51 35.2 28.5 42.7

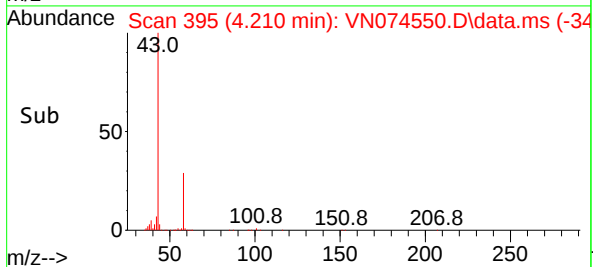
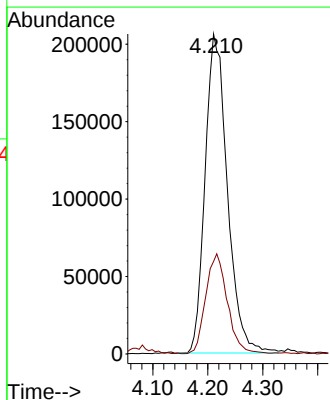
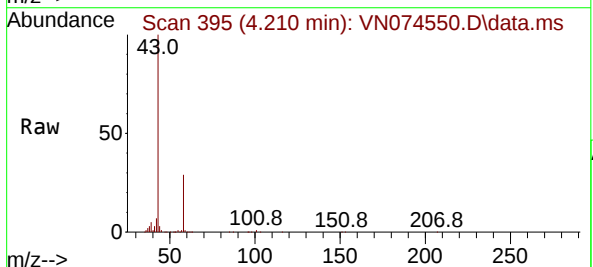
Manual Integrations
APPROVED

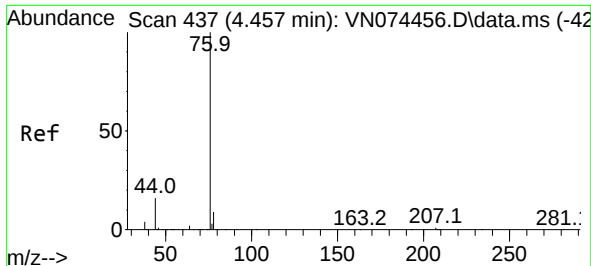
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#16
Acetone
Concen: 243.560 ug/l
RT: 4.210 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

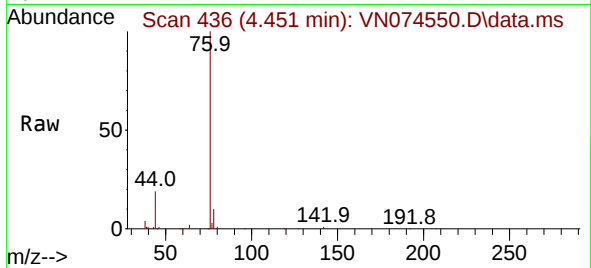
Tgt Ion: 43 Resp: 580959
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0





#17
Carbon Disulfide
Concen: 44.739 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

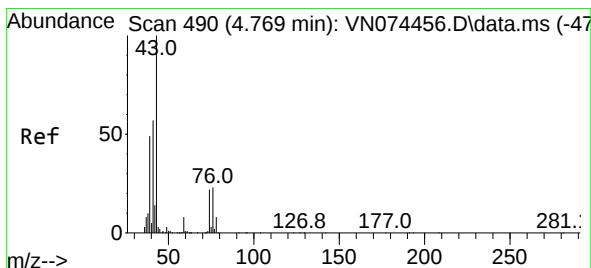
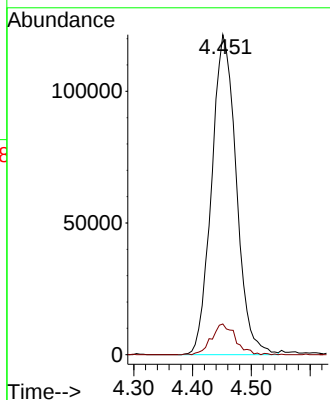
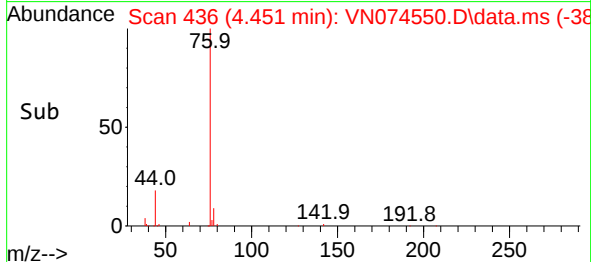
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



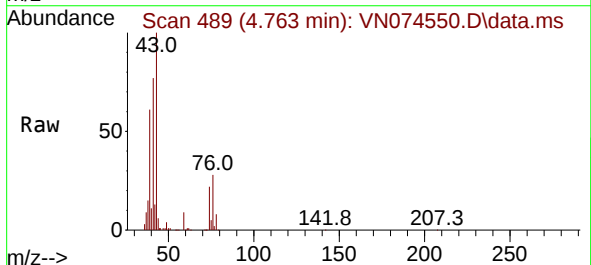
Tgt Ion: 76 Resp: 35496
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

Manual Integrations
APPROVED

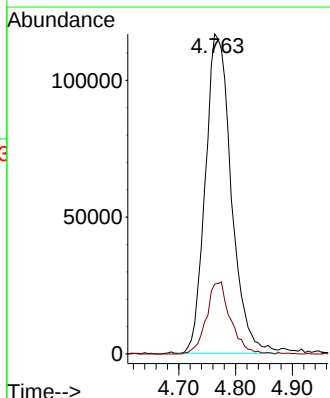
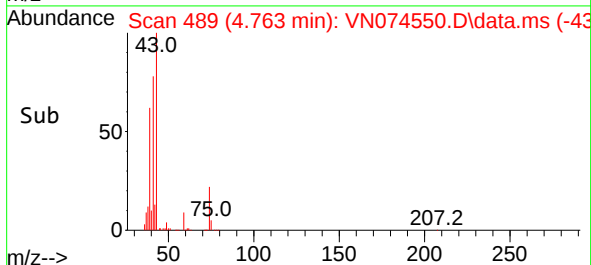
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

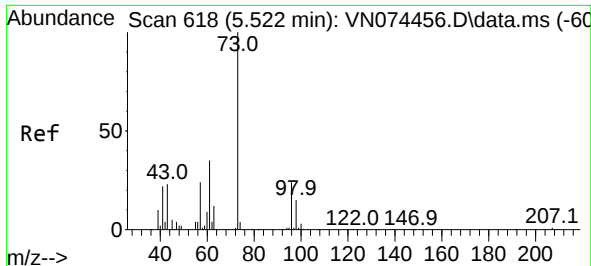


#18
Methyl Acetate
Concen: 50.068 ug/l
RT: 4.763 min Scan# 489
Delta R.T. -0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



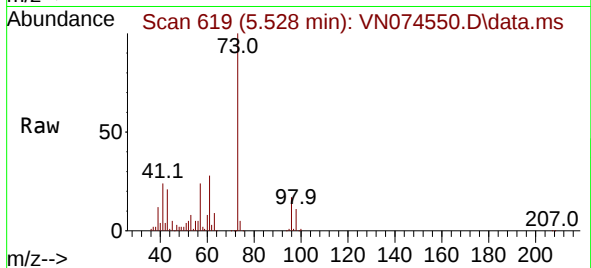
Tgt Ion: 43 Resp: 370931
Ion Ratio Lower Upper
43 100
74 20.8 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 49.792 ug/l
RT: 5.528 min Scan# 618
Delta R.T. 0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

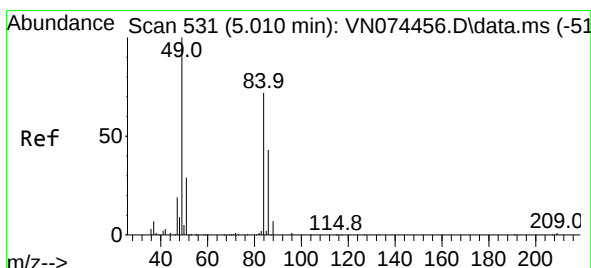
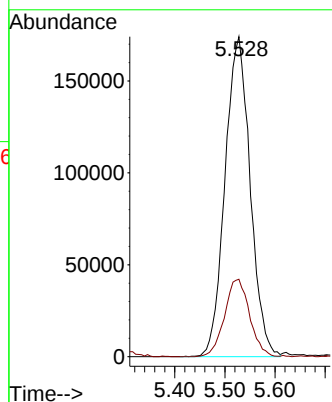
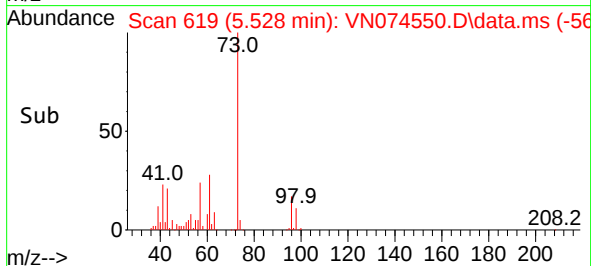
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 60719
Ion Ratio Lower Upper
73 100
57 24.2 17.6 26.4

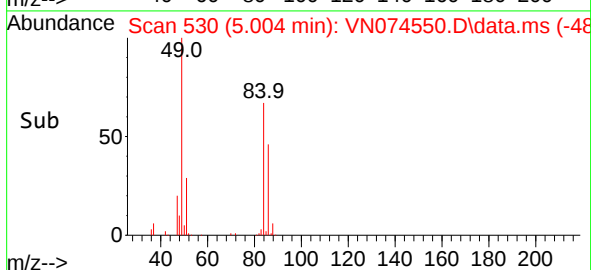
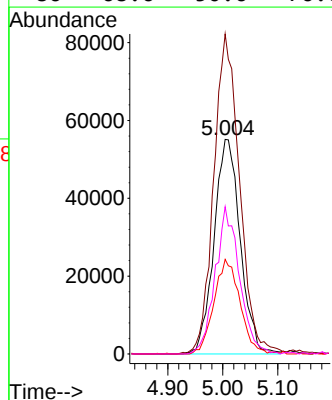
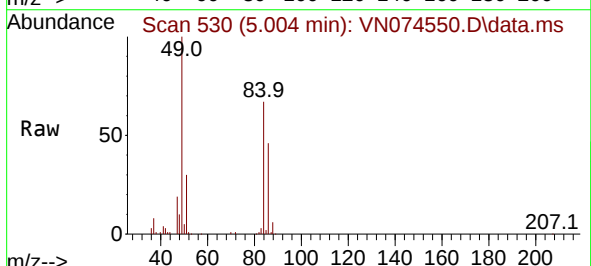
Manual Integrations
APPROVED

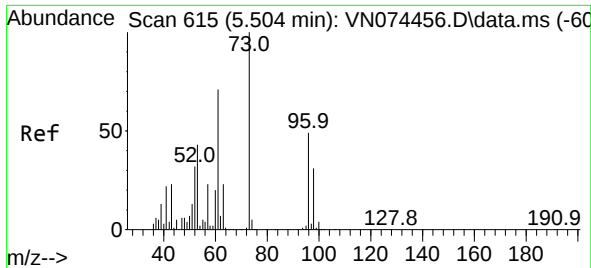
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#20
Methylene Chloride
Concen: 50.104 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

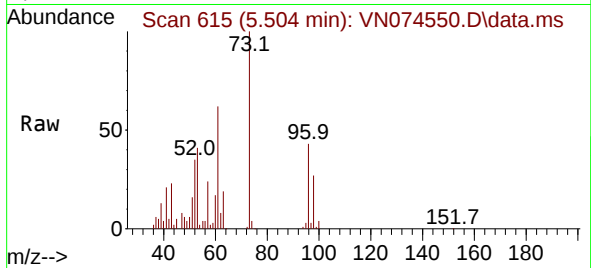
Tgt Ion: 84 Resp: 182459
Ion Ratio Lower Upper
84 100
49 148.9 88.3 132.5#
51 44.1 28.2 42.2#
86 68.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 48.935 ug/l
RT: 5.504 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

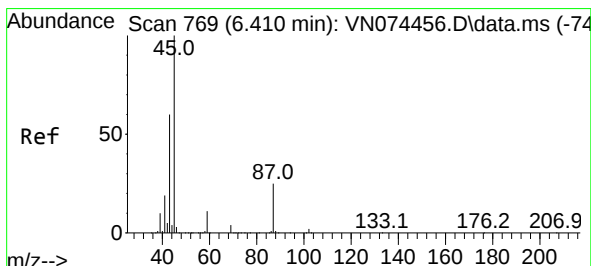
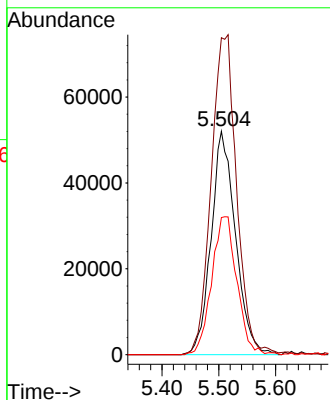
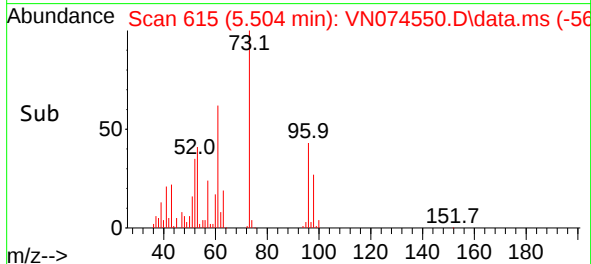
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 15549
Ion Ratio Lower Upper
96 100
61 141.9 105.8 158.8
98 61.4 50.3 75.5

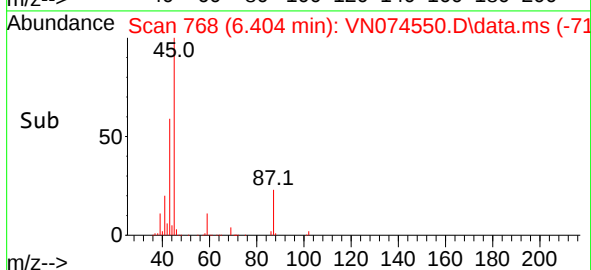
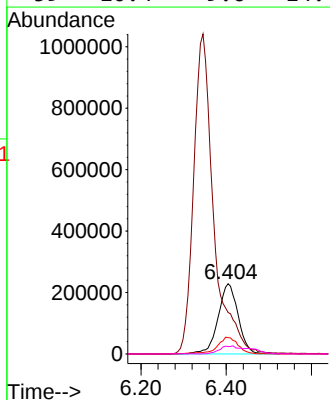
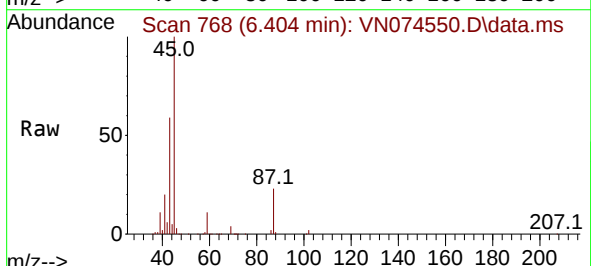
Manual Integrations
APPROVED

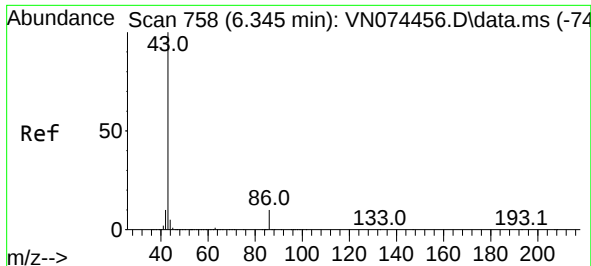
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#22
Diisopropyl ether
Concen: 53.879 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

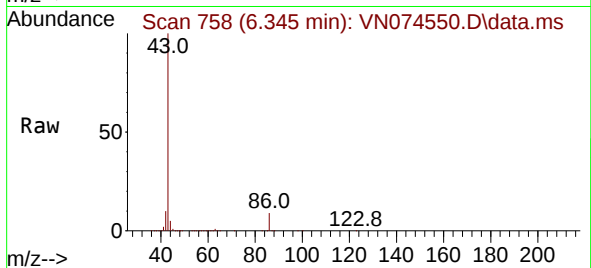
Tgt Ion: 45 Resp: 747482
Ion Ratio Lower Upper
45 100
43 58.0 46.6 70.0
87 23.2 24.3 36.5#
59 10.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 277.645 ug/l
 RT: 6.345 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN074550.D
 Acq: 17 Sep 2022 12:40

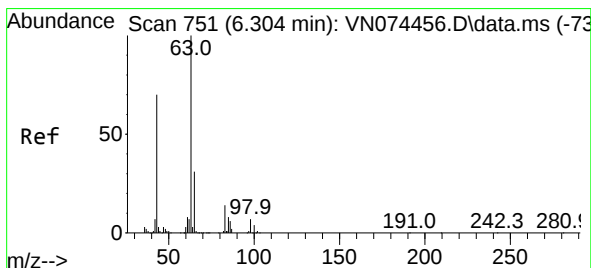
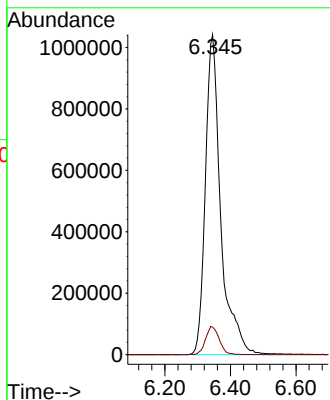
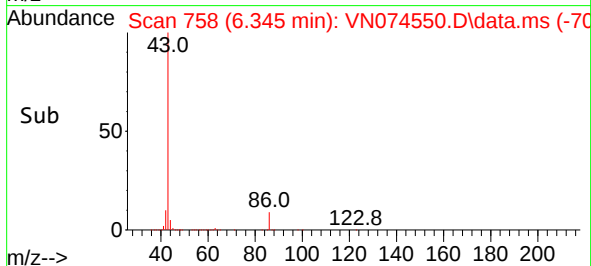
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



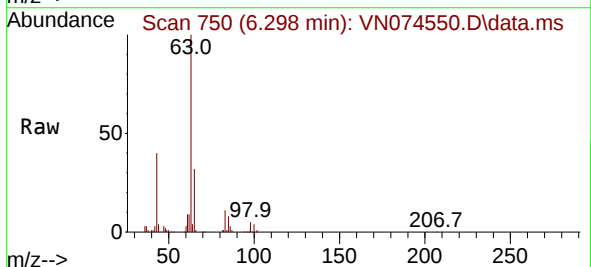
Tgt Ion: 43 Resp: 339737
 Ion Ratio Lower Upper
 43 100
 86 8.6 10.0 15.0

Manual Integrations
 APPROVED

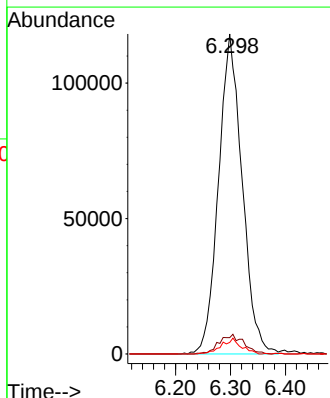
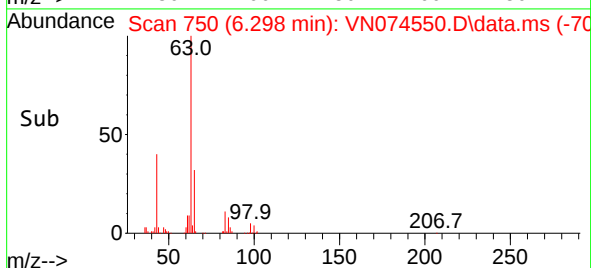
Reviewed By :John Carlone 09/19/2022
 Supervised By :Mahesh Dadoda 09/19/2022

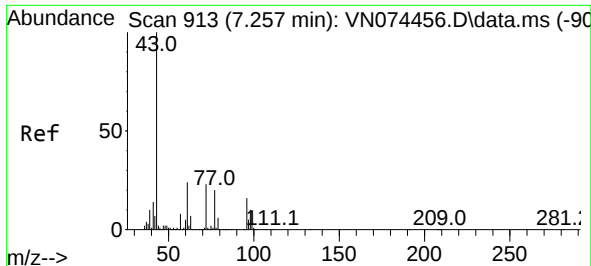


#24
 1,1-Dichloroethane
 Concen: 50.776 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN074550.D
 Acq: 17 Sep 2022 12:40



Tgt Ion: 63 Resp: 352123
 Ion Ratio Lower Upper
 63 100
 98 5.1 3.5 10.4
 100 3.6 2.3 6.8





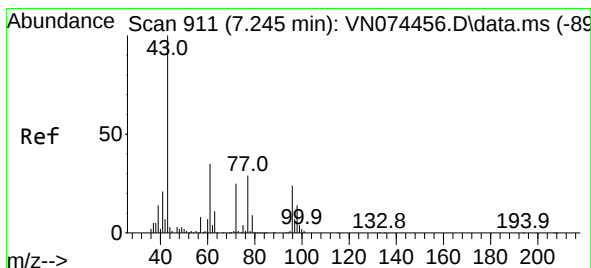
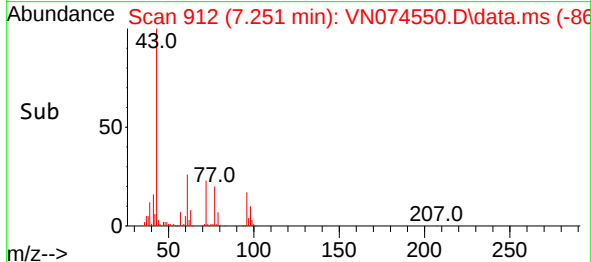
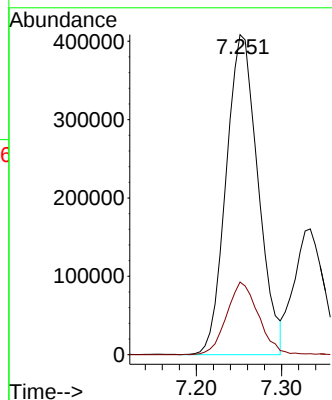
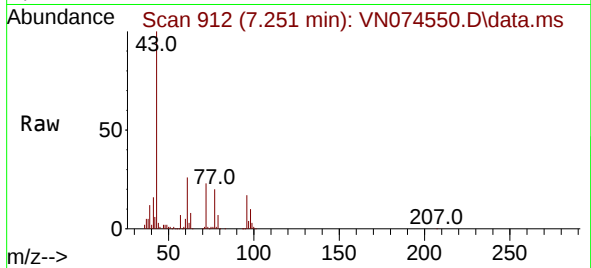
#25
2-Butanone
Concen: 268.811 ug/l
RT: 7.251 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1064574
Ion Ratio Lower Upper
43 100
72 22.7 23.7 35.5

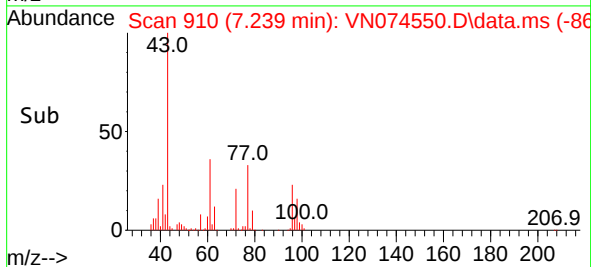
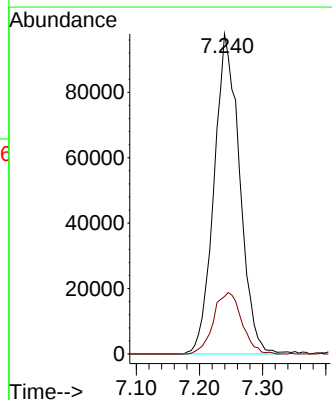
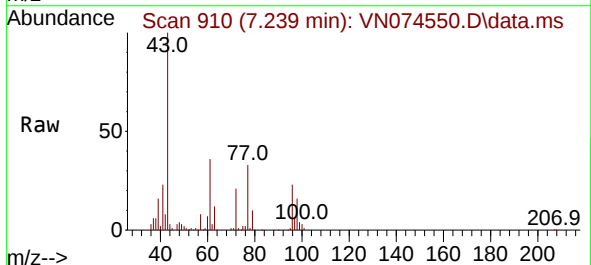
Manual Integrations
APPROVED

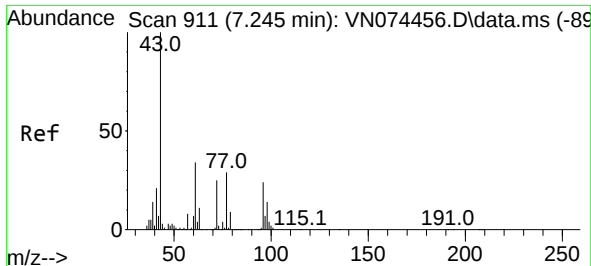
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#26
2,2-Dichloropropane
Concen: 45.955 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

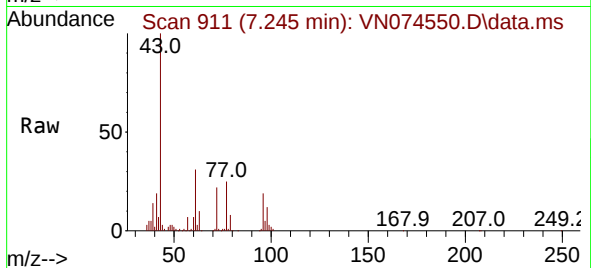
Tgt Ion: 77 Resp: 274757
Ion Ratio Lower Upper
77 100
97 21.2 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 49.561 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN074550.D
 Acq: 17 Sep 2022 12:40

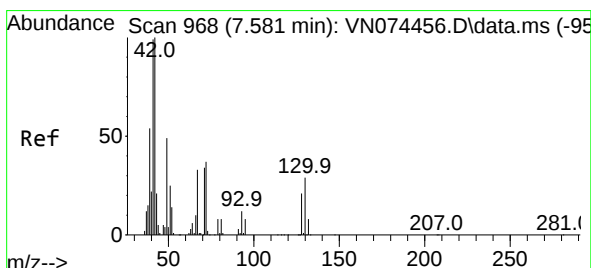
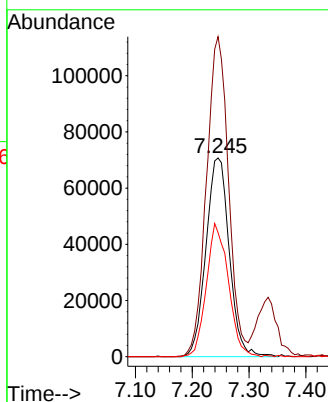
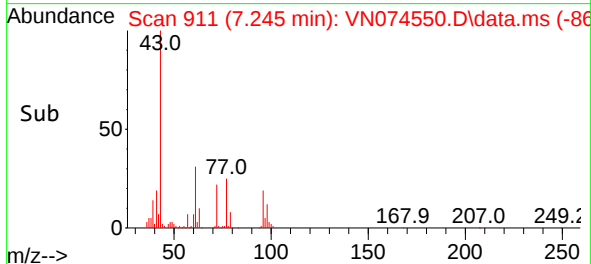
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



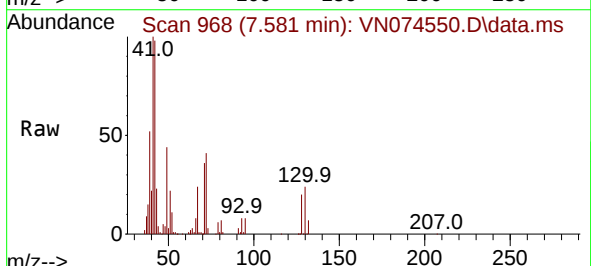
Tgt Ion: 96 Resp: 201609
 Ion Ratio Lower Upper
 96 100
 61 152.4 0.0 280.6
 98 63.1 0.0 128.4

Manual Integrations
 APPROVED

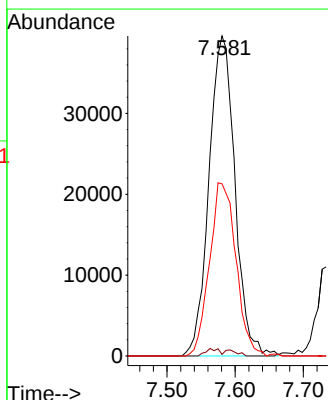
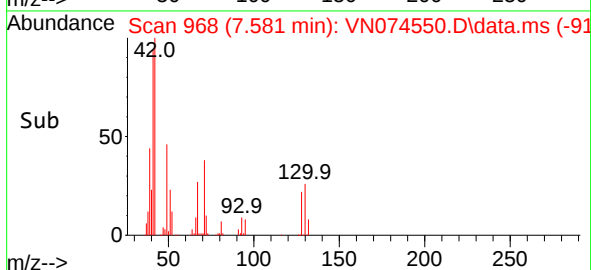
Reviewed By :John Carlone 09/19/2022
 Supervised By :Mahesh Dadoda 09/19/2022

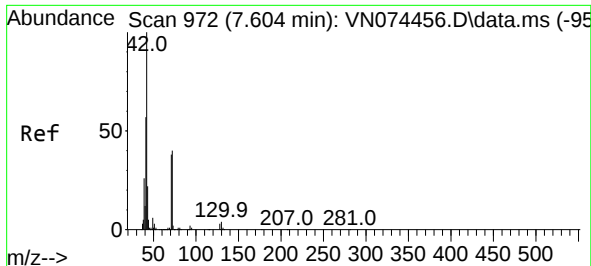


#28
 Bromochloromethane
 Concen: 51.327 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN074550.D
 Acq: 17 Sep 2022 12:40



Tgt Ion: 49 Resp: 104818
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.6
 130 55.2 69.7 104.5#





#29

Tetrahydrofuran

Concen: 270.300 ug/l

RT: 7.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 703820

Ion Ratio Lower Upper

42 100

72 36.6 39.7 59.5

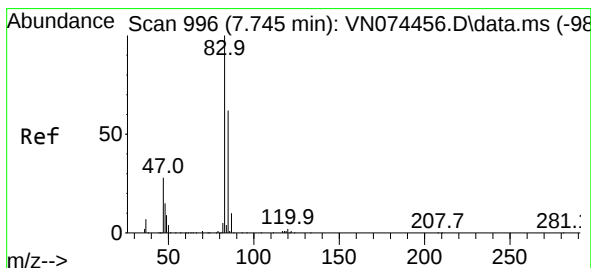
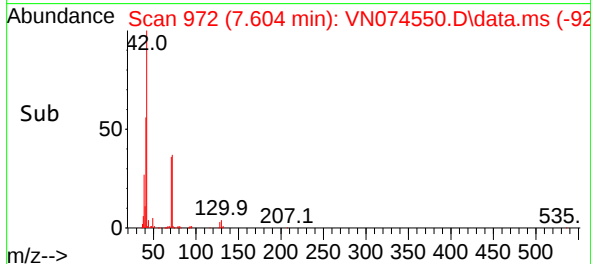
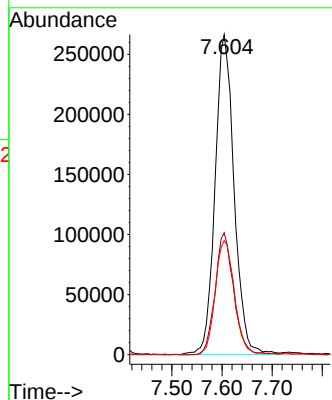
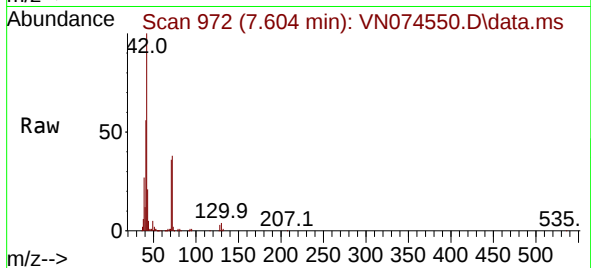
71 35.9 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#30

Chloroform

Concen: 53.444 ug/l

RT: 7.739 min Scan# 995

Delta R.T. -0.006 min

Lab File: VN074550.D

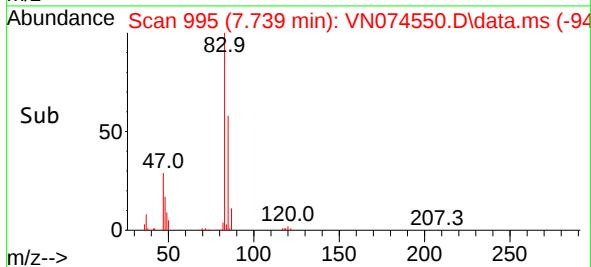
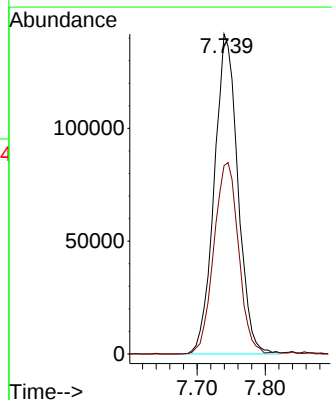
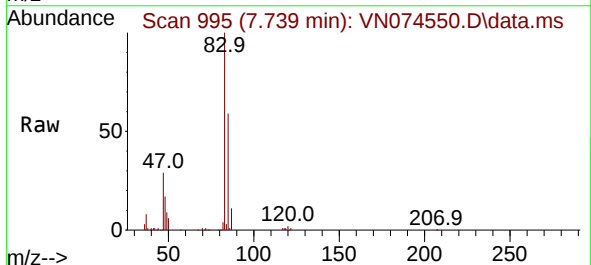
Acq: 17 Sep 2022 12:40

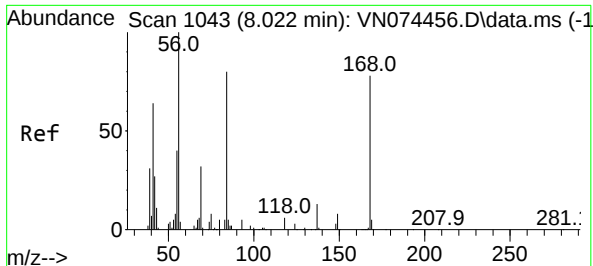
Tgt Ion: 83 Resp: 342080

Ion Ratio Lower Upper

83 100

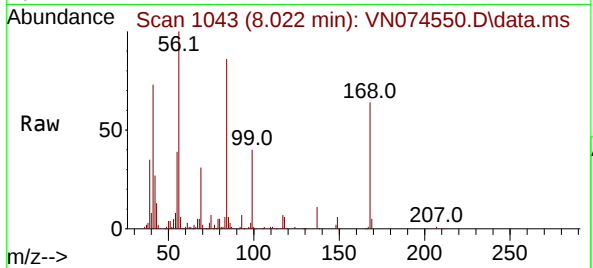
85 58.9 51.8 77.8





#31
Cyclohexane
Concen: 47.531 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

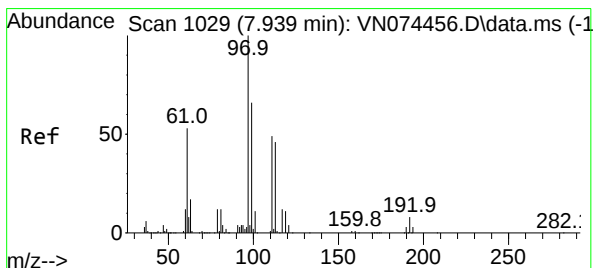
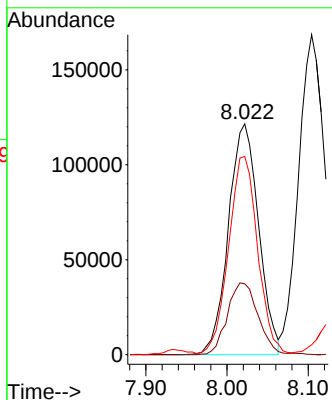
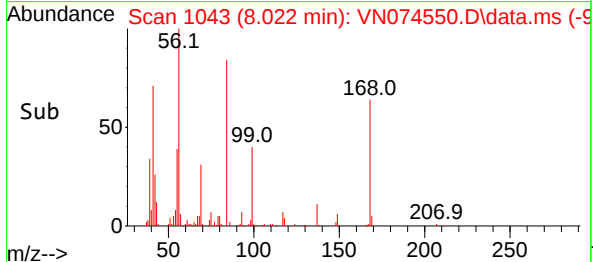
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



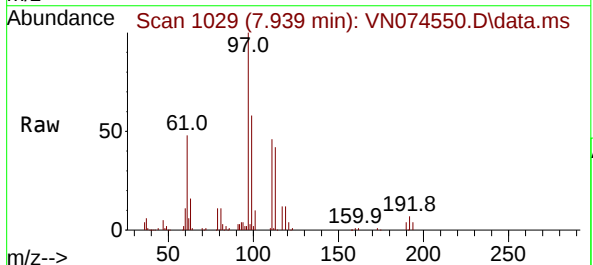
Tgt Ion: 56 Resp: 31448
Ion Ratio Lower Upper
56 100
69 30.7 27.8 41.8
84 83.9 76.9 115.3

Manual Integrations
APPROVED

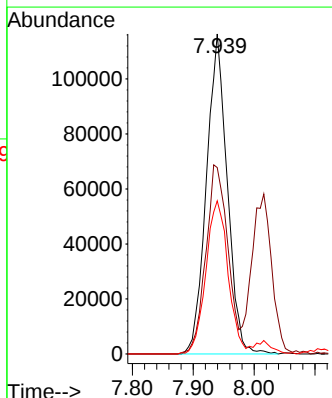
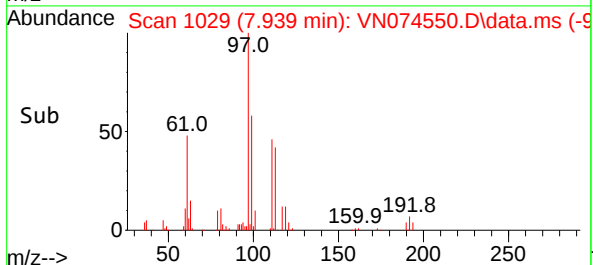
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

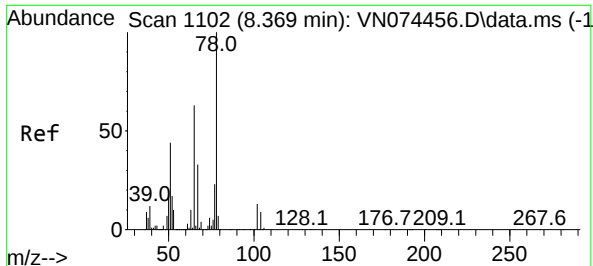


#32
1,1,1-Trichloroethane
Concen: 49.249 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



Tgt Ion: 97 Resp: 276471
Ion Ratio Lower Upper
97 100
99 62.0 50.6 76.0
61 50.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 48.278 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 179960

Ion Ratio Lower Upper

65 100

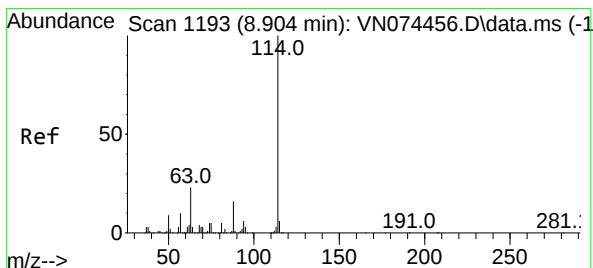
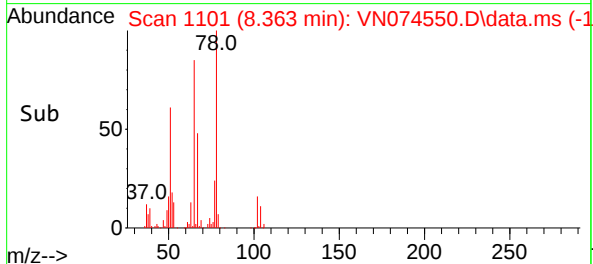
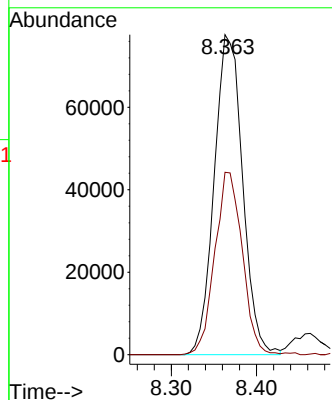
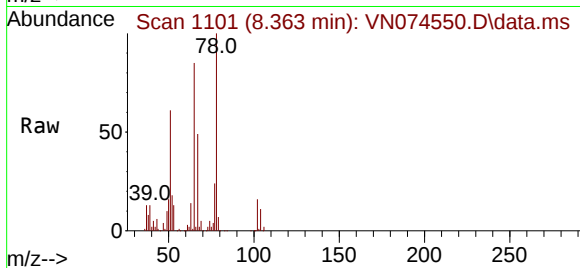
67 55.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

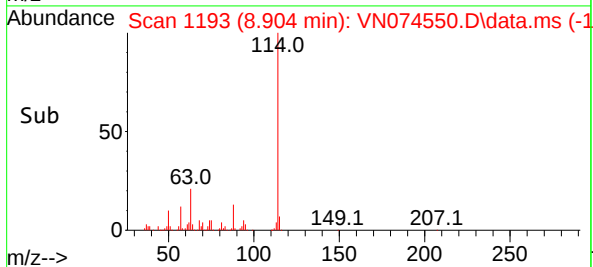
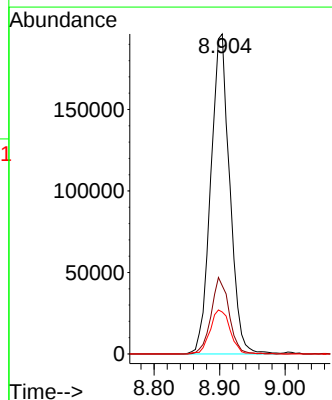
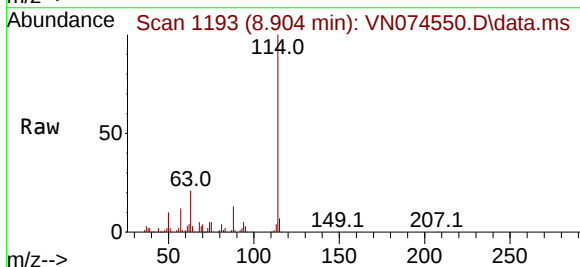
Tgt Ion:114 Resp: 393611

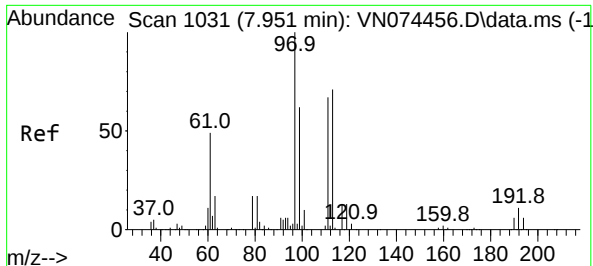
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 13.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.332 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 13683

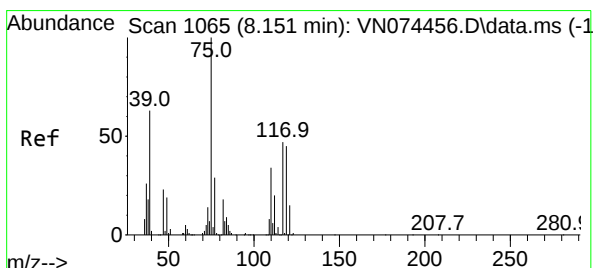
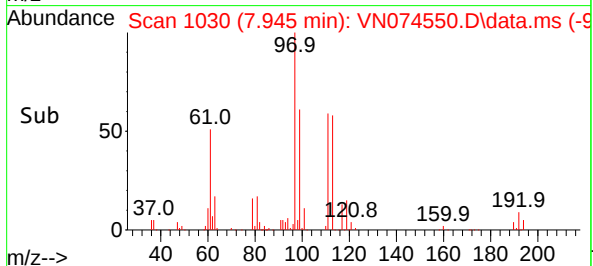
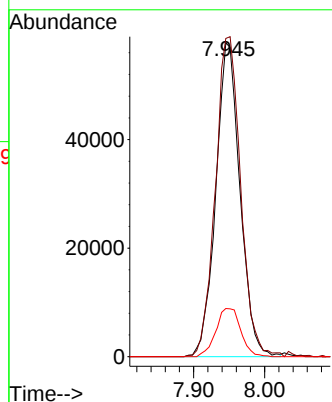
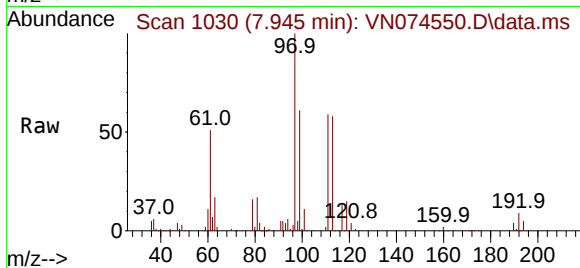
Ion	Ratio	Lower	Upper
113	100		
111	106.1	81.4	122.0
192	15.8	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#36

1,1-Dichloropropene

Concen: 53.317 ug/l

RT: 8.145 min Scan# 1064

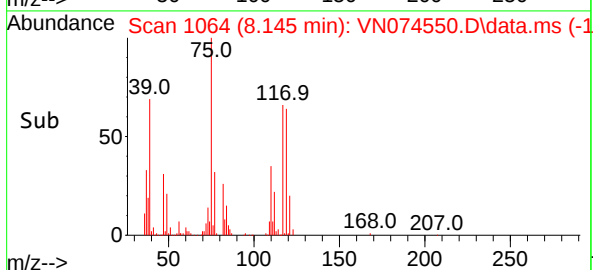
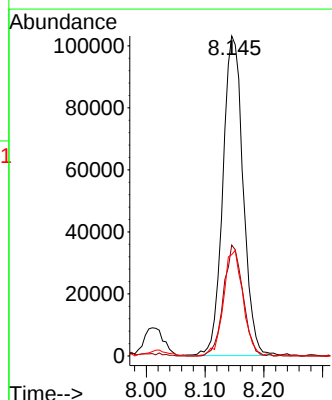
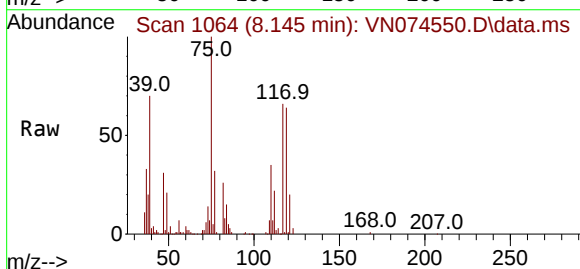
Delta R.T. -0.006 min

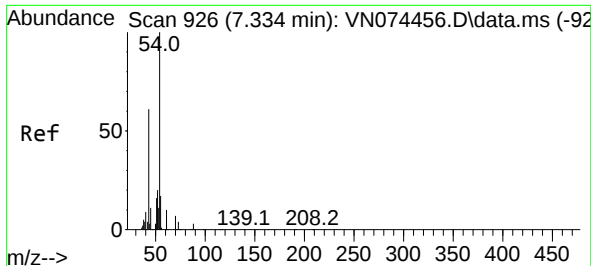
Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

Tgt Ion: 75 Resp: 246754

Ion	Ratio	Lower	Upper
75	100		
110	33.3	18.3	54.8
77	31.9	25.1	37.7





#37

Ethyl Acetate

Concen: 57.137 ug/l

RT: 7.334 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 408379

Ion Ratio Lower Upper

43 100

61 12.4 11.8 17.6

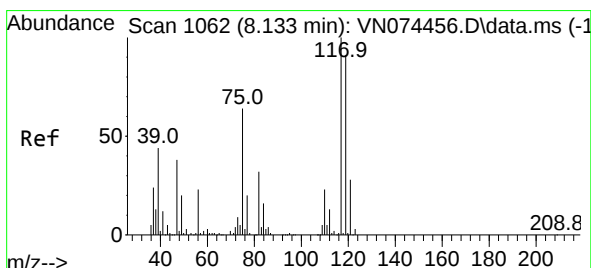
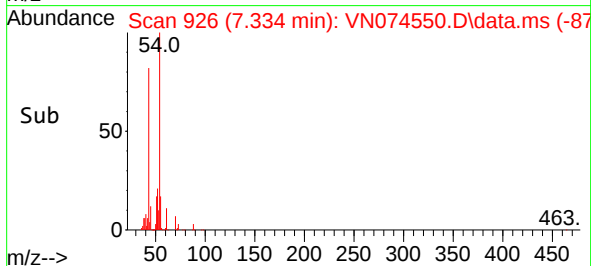
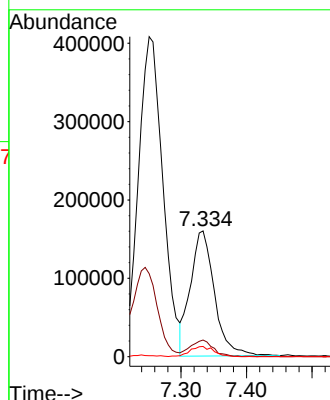
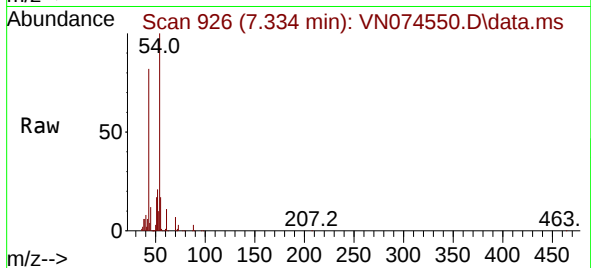
70 8.1 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#38

Carbon Tetrachloride

Concen: 53.688 ug/l

RT: 8.128 min Scan# 1061

Delta R.T. -0.005 min

Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

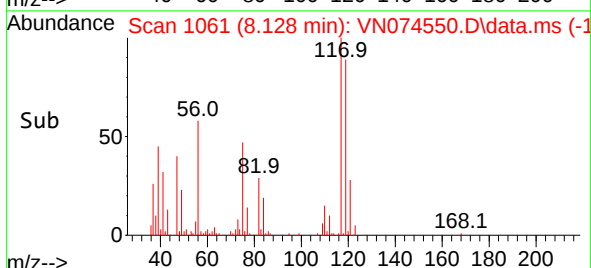
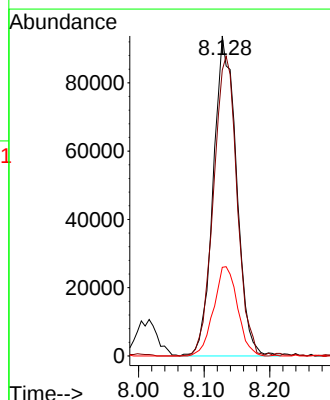
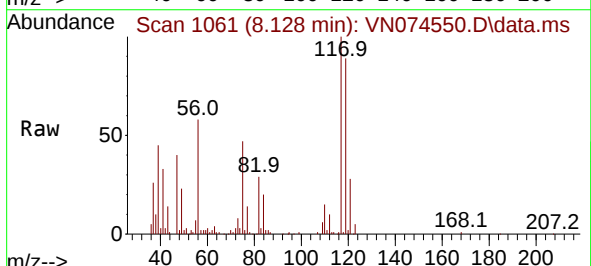
Tgt Ion:117 Resp: 229411

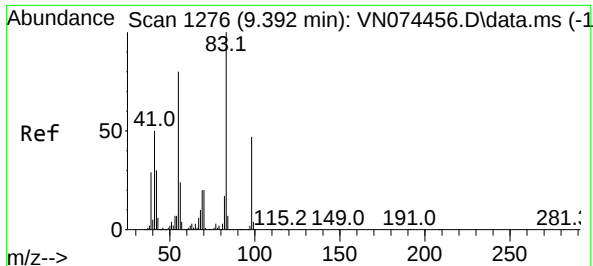
Ion Ratio Lower Upper

117 100

119 89.4 75.8 113.8

121 27.7 24.6 37.0





#39

Methylcyclohexane

Concen: 53.791 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 29602

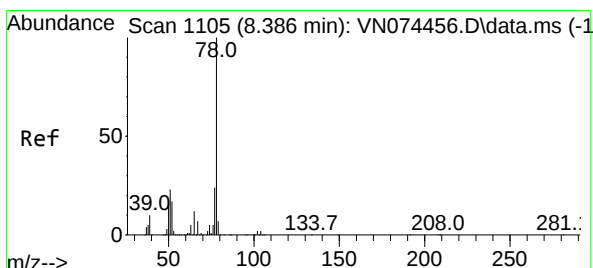
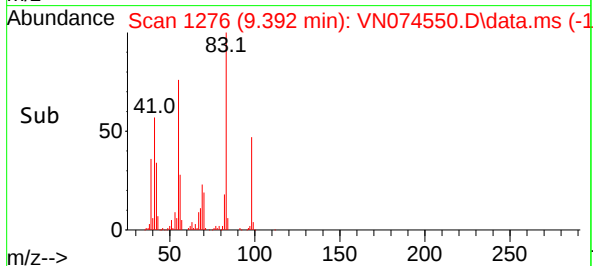
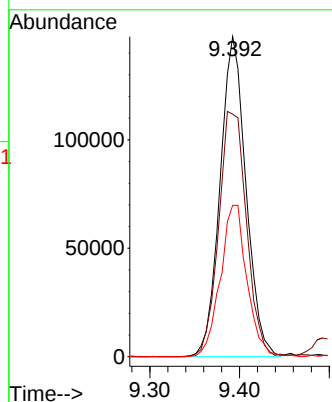
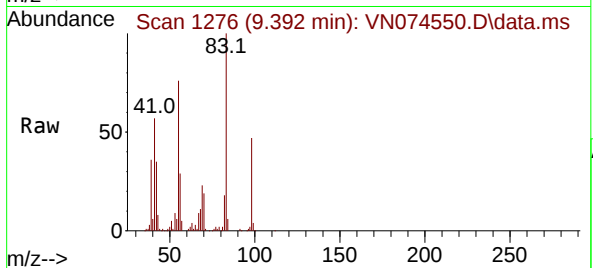
Ion	Ratio	Lower	Upper
83	100		
55	75.8	57.8	86.8
98	47.3	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#40

Benzene

Concen: 55.284 ug/l

RT: 8.386 min Scan# 1105

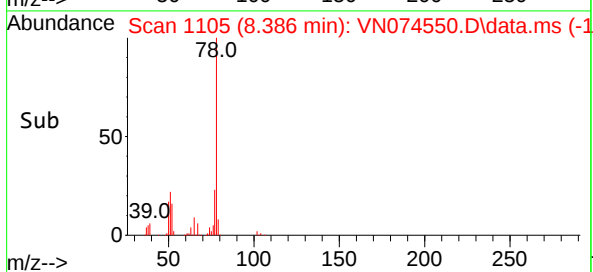
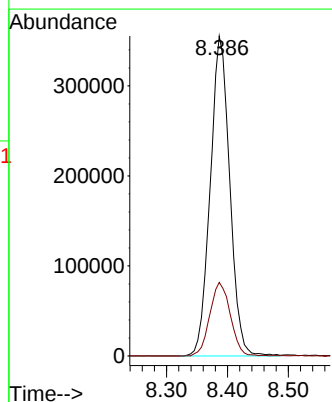
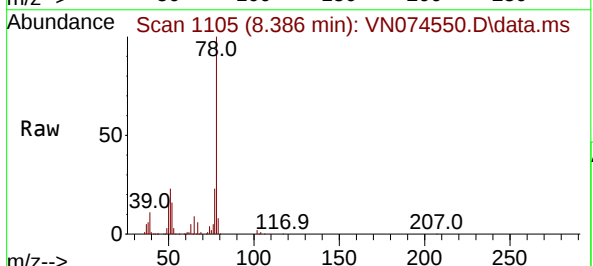
Delta R.T. 0.000 min

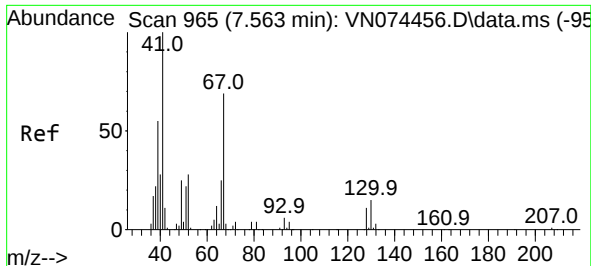
Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

Tgt Ion: 78 Resp: 791191

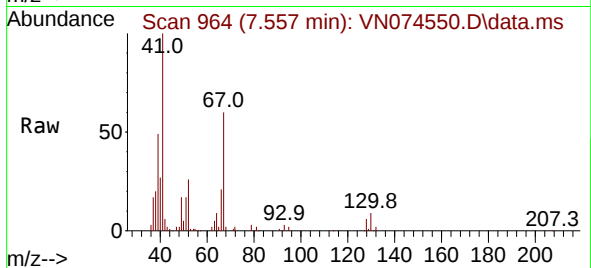
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.4	29.0





#41
Methacrylonitrile
Concen: 52.570 ug/l
RT: 7.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

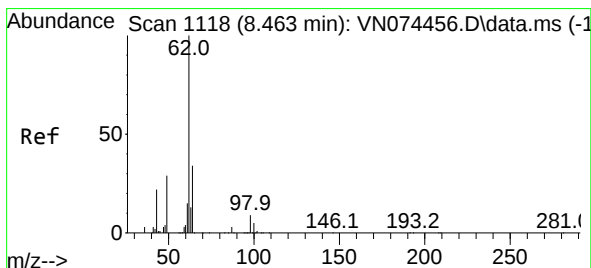
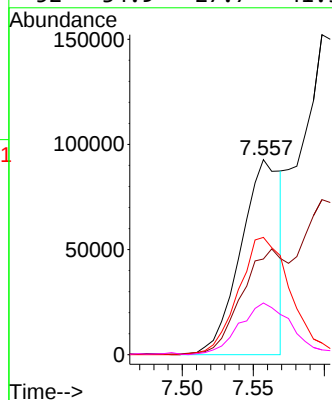
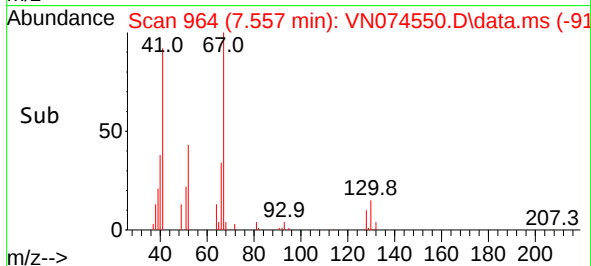
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



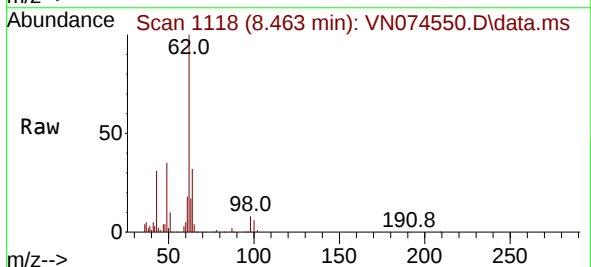
Tgt Ion: 41 Resp: 18165
Ion Ratio Lower Upper
41 100
39 61.6 48.6 73.0
67 80.0 73.4 110.2
52 34.9 27.7 41.5

Manual Integrations
APPROVED

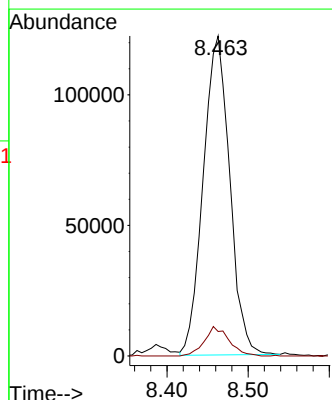
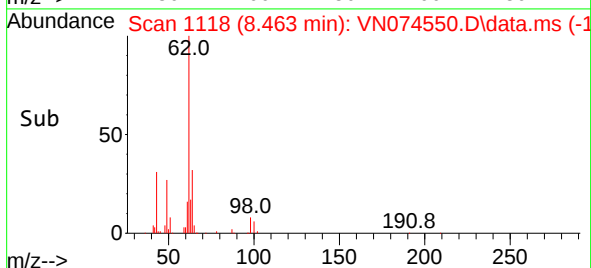
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

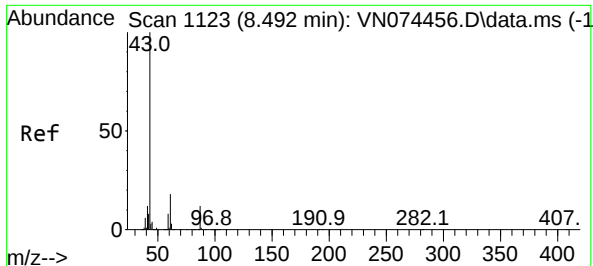


#42
1,2-Dichloroethane
Concen: 56.369 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



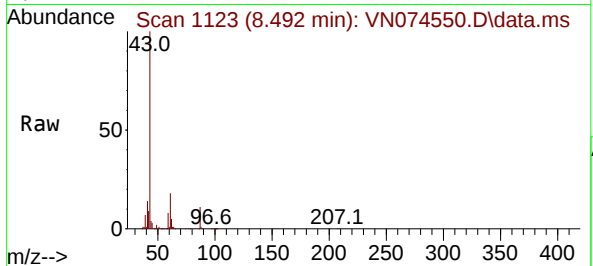
Tgt Ion: 62 Resp: 276838
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 57.858 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

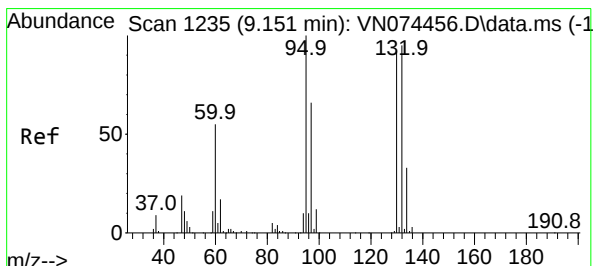
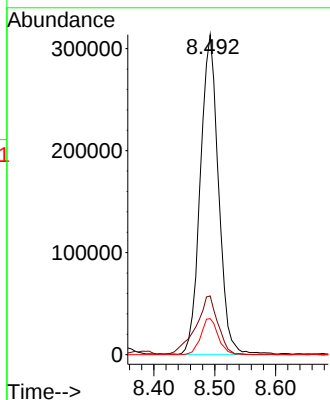
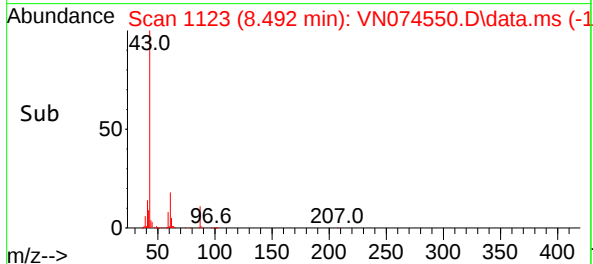
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



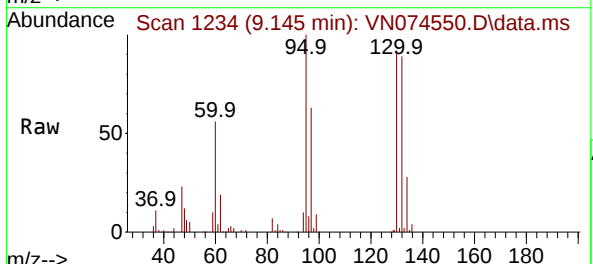
Tgt Ion: 43 Resp: 64775
Ion Ratio Lower Upper
43 100
61 22.4 21.9 32.9
87 10.9 12.0 18.0

Manual Integrations
APPROVED

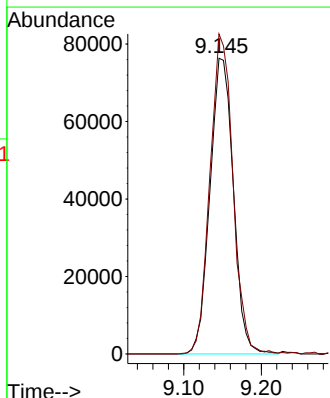
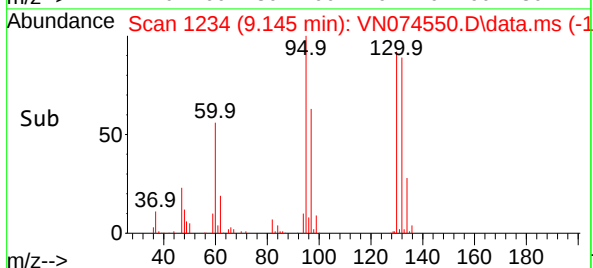
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

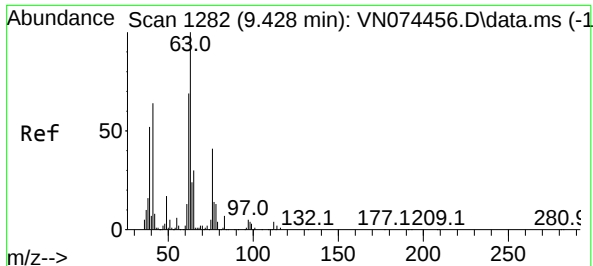


#44
Trichloroethene
Concen: 51.766 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



Tgt Ion:130 Resp: 160308
Ion Ratio Lower Upper
130 100
95 108.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 55.956 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 22008

Ion Ratio Lower Upper

63 100

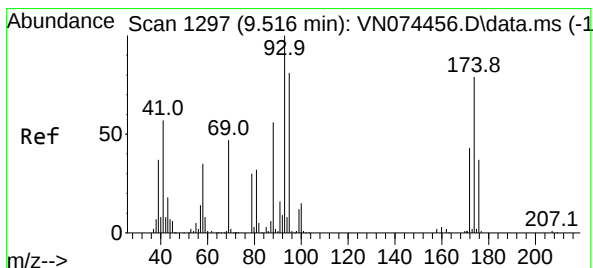
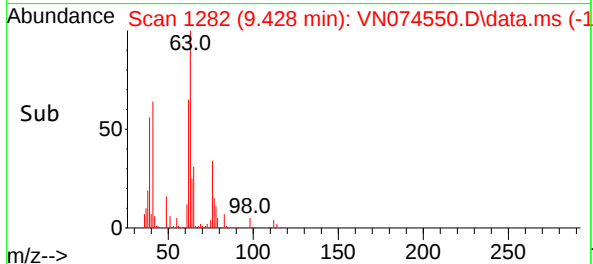
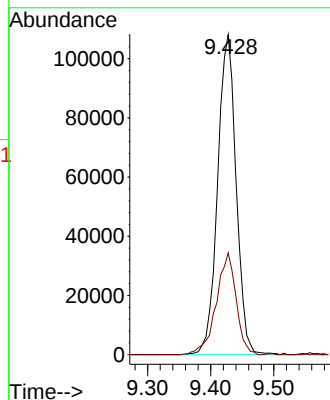
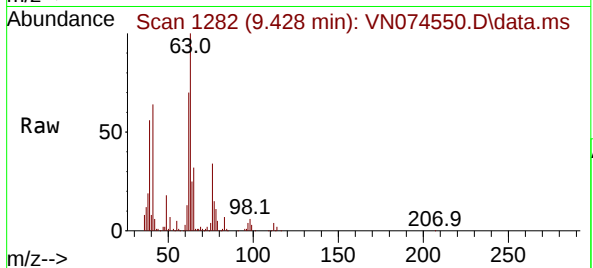
65 31.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#46

Dibromomethane

Concen: 55.323 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

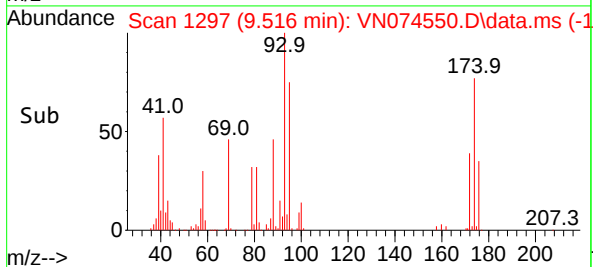
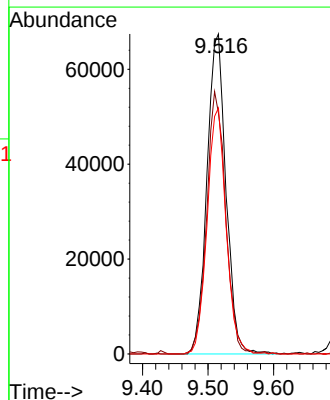
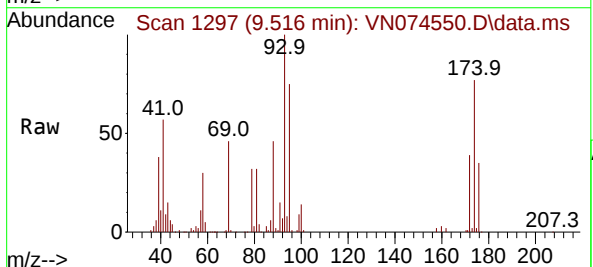
Tgt Ion: 93 Resp: 136278

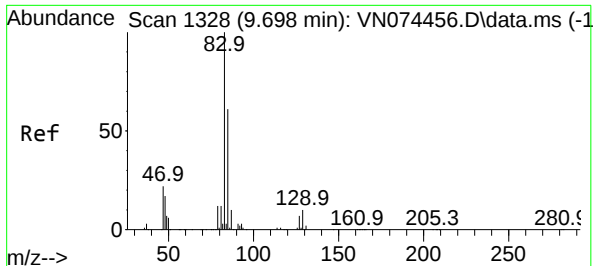
Ion Ratio Lower Upper

93 100

95 81.3 66.9 100.3

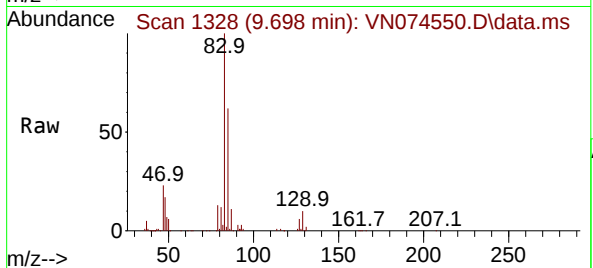
174 76.7 86.6 130.0#





#47
Bromodichloromethane
Concen: 57.855 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

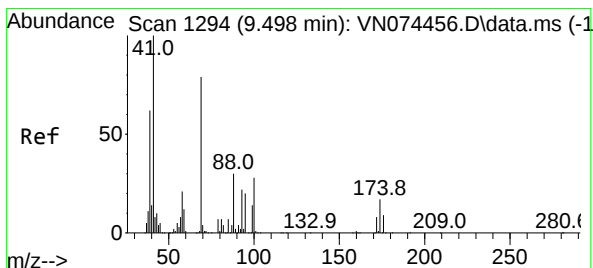
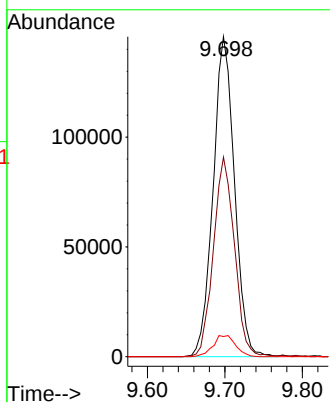
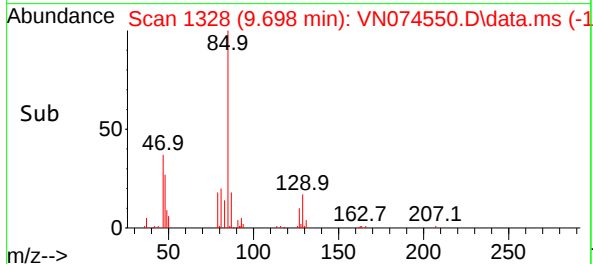
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



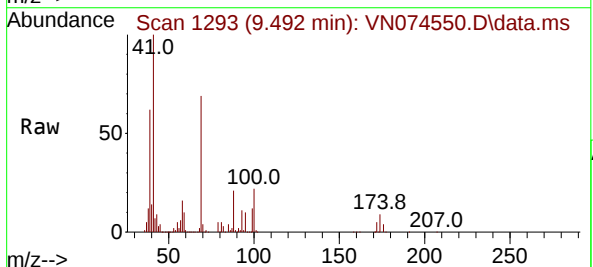
Tgt Ion: 83 Resp: 279409
Ion Ratio Lower Upper
83 100
85 62.3 50.5 75.7
127 6.3 6.8 10.2

Manual Integrations
APPROVED

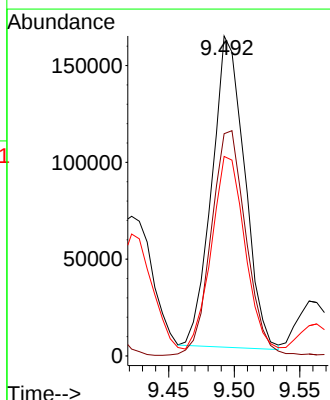
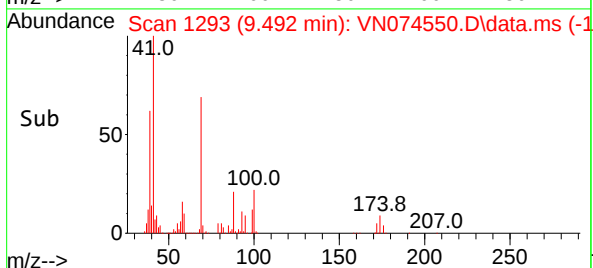
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

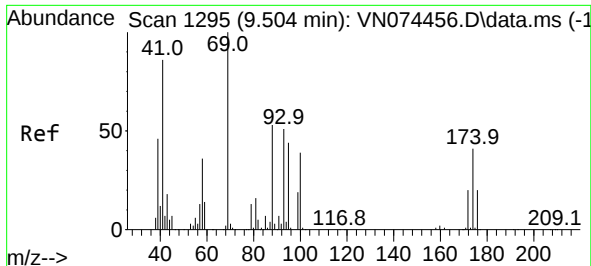


#48
Methyl methacrylate
Concen: 56.188 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



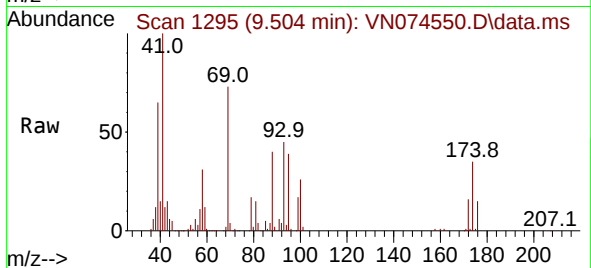
Tgt Ion: 41 Resp: 278928
Ion Ratio Lower Upper
41 100
69 77.1 74.7 112.1
39 67.6 45.6 68.4





#49
1,4-Dioxane
Concen: 1055.723 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

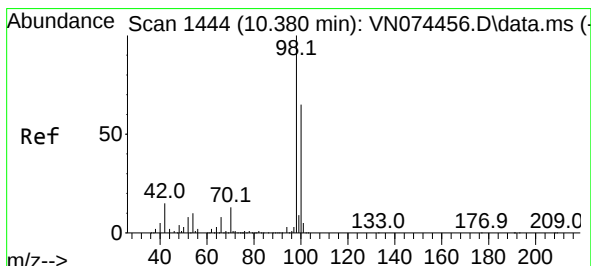
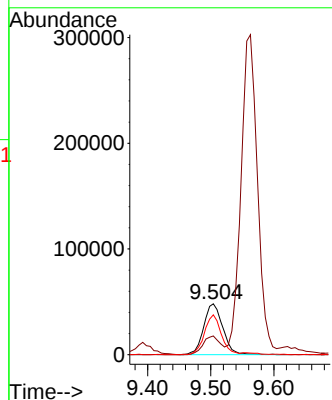
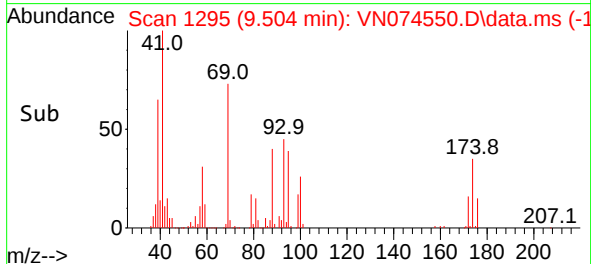
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



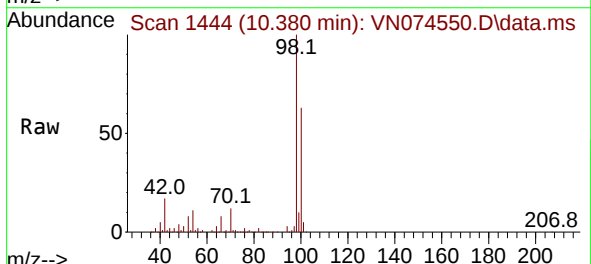
Tgt Ion: 88 Resp: 100758
Ion Ratio Lower Upper
88 100
43 33.7 20.2 30.4
58 69.1 54.2 81.4

Manual Integrations
APPROVED

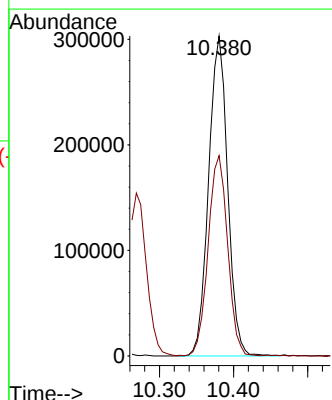
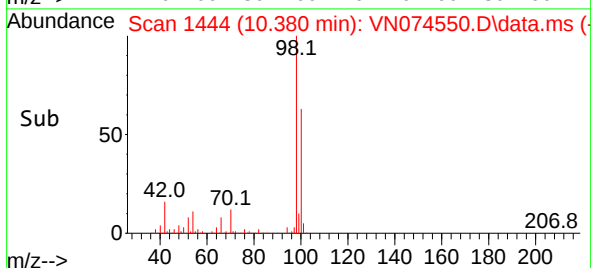
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

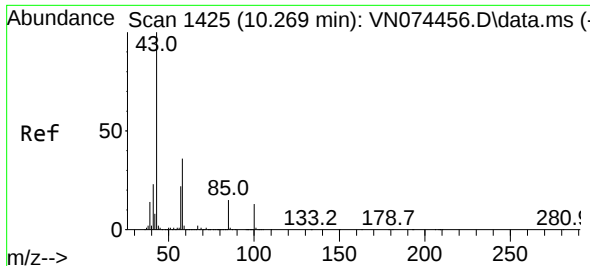


#50
Toluene-d8
Concen: 53.444 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



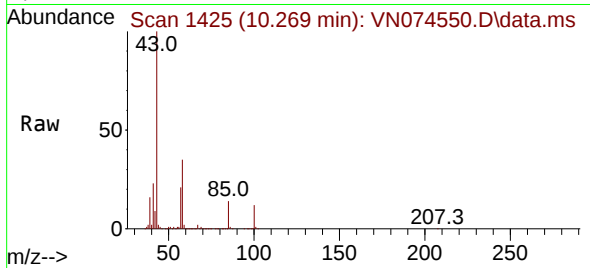
Tgt Ion: 98 Resp: 540428
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 305.203 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

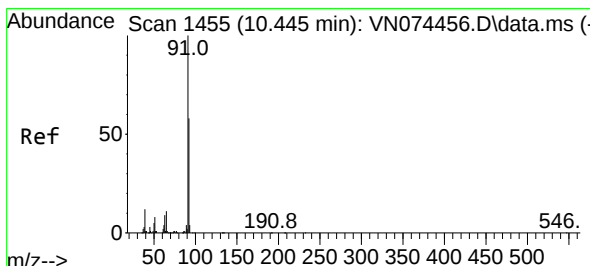
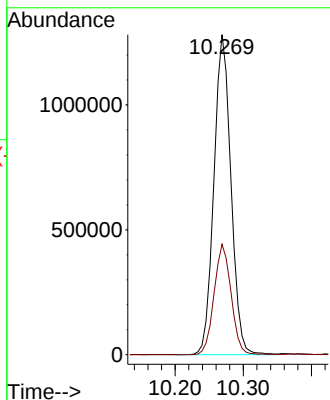
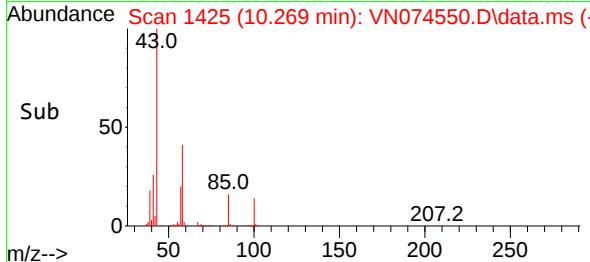
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



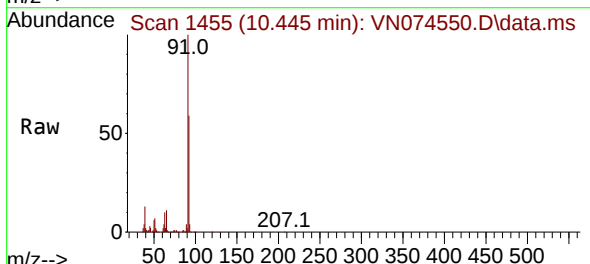
Tgt Ion: 43 Resp: 2231307
Ion Ratio Lower Upper
43 100
58 34.5 34.1 51.1

Manual Integrations
APPROVED

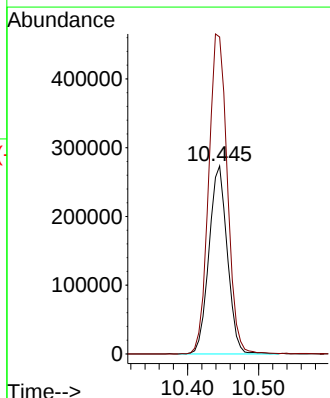
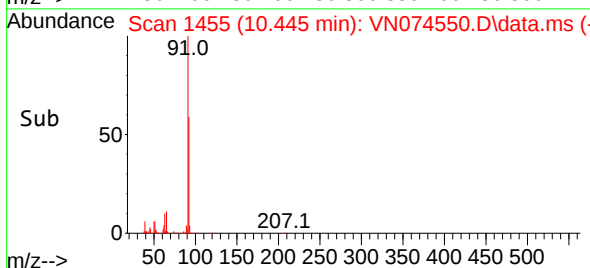
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

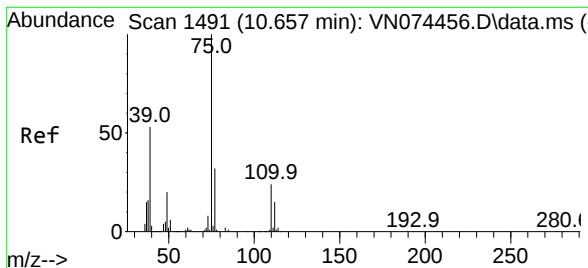


#52
Toluene
Concen: 58.369 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



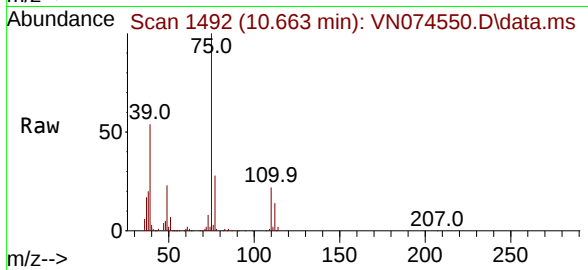
Tgt Ion: 92 Resp: 489844
Ion Ratio Lower Upper
92 100
91 173.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 54.673 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

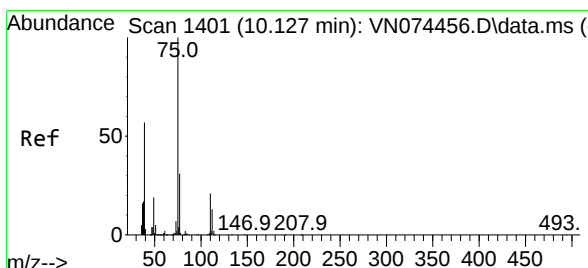
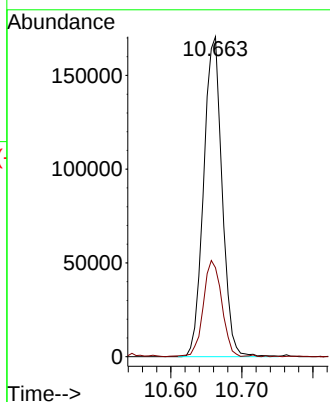
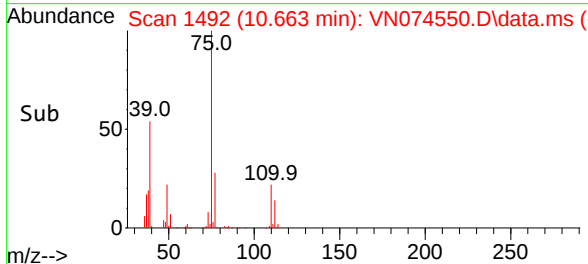
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 30773
Ion Ratio Lower Upper
75 100
77 27.7 25.6 38.4

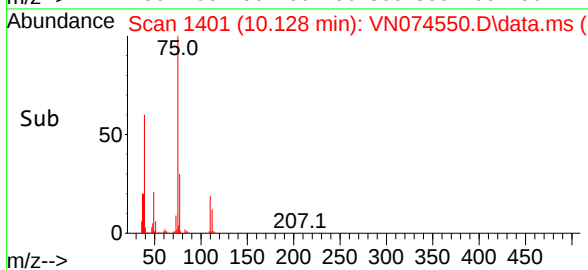
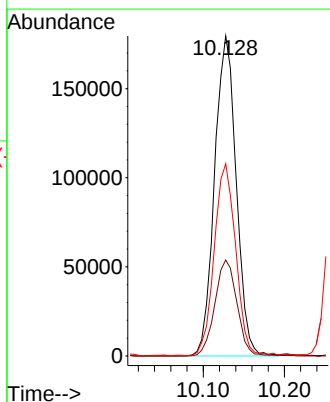
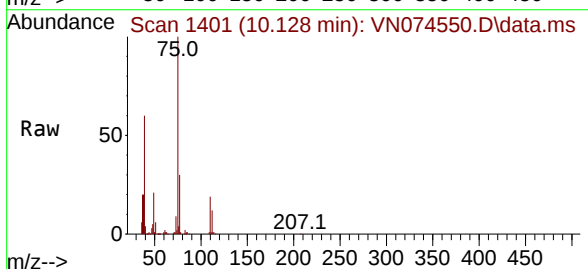
Manual Integrations
APPROVED

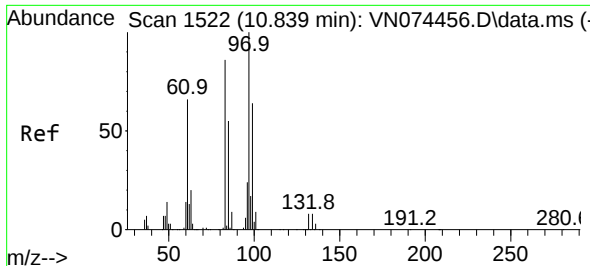
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#54
cis-1,3-Dichloropropene
Concen: 55.293 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.001 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

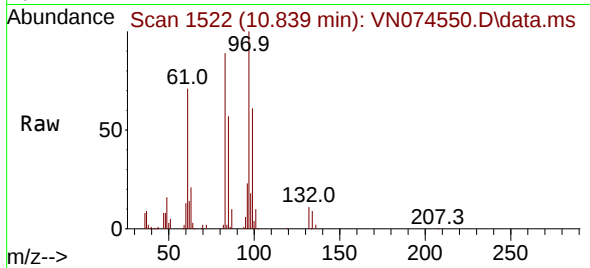
Tgt Ion: 75 Resp: 333055
Ion Ratio Lower Upper
75 100
77 30.0 25.2 37.8
39 59.9 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 54.894 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

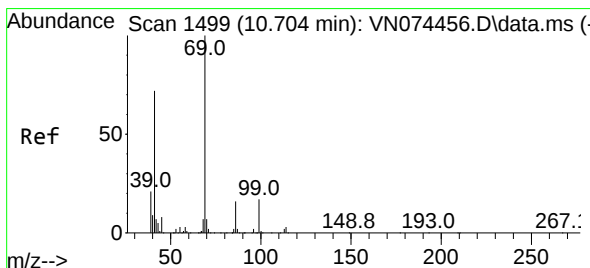
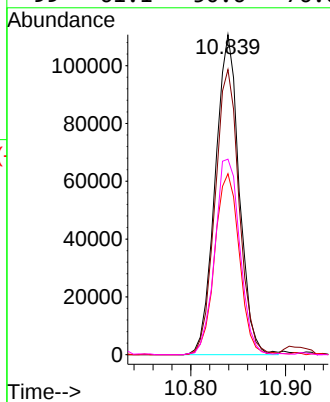
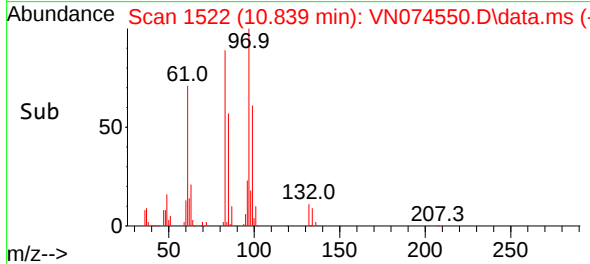
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



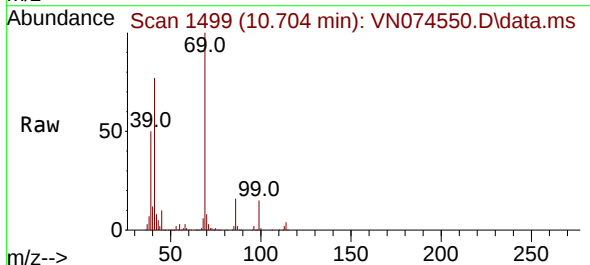
Tgt Ion: 97 Resp: 195136
Ion Ratio Lower Upper
97 100
83 89.1 66.2 99.4
85 56.5 43.9 65.9
99 61.1 50.6 76.0

Manual Integrations
APPROVED

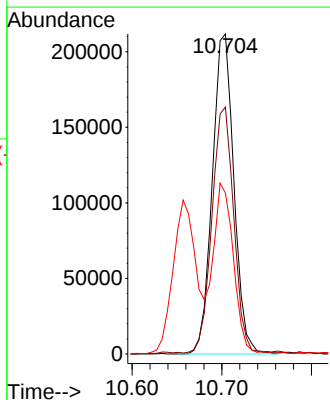
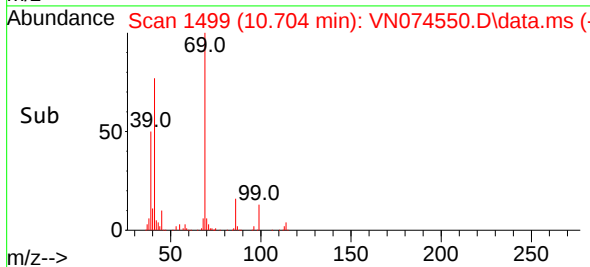
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

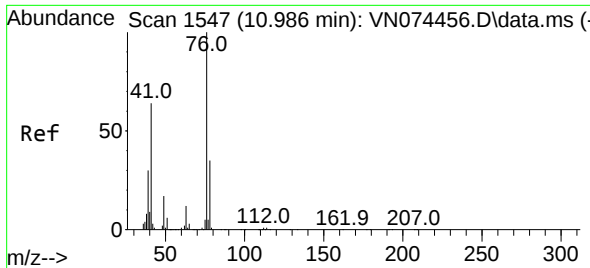


#56
Ethyl methacrylate
Concen: 55.663 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



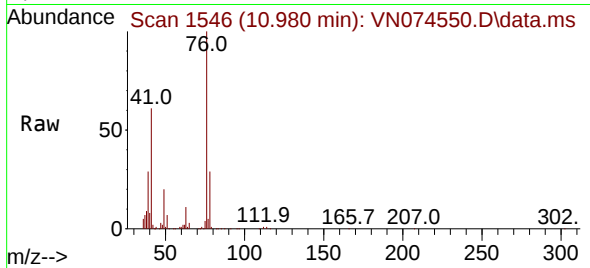
Tgt Ion: 69 Resp: 353446
Ion Ratio Lower Upper
69 100
41 77.4 47.8 71.6#
39 50.2 27.3 40.9#





#57
1,3-Dichloropropane
Concen: 56.497 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. -0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

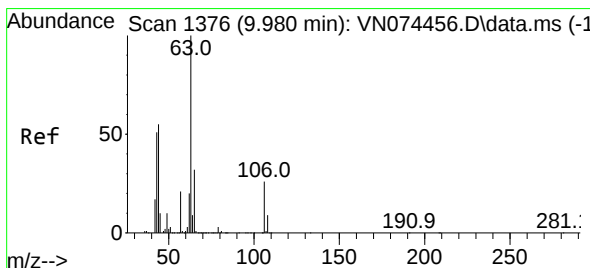
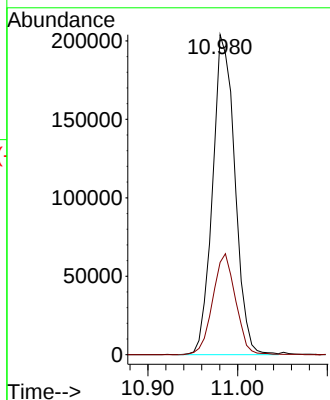
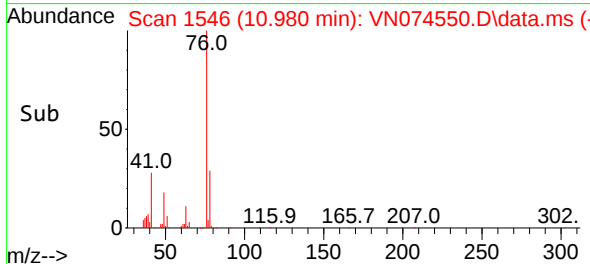
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



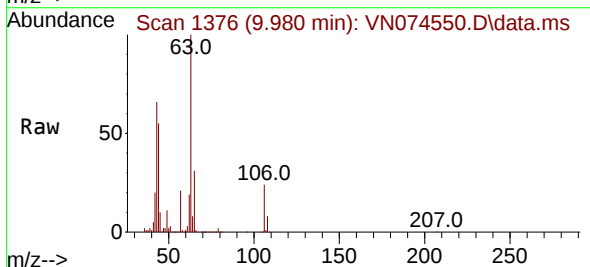
Tgt Ion: 76 Resp: 352120
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.2

Manual Integrations
APPROVED

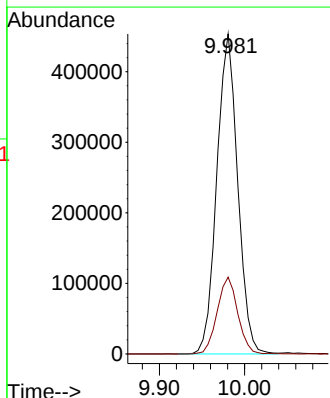
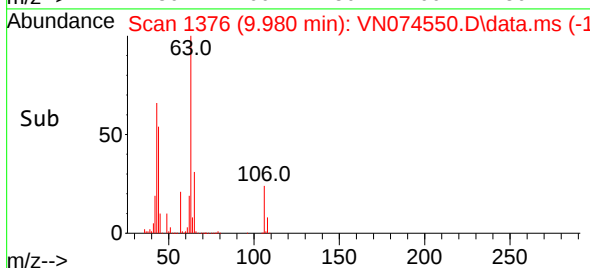
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

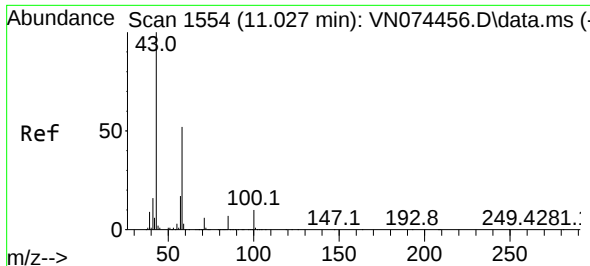


#58
2-Chloroethyl Vinyl ether
Concen: 276.250 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



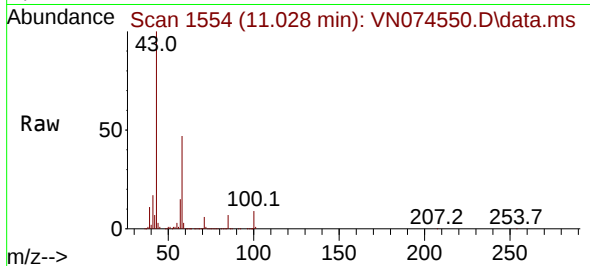
Tgt Ion: 63 Resp: 771981
Ion Ratio Lower Upper
63 100
106 23.7 24.6 36.8





#59
2-Hexanone
Concen: 308.503 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.001 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

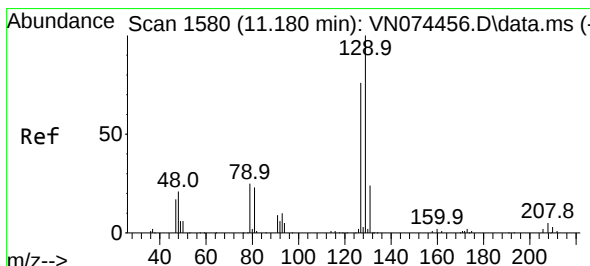
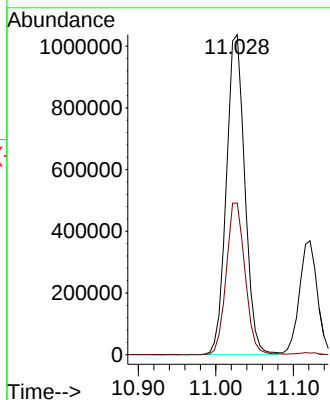
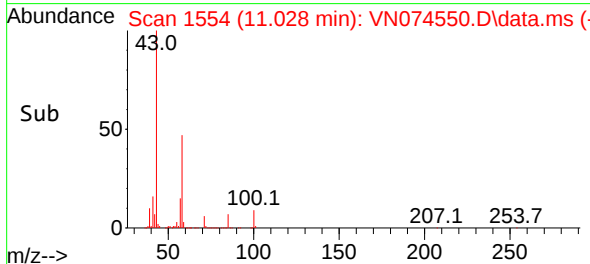
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 172177
Ion Ratio Lower Upper
43 100
58 48.3 29.7 89.1

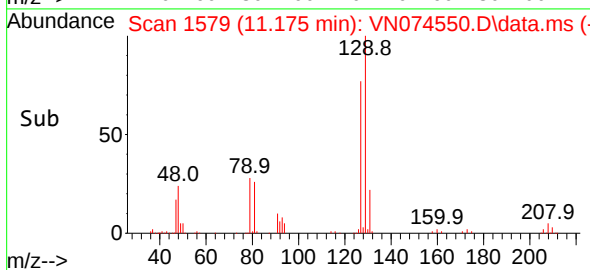
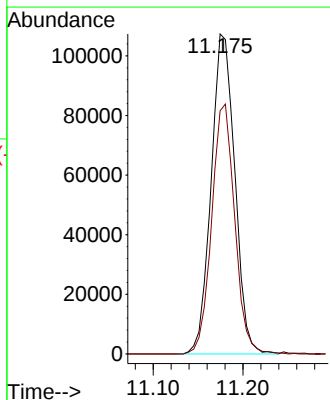
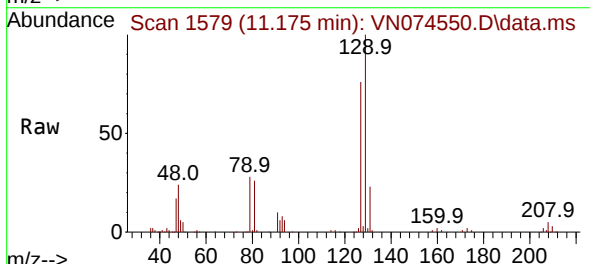
Manual Integrations
APPROVED

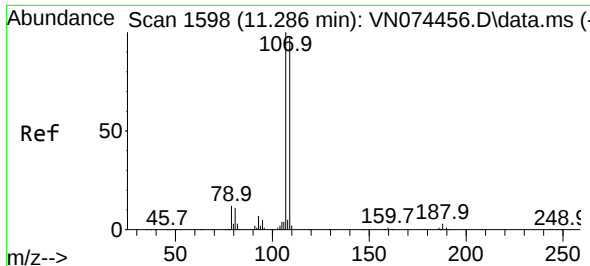
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#60
Dibromochloromethane
Concen: 57.816 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.005 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

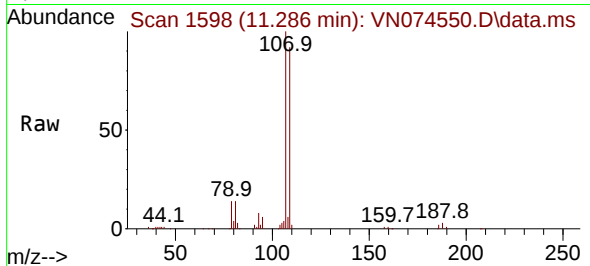
Tgt Ion:129 Resp: 196749
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 57.342 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

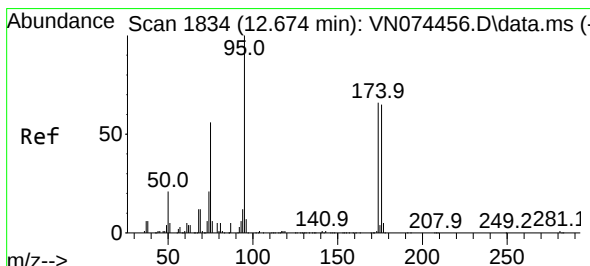
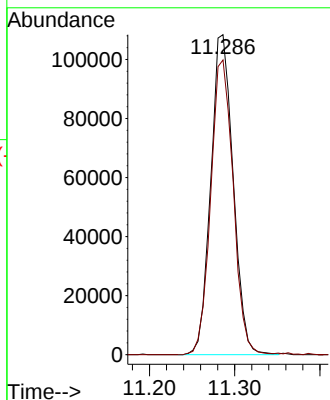
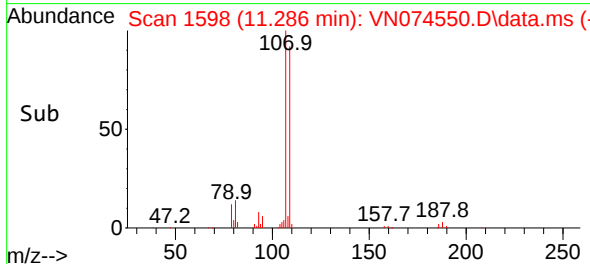
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



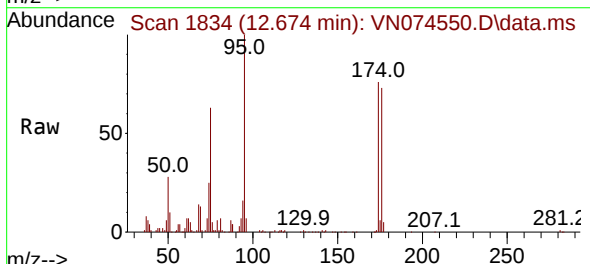
Tgt Ion:107 Resp: 198020
Ion Ratio Lower Upper
107 100
109 92.4 75.0 112.6

Manual Integrations
APPROVED

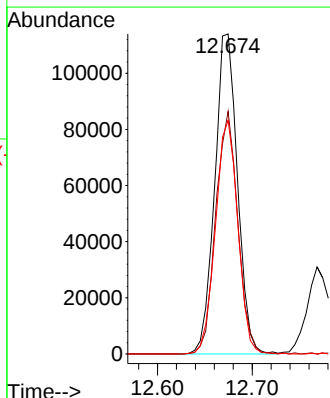
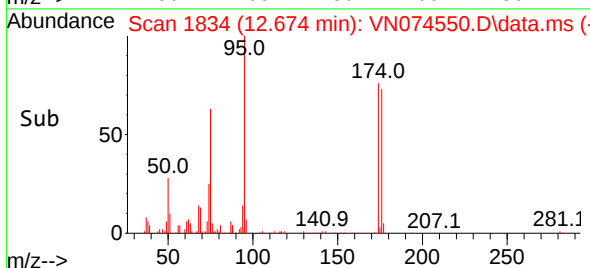
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

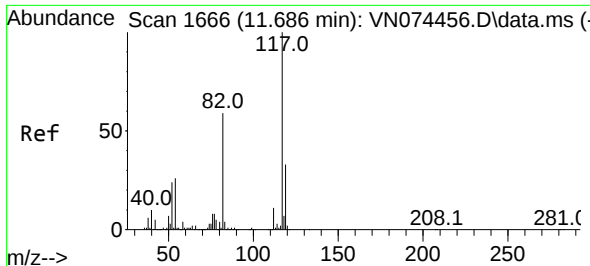


#62
4-Bromofluorobenzene
Concen: 54.895 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



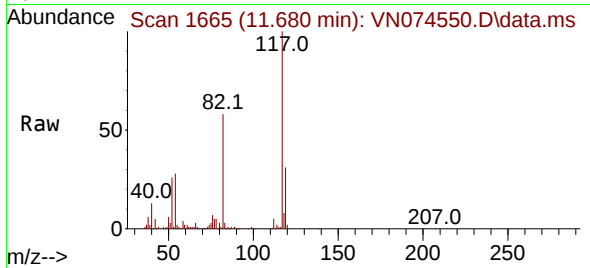
Tgt Ion: 95 Resp: 190117
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 71.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

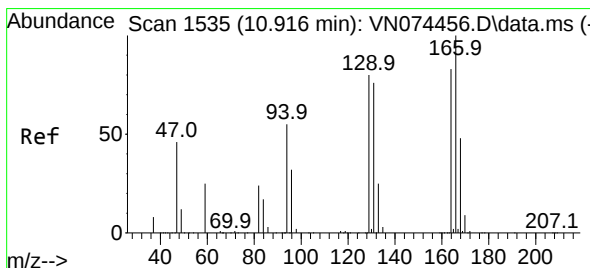
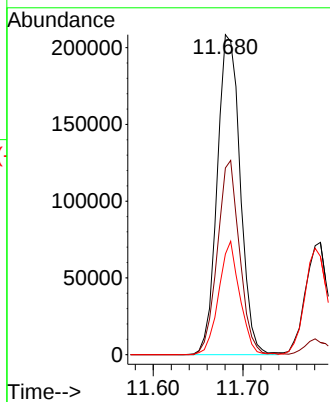
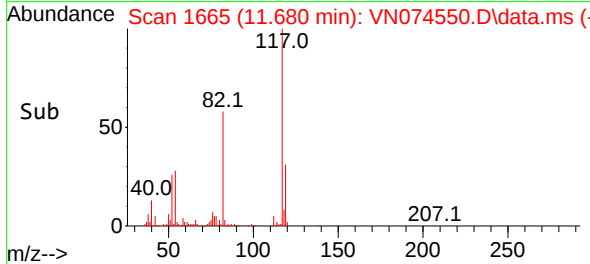
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 37115
Ion Ratio Lower Upper
117 100
82 58.4 44.2 66.2
119 31.4 25.4 38.0

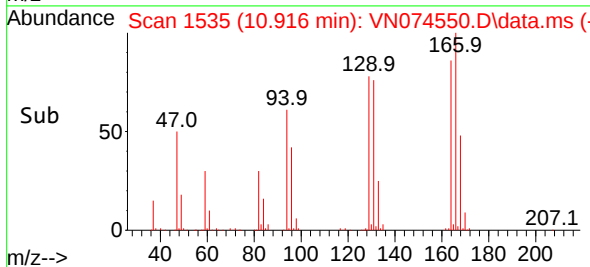
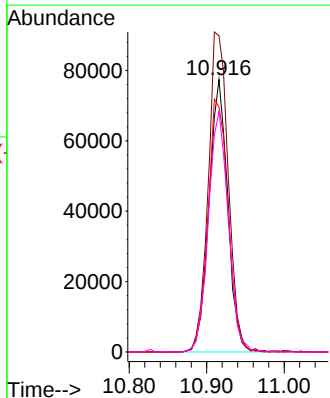
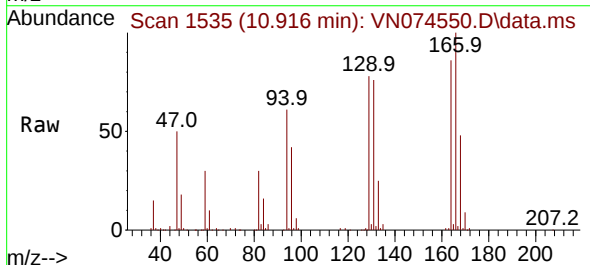
Manual Integrations
APPROVED

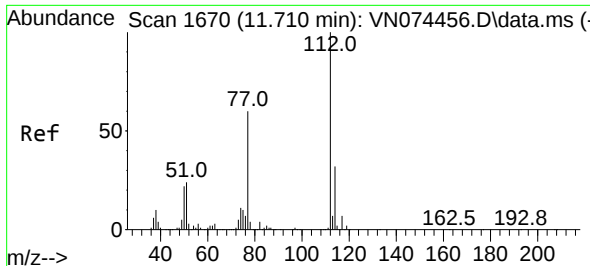
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#64
Tetrachloroethene
Concen: 51.320 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

Tgt Ion:164 Resp: 130720
Ion Ratio Lower Upper
164 100
166 116.2 104.2 156.2
129 90.0 73.9 110.9
131 88.5 69.4 104.2





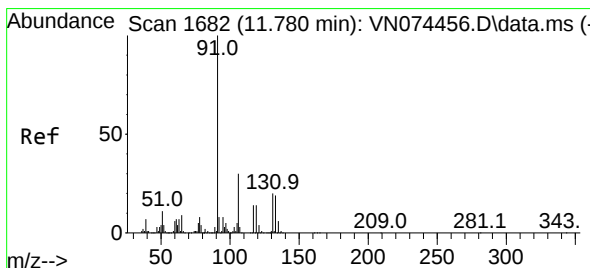
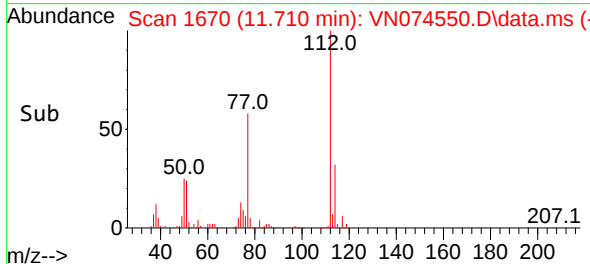
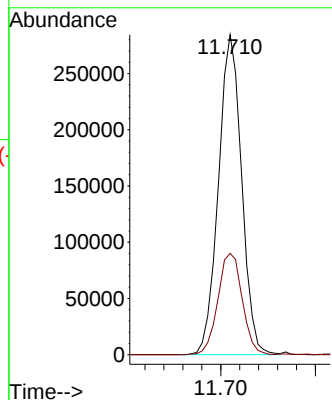
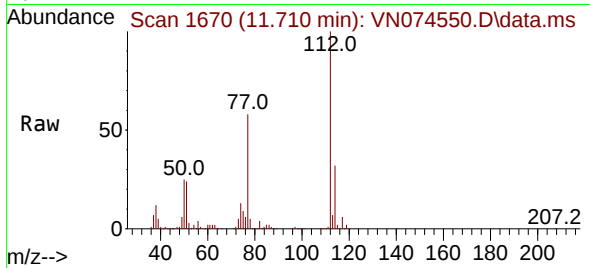
#65
Chlorobenzene
Concen: 51.899 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 483579
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

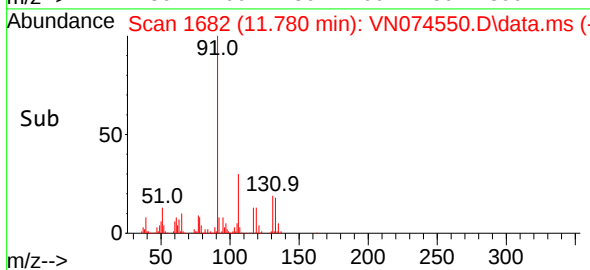
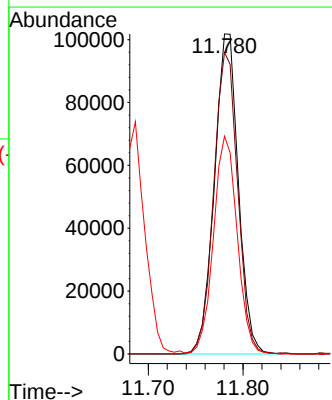
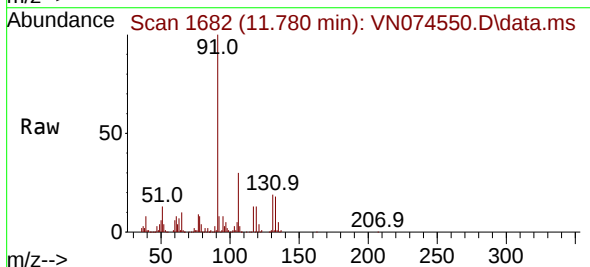
Manual Integrations
APPROVED

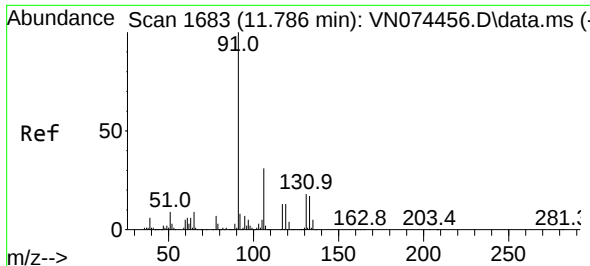
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.890 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

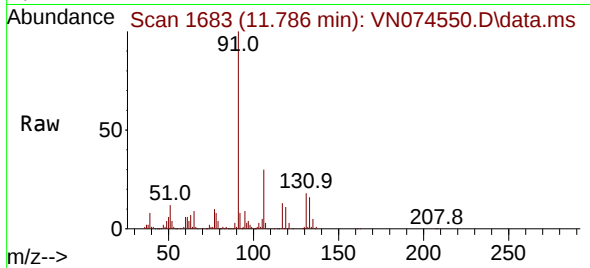
Tgt Ion:131 Resp: 179054
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.4
119 67.3 33.4 100.2





#67
Ethyl Benzene
Concen: 55.207 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

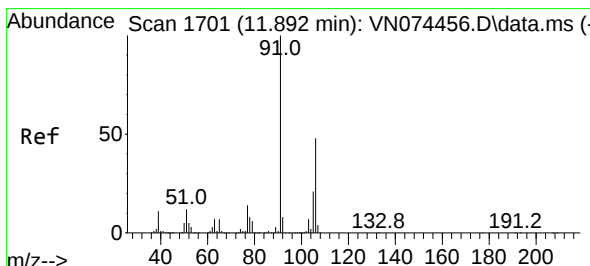
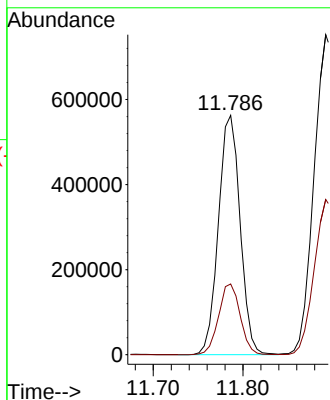
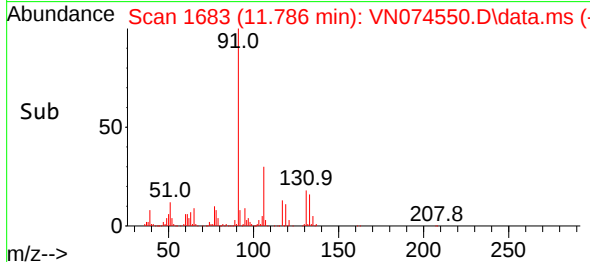
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



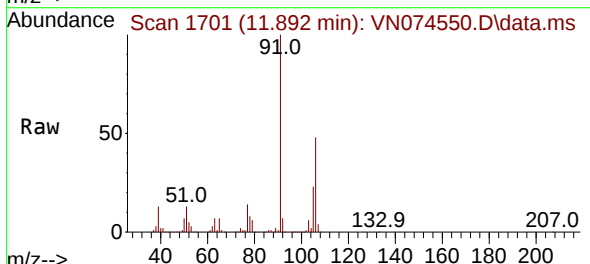
Tgt Ion: 91 Resp: 944434
Ion Ratio Lower Upper
91 100
106 29.6 24.9 37.3

Manual Integrations
APPROVED

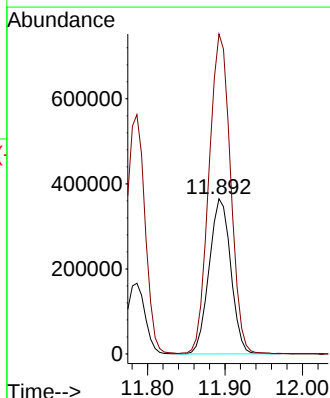
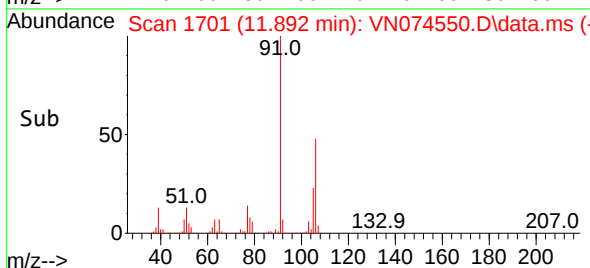
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

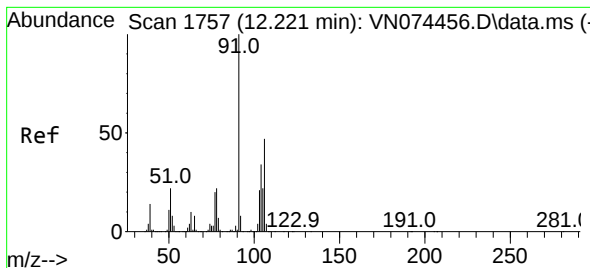


#68
m/p-Xylenes
Concen: 111.963 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



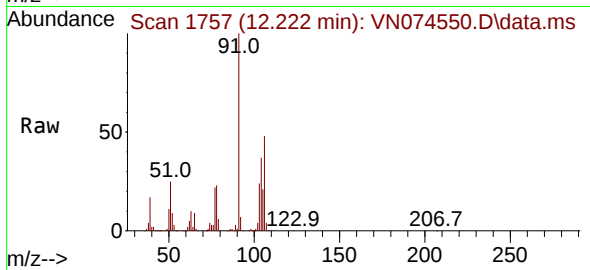
Tgt Ion:106 Resp: 708168
Ion Ratio Lower Upper
106 100
91 206.3 158.9 238.3





#69
o-Xylene
Concen: 55.810 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

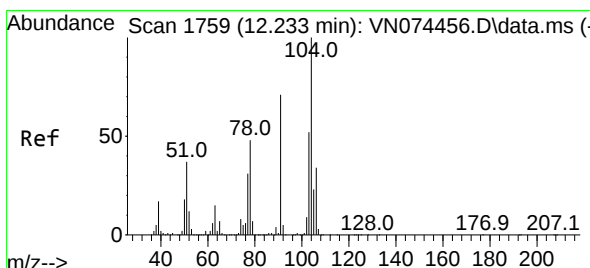
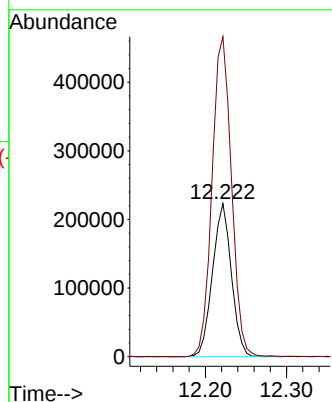
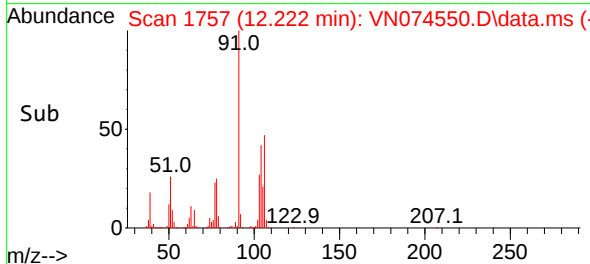
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 359917
Ion Ratio Lower Upper
106 100
91 215.2 106.0 318.0

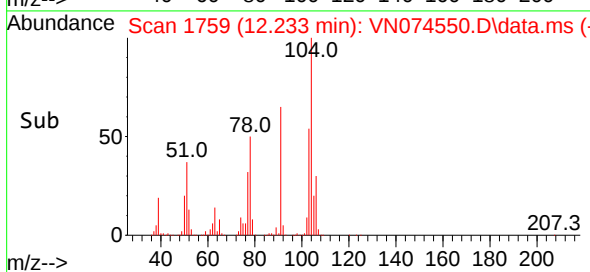
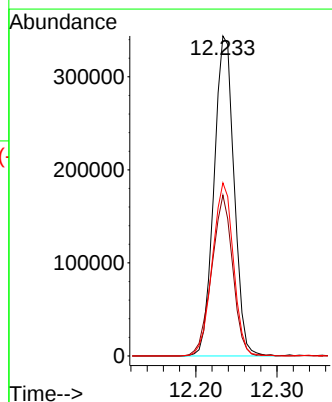
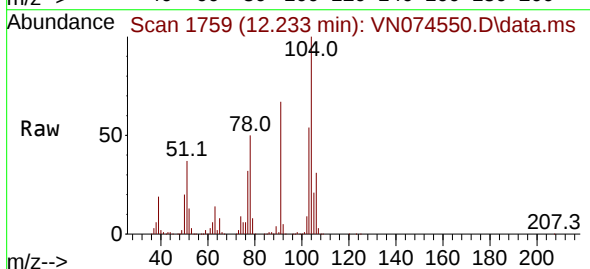
Manual Integrations
APPROVED

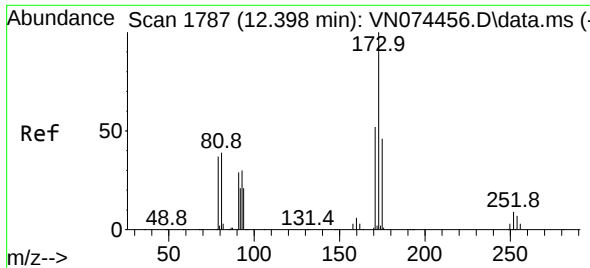
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#70
Styrene
Concen: 55.120 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

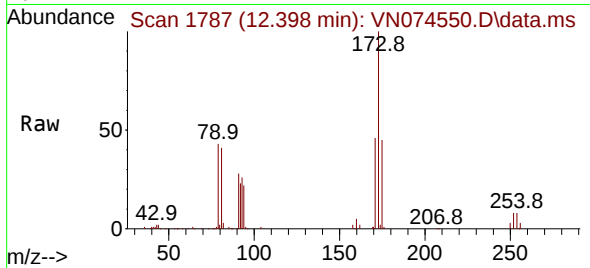
Tgt Ion:104 Resp: 591296
Ion Ratio Lower Upper
104 100
78 52.6 39.5 59.3
103 56.8 44.0 66.0





#71
Bromoform
Concen: 54.425 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

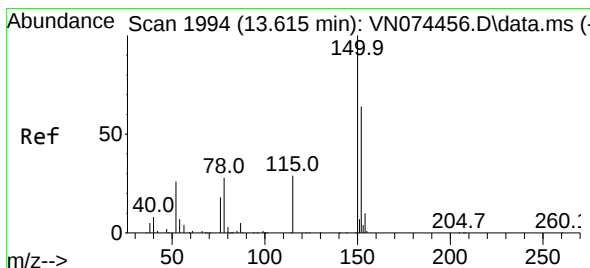
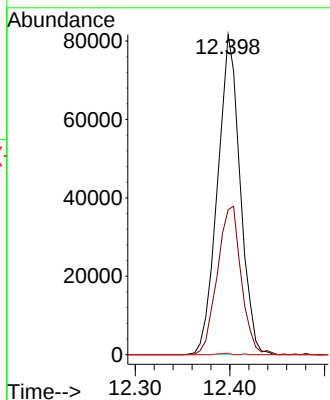
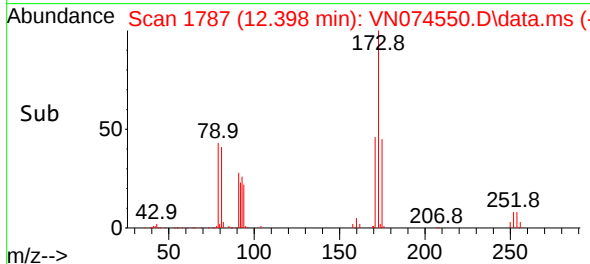
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



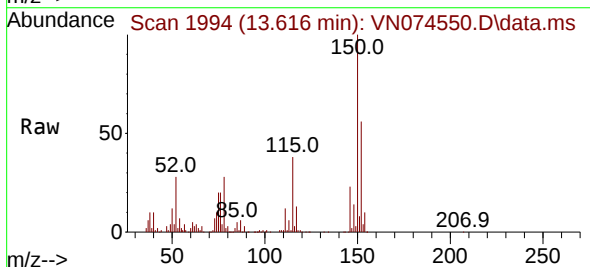
Tgt Ion:173 Resp: 135419
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.6
254 0.2 0.1 0.1

Manual Integrations
APPROVED

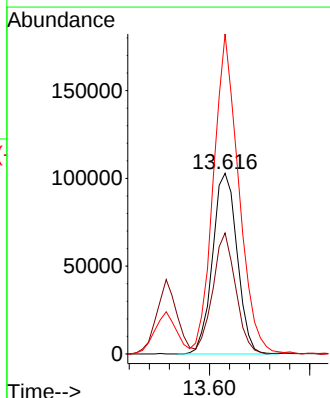
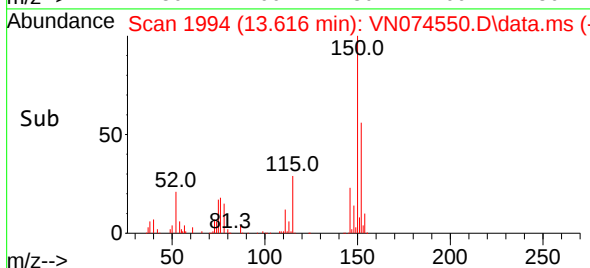
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

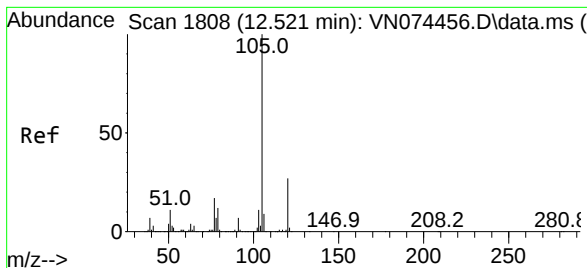


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



Tgt Ion:152 Resp: 175070
Ion Ratio Lower Upper
152 100
115 62.4 28.9 86.7
150 182.9 0.0 356.2





#73

Isopropylbenzene

Concen: 50.986 ug/l

RT: 12.522 min Scan# 1808

Delta R.T. 0.001 min

Lab File: VN074550.D

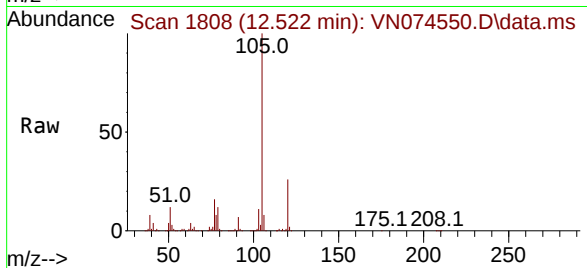
Acq: 17 Sep 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:105 Resp: 91397

Ion Ratio Lower Upper

105 100

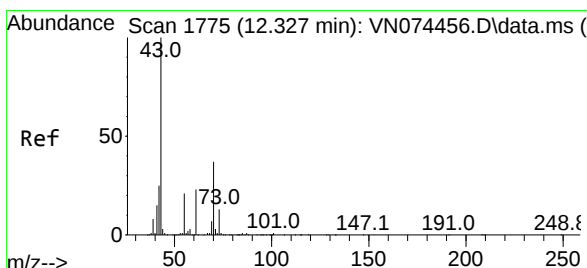
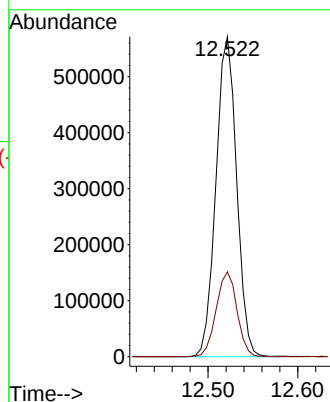
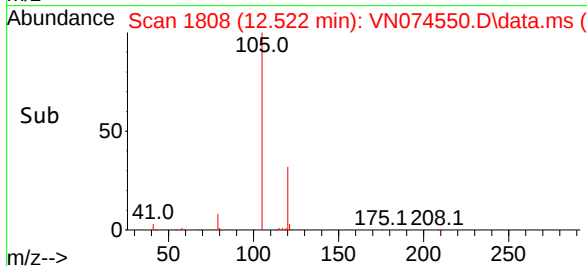
120 26.6 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#74

N-ethyl acetate

Concen: 52.438 ug/l

RT: 12.333 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

Tgt Ion: 43 Resp: 587727

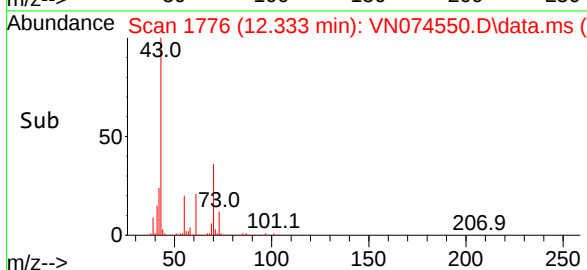
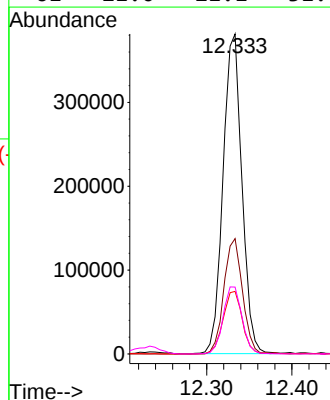
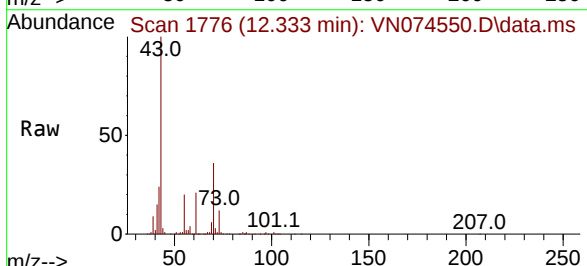
Ion Ratio Lower Upper

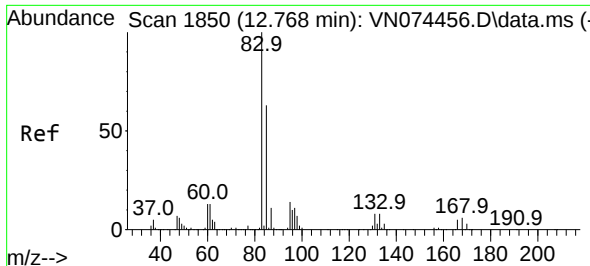
43 100

70 35.7 39.0 58.4#

55 20.1 21.1 31.7#

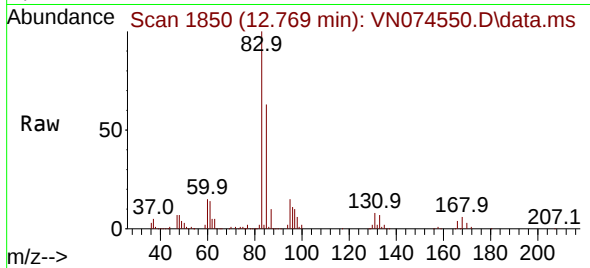
61 21.0 21.1 31.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 48.637 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.001 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

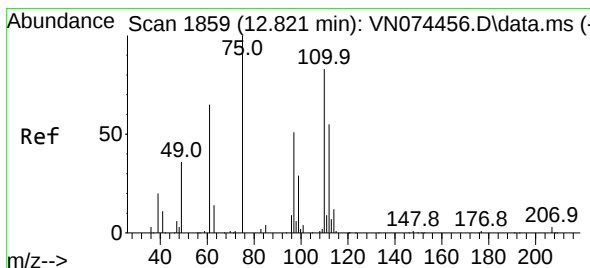
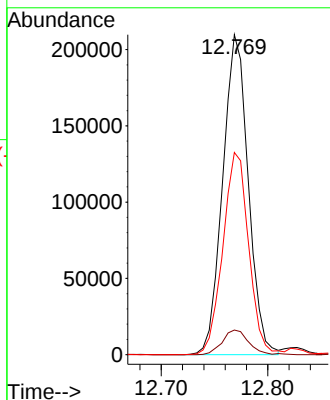
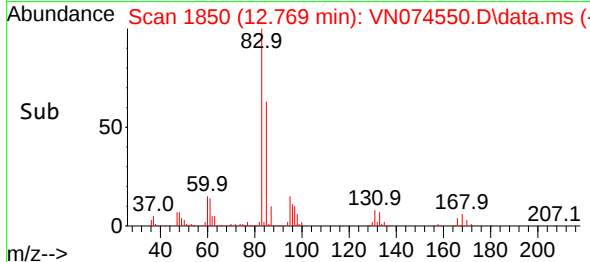
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



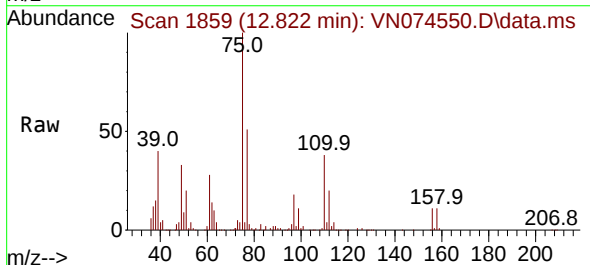
Tgt Ion: 83 Resp: 349390
Ion Ratio Lower Upper
83 100
131 8.0 5.3 15.9
85 63.9 32.3 96.9

Manual Integrations
APPROVED

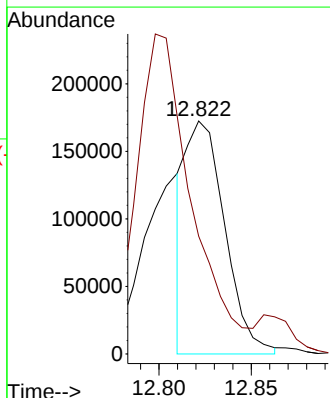
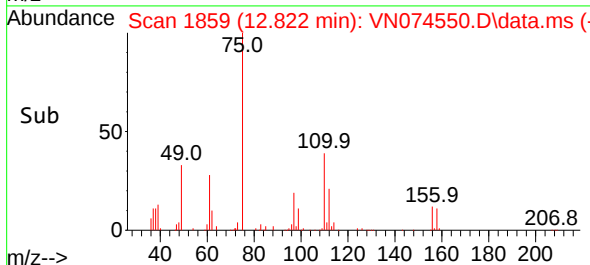
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

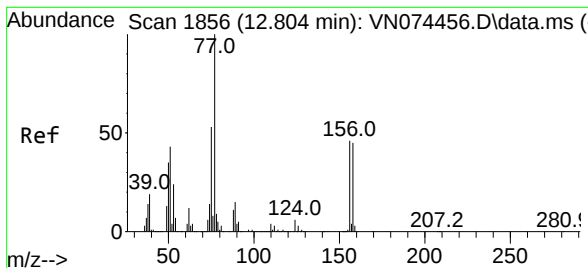


#76
1,2,3-Trichloropropane
Concen: 47.422 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.001 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



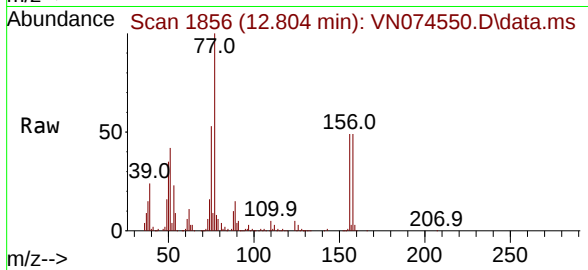
Tgt Ion: 75 Resp: 255548
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 50.475 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

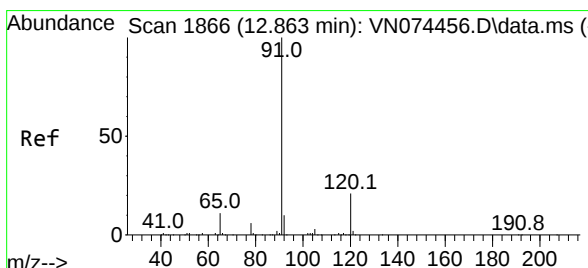
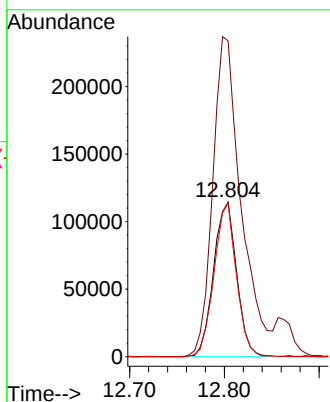
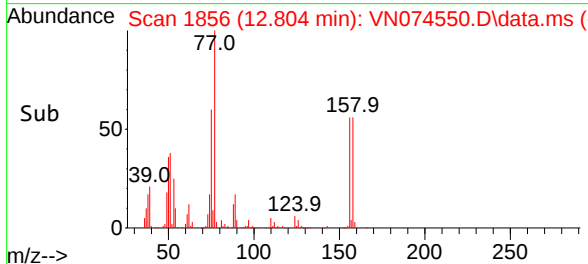
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



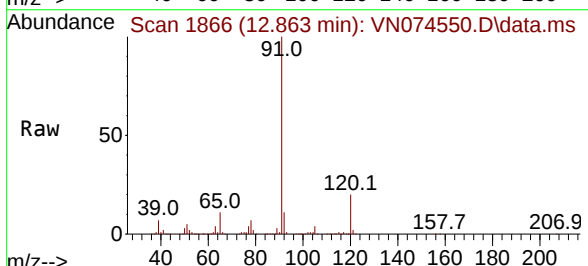
Tgt Ion:156 Resp: 19328
Ion Ratio Lower Upper
156 100
77 255.2 100.5 301.5
158 96.3 48.9 146.6

Manual Integrations
APPROVED

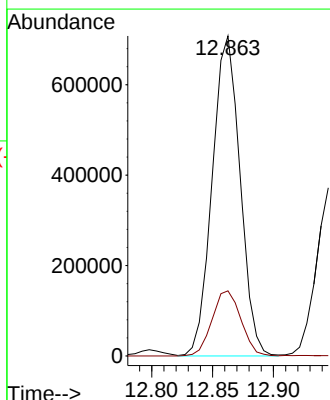
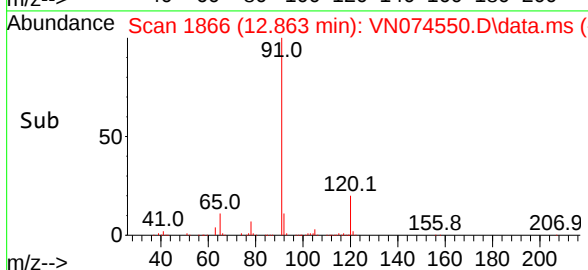
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

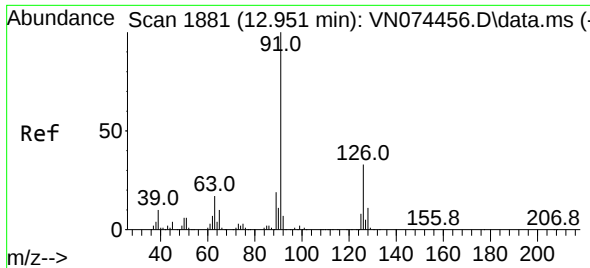


#78
n-propylbenzene
Concen: 52.785 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



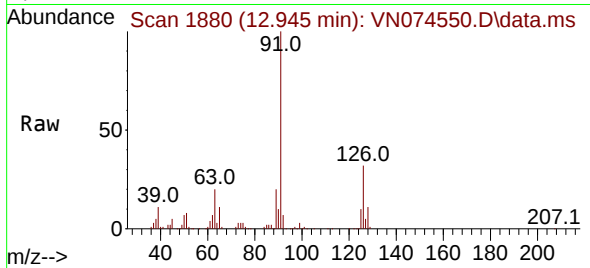
Tgt Ion: 91 Resp: 1126965
Ion Ratio Lower Upper
91 100
120 21.1 11.9 35.5





#79
2-Chlorotoluene
Concen: 50.202 ug/l
RT: 12.945 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

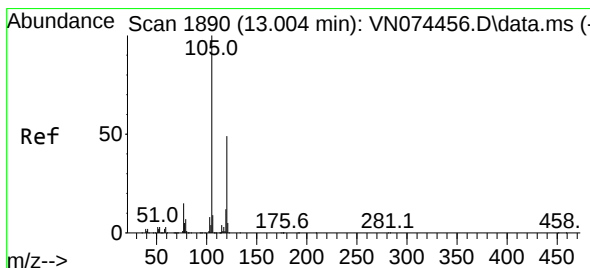
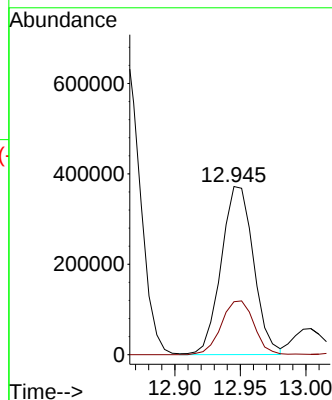
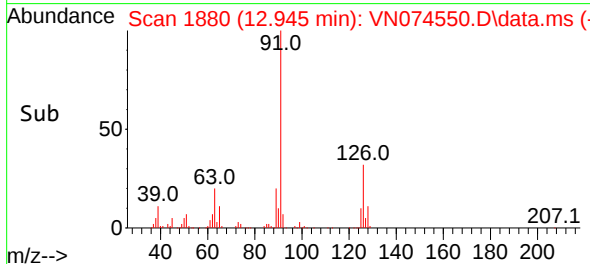
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 639828
Ion Ratio Lower Upper
91 100
126 32.4 17.3 51.9

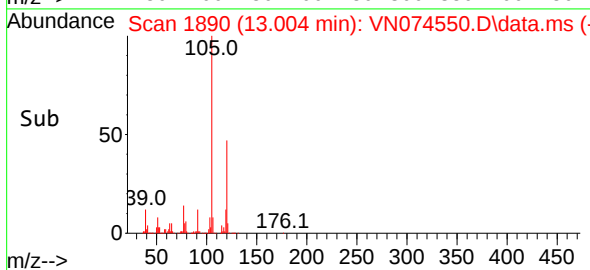
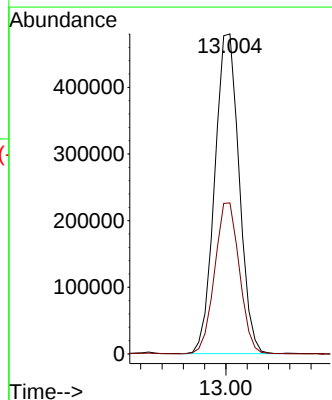
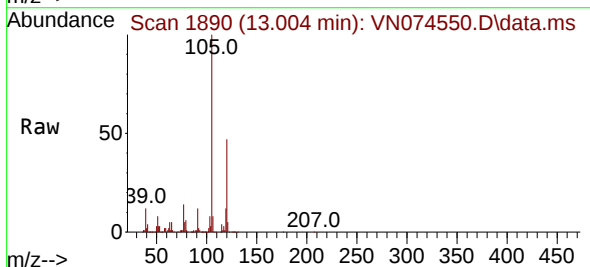
Manual Integrations
APPROVED

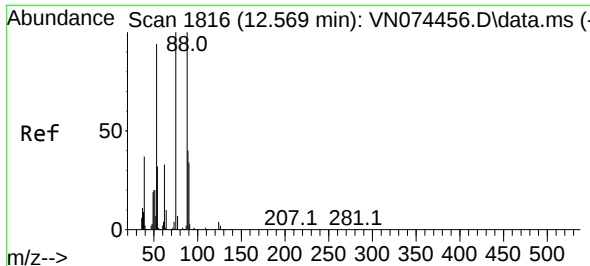
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.217 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

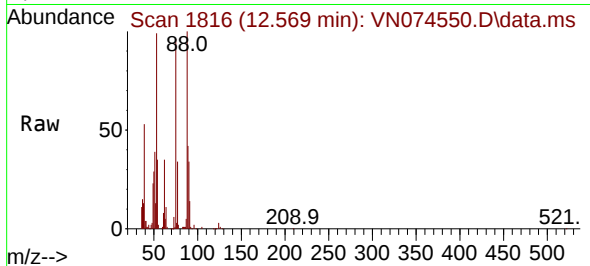
Tgt Ion:105 Resp: 763027
Ion Ratio Lower Upper
105 100
120 48.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 47.516 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

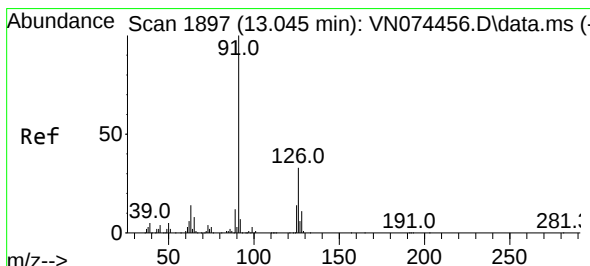
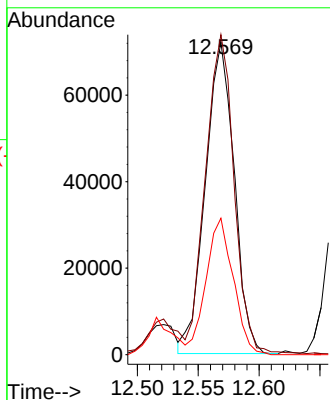
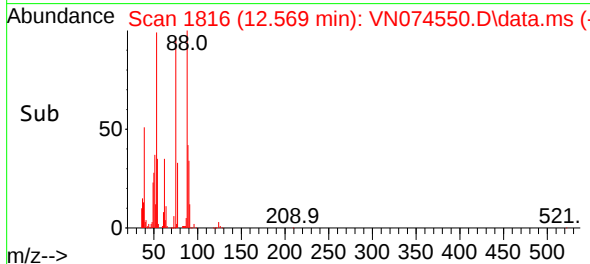
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 118635
Ion Ratio Lower Upper
75 100
53 102.3 78.0 117.0
89 41.6 37.2 55.8

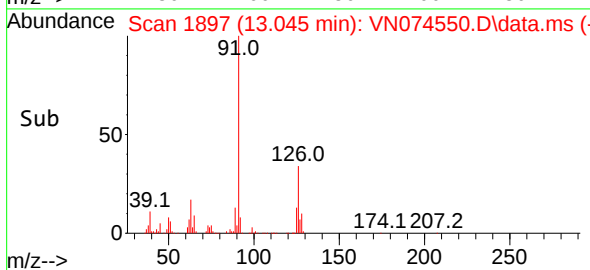
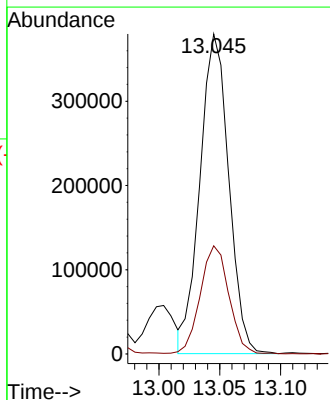
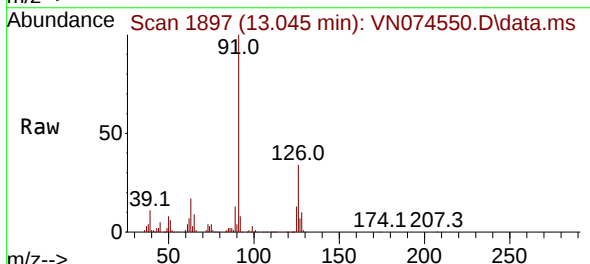
Manual Integrations
APPROVED

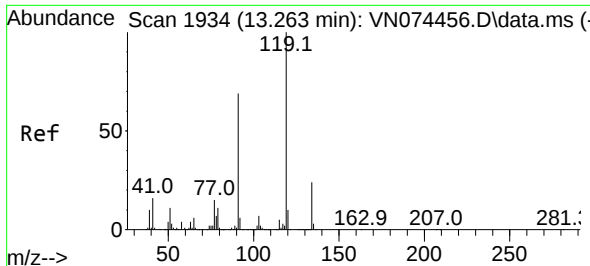
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#82
4-Chlorotoluene
Concen: 51.593 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

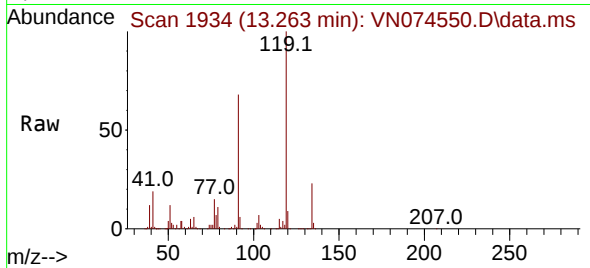
Tgt Ion: 91 Resp: 625021
Ion Ratio Lower Upper
91 100
126 33.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.760 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

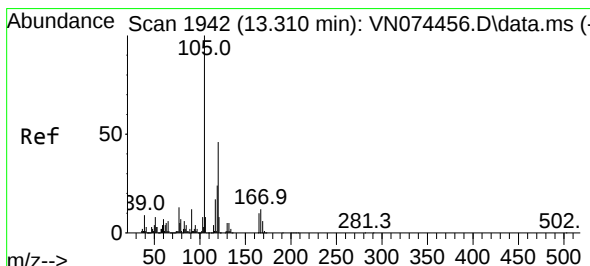
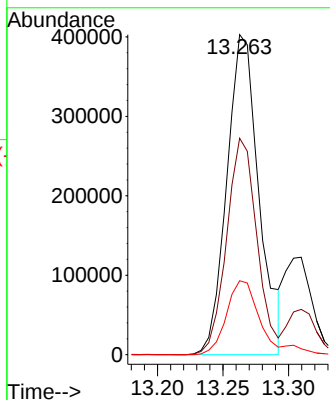
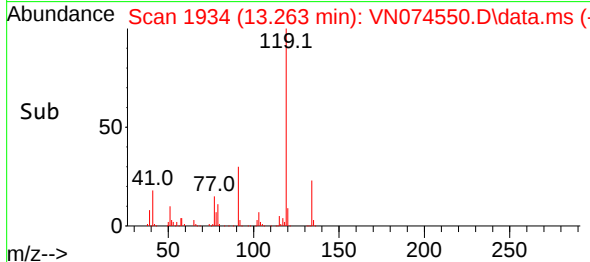
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



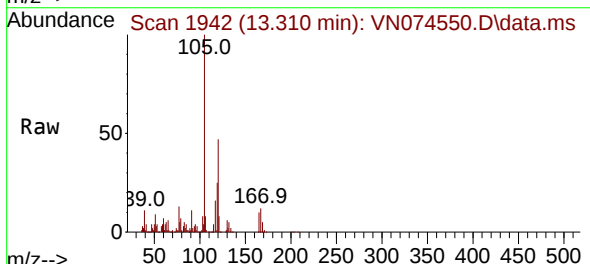
Tgt Ion:119 Resp: 68836
Ion Ratio Lower Upper
119 100
91 63.7 31.6 94.8
134 24.7 13.7 41.1

Manual Integrations
APPROVED

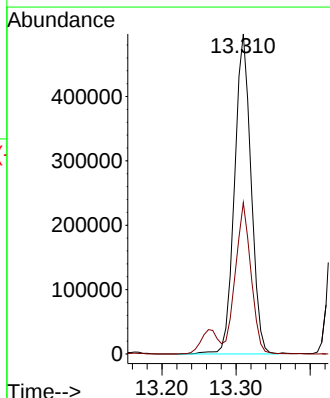
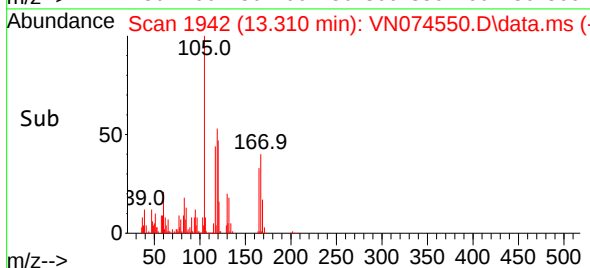
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

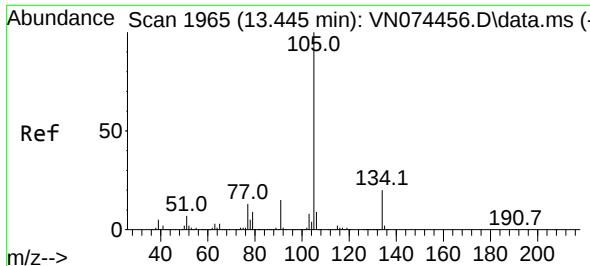


#84
1,2,4-Trimethylbenzene
Concen: 52.208 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



Tgt Ion:105 Resp: 767743
Ion Ratio Lower Upper
105 100
120 44.7 23.3 69.8





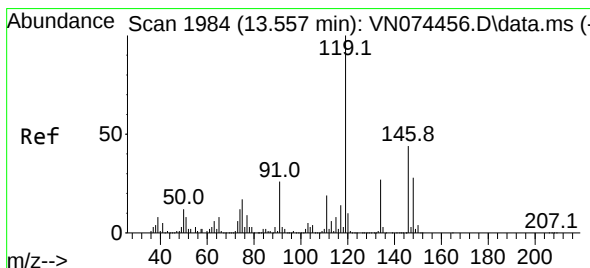
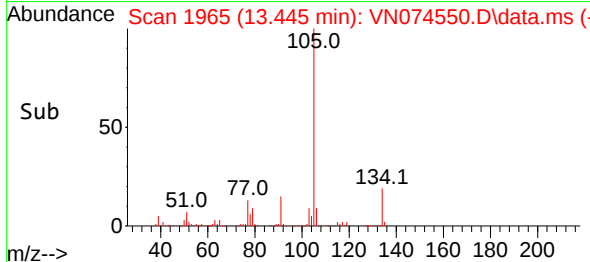
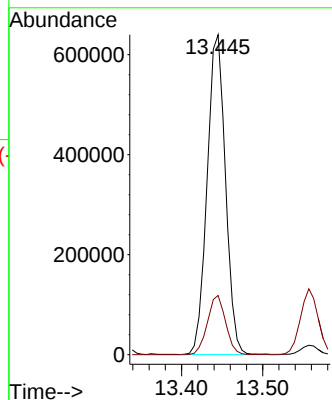
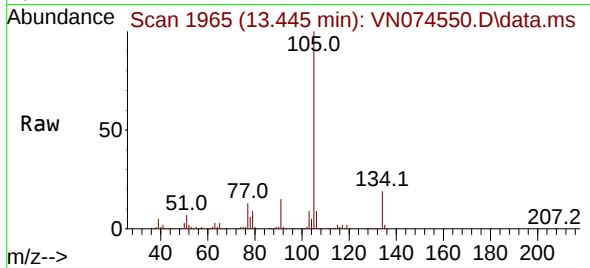
#85
 sec-Butylbenzene
 Concen: 54.880 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VN074550.D
 Acq: 17 Sep 2022 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1002138
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.4 31.1

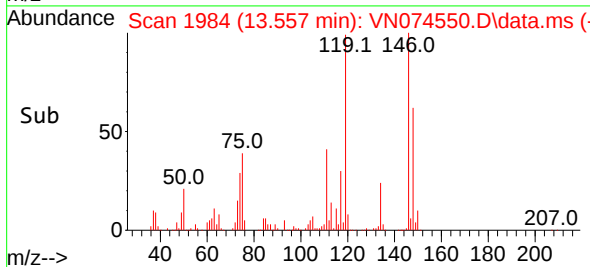
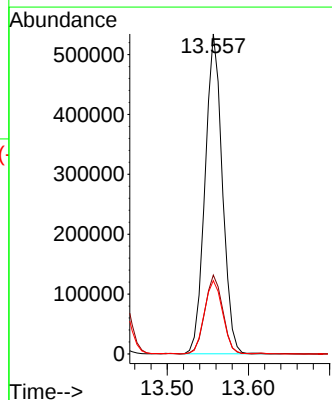
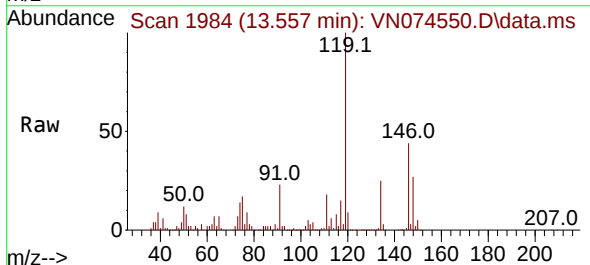
Manual Integrations
 APPROVED

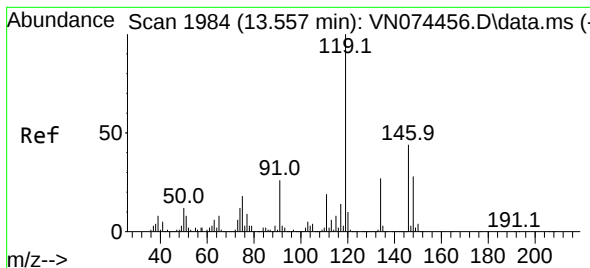
Reviewed By :John Carlone 09/19/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#86
 p-Isopropyltoluene
 Concen: 55.416 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074550.D
 Acq: 17 Sep 2022 12:40

Tgt Ion:119 Resp: 788895
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.3 39.8
 91 24.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 52.812 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

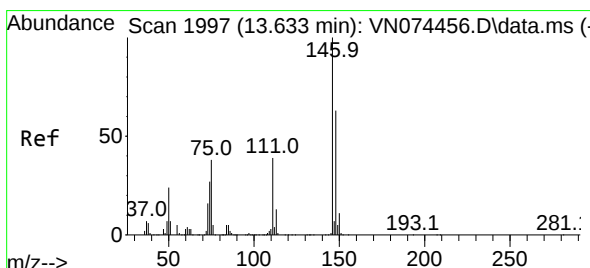
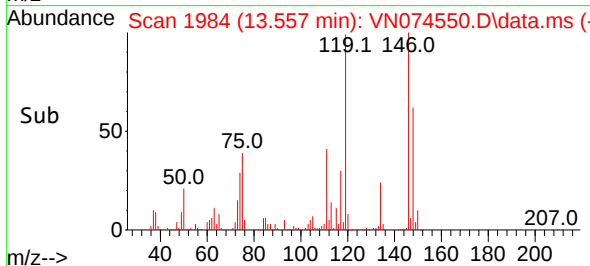
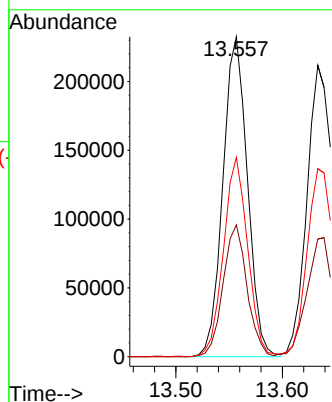
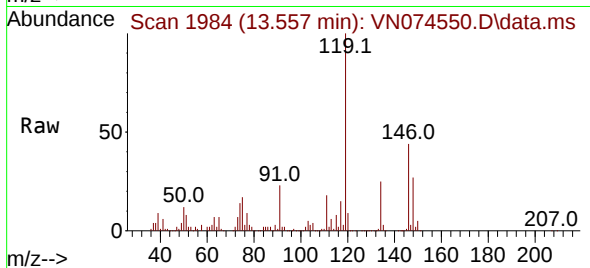
Tgt Ion:146 Resp: 371620
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 60.0
 148 61.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#88

1,4-Dichlorobenzene

Concen: 50.148 ug/l

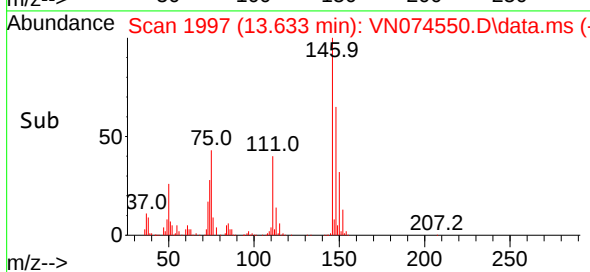
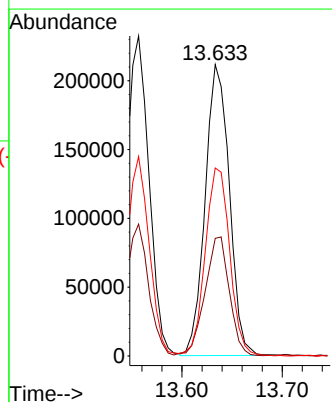
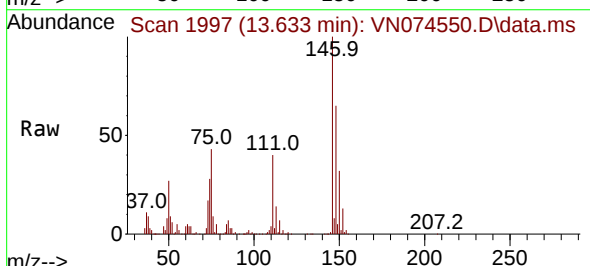
RT: 13.633 min Scan# 1997

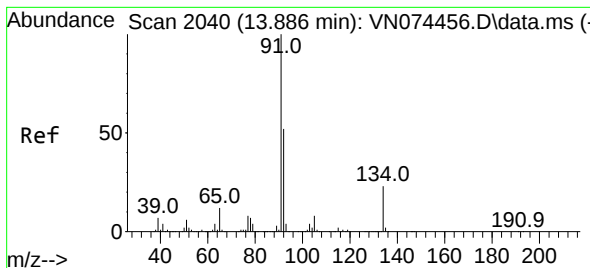
Delta R.T. 0.000 min

Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

Tgt Ion:146 Resp: 354655
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.1 57.1
 148 65.7 31.4 94.3





#89

n-Butylbenzene

Concen: 55.592 ug/l

RT: 13.886 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

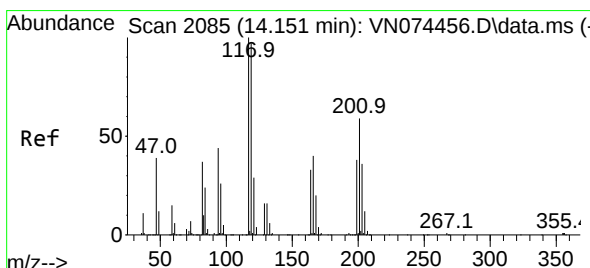
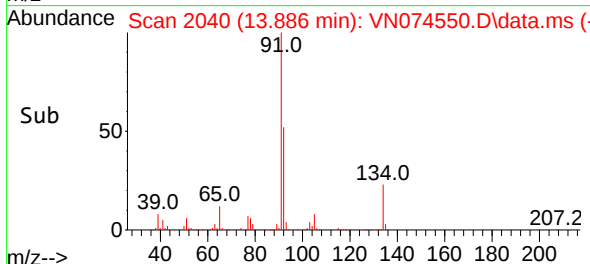
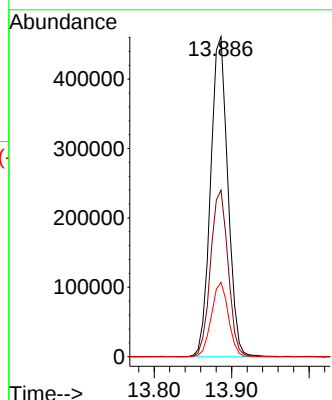
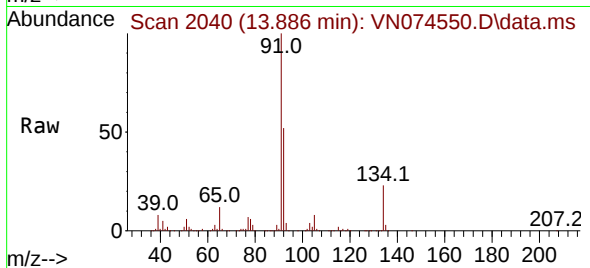
Tgt Ion:	91	Resp:	713324
Ion Ratio	Lower	Upper	
91	100		
92	52.8	26.9	80.7
134	22.9	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#90

Hexachloroethane

Concen: 48.512 ug/l

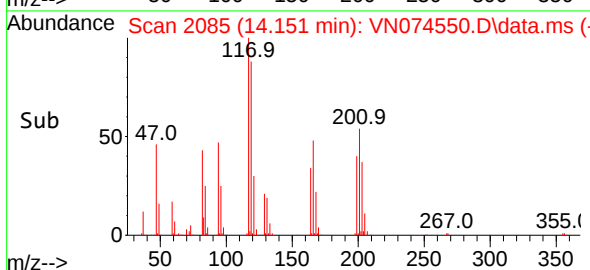
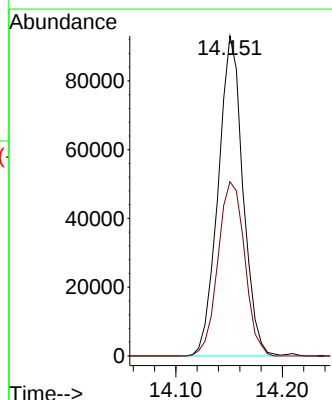
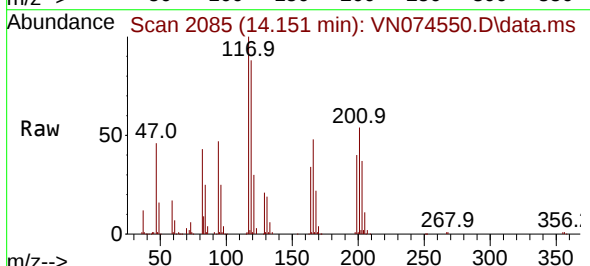
RT: 14.151 min Scan# 2085

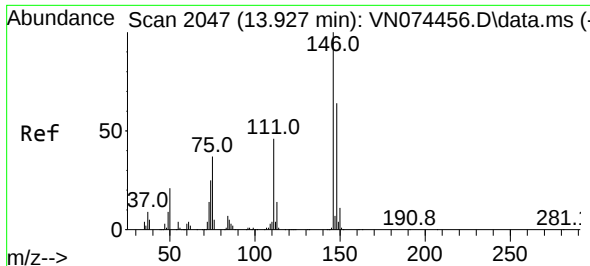
Delta R.T. -0.000 min

Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

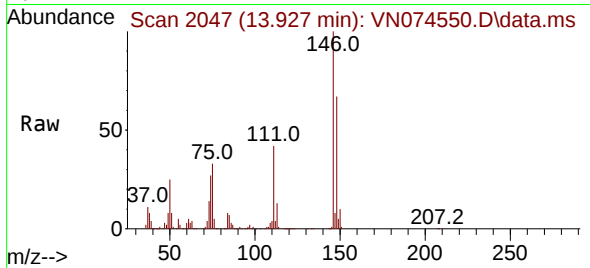
Tgt Ion:	117	Resp:	150263
Ion Ratio	Lower	Upper	
117	100		
201	58.8	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 50.228 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

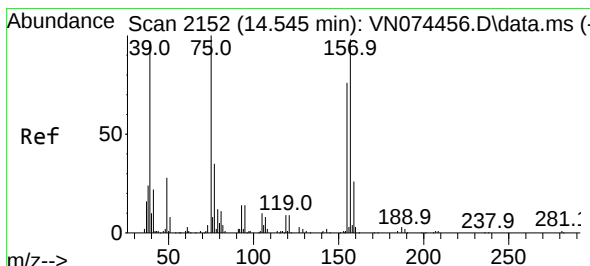
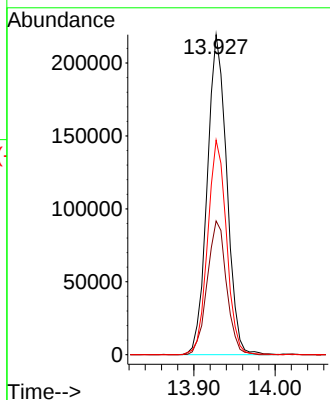
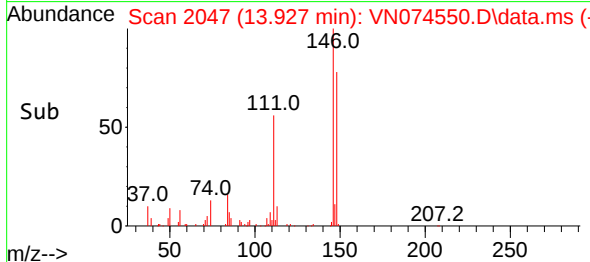
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



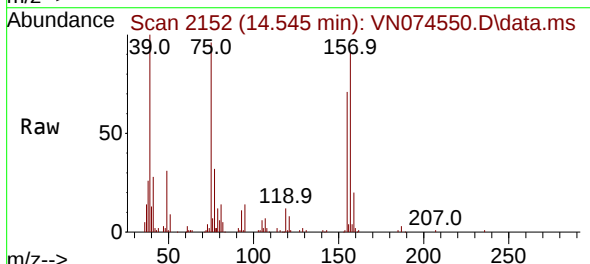
Tgt Ion:146 Resp: 366672
Ion Ratio Lower Upper
146 100
111 41.3 20.9 62.8
148 64.5 32.1 96.3

Manual Integrations
APPROVED

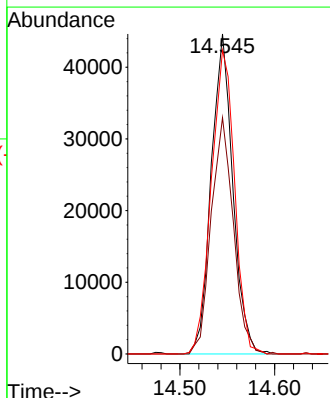
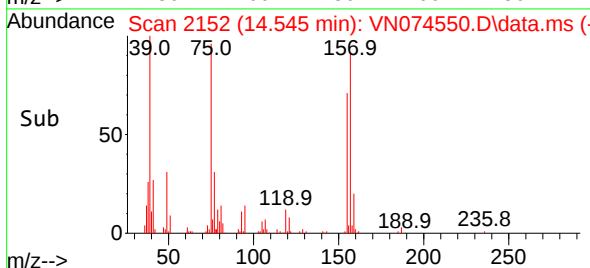
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

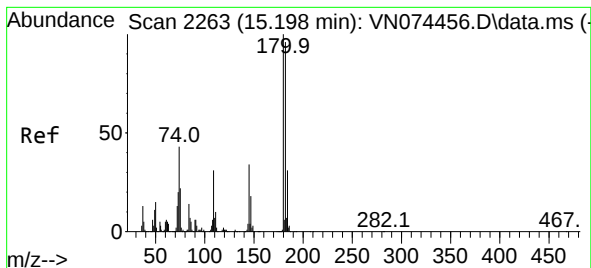


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.491 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40



Tgt Ion: 75 Resp: 70573
Ion Ratio Lower Upper
75 100
155 76.1 44.9 134.5
157 102.5 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 52.357 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. -0.000 min

Lab File: VN074550.D

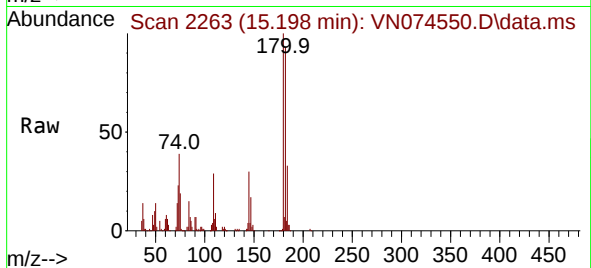
Acq: 17 Sep 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



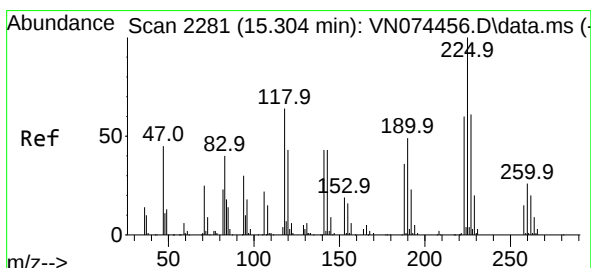
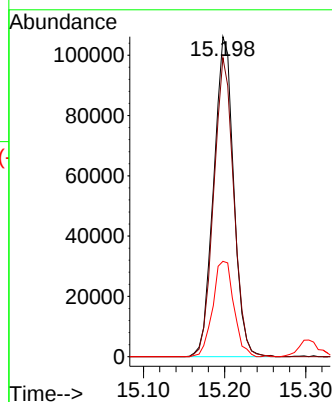
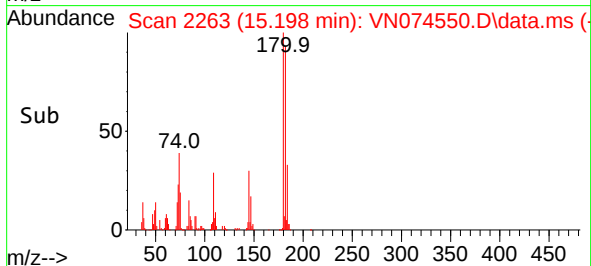
Tgt Ion:	180	Resp:	18209
Ion Ratio	Lower	Upper	
180	100		
182	93.4	47.5	142.5
145	31.3	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#94

Hexachlorobutadiene

Concen: 49.910 ug/l

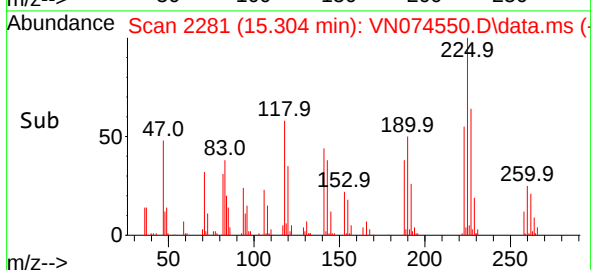
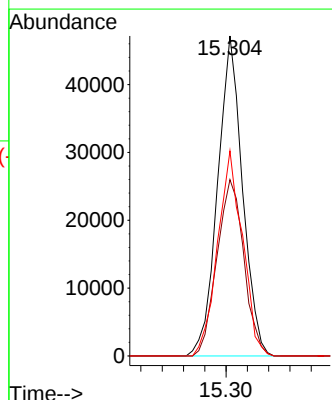
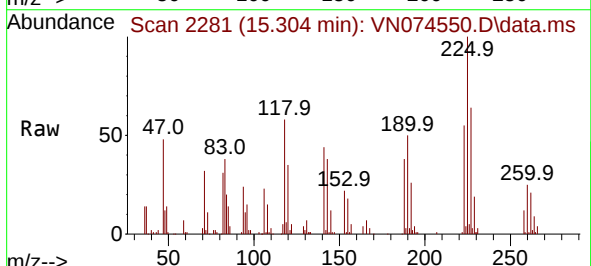
RT: 15.304 min Scan# 2281

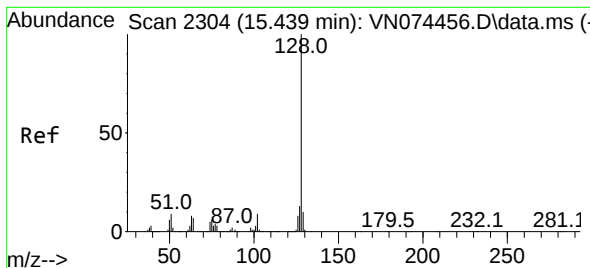
Delta R.T. -0.000 min

Lab File: VN074550.D

Acq: 17 Sep 2022 12:40

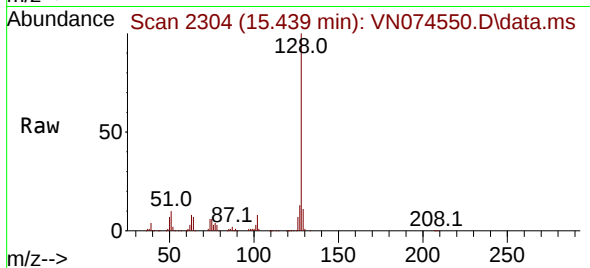
Tgt Ion:	225	Resp:	76288
Ion Ratio	Lower	Upper	
225	100		
223	59.6	32.4	97.2
227	64.4	31.8	95.4





#95
Naphthalene
Concen: 48.913 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

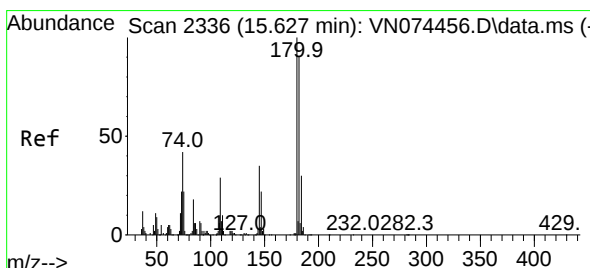
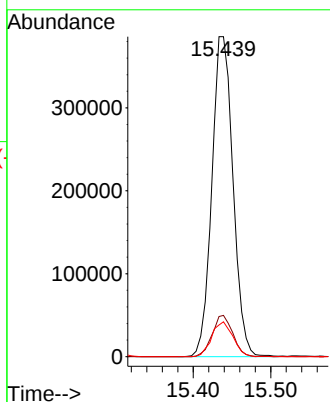
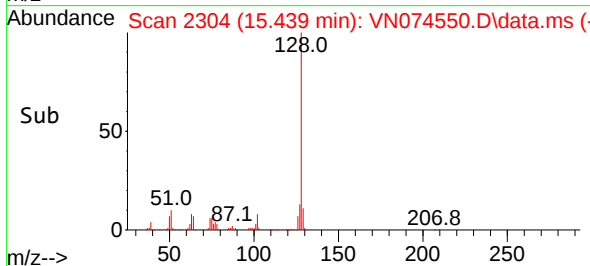
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 732430
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 50.476 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074550.D
Acq: 17 Sep 2022 12:40

Tgt Ion:180 Resp: 181962
Ion Ratio Lower Upper
180 100
182 92.2 47.8 143.3
145 33.5 15.5 46.5

