

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016940.D
 Acq On : 09 Jan 2024 10:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:22:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	133735	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	220896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	186266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	81741	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	61700	46.679	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.360%
35) Dibromofluoromethane	7.740	113	67132	47.692	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.380%
50) Toluene-d8	10.197	98	240968	49.713	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.502	95	77413	47.336	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	44413	43.618	ug/l	99
3) Chloromethane	2.132	50	70610	44.946	ug/l	98
4) Vinyl Chloride	2.272	62	87412	47.171	ug/l	99
5) Bromomethane	2.674	94	60599	45.647	ug/l	98
6) Chloroethane	2.814	64	59565	47.518	ug/l	96
7) Trichlorofluoromethane	3.150	101	111385	48.784	ug/l	99
8) Diethyl Ether	3.552	74	35976	49.304	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.924	101	72086	48.556	ug/l	99
10) Methyl Iodide	4.119	142	66224	52.434	ug/l	98
11) Tert butyl alcohol	4.979	59	24529	255.876	ug/l #	88
12) 1,1-Dichloroethene	3.900	96	63620	49.946	ug/l	98
13) Acrolein	3.753	56	31180	215.221	ug/l	96
14) Allyl chloride	4.509	41	103944	51.618	ug/l	99
15) Acrylonitrile	5.192	53	89484	262.181	ug/l	99
16) Acetone	3.973	43	87871	271.843	ug/l	100
17) Carbon Disulfide	4.223	76	140406	46.132	ug/l	100
18) Methyl Acetate	4.503	43	82578	58.313	ug/l	100
19) Methyl tert-butyl Ether	5.253	73	177112	53.445	ug/l	99
20) Methylene Chloride	4.747	84	76154	43.434	ug/l	98
21) trans-1,2-Dichloroethene	5.253	96	73160	50.149	ug/l	98
22) Diisopropyl ether	6.143	45	249858	53.670	ug/l	96
23) Vinyl Acetate	6.088	43	544590	255.121	ug/l	99
24) 1,1-Dichloroethane	6.045	63	143565	51.317	ug/l	99
25) 2-Butanone	7.009	43	117309	260.476	ug/l	100
26) 2,2-Dichloropropane	7.009	77	125365	51.683	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	88250	51.604	ug/l	98
28) Bromochloromethane	7.362	49	54896	52.268	ug/l	100
29) Tetrahydrofuran	7.368	42	71160	265.994	ug/l	98
30) Chloroform	7.533	83	146763	50.907	ug/l	98
31) Cyclohexane	7.813	56	108819	47.967	ug/l	97
32) 1,1,1-Trichloroethane	7.728	97	124635	50.986	ug/l	99
36) 1,1-Dichloropropene	7.941	75	105417	51.387	ug/l	99
37) Ethyl Acetate	7.100	43	48280	51.789	ug/l	100
38) Carbon Tetrachloride	7.929	117	106788	51.236	ug/l	99
39) Methylcyclohexane	9.203	83	115187	49.947	ug/l	99
40) Benzene	8.185	78	318145	51.699	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	26354	53.676	ug/l	94
42) 1,2-Dichloroethane	8.258	62	83971	51.399	ug/l	100
43) Isopropyl Acetate	8.295	43	93171	52.190	ug/l	99
44) Trichloroethene	8.960	130	80378	51.330	ug/l	96
45) 1,2-Dichloropropane	9.234	63	82724	52.179	ug/l	99
46) Dibromomethane	9.325	93	42010	51.957	ug/l	98
47) Bromodichloromethane	9.514	83	112270	51.709	ug/l	96
48) Methyl methacrylate	9.313	41	51370	53.319	ug/l	95
49) 1,4-Dioxane	9.319	88	9044	1080.284	ug/l	98
51) 4-Methyl-2-Pentanone	10.087	43	257740	271.470	ug/l	100
52) Toluene	10.264	92	195956	52.763	ug/l	100
53) t-1,3-Dichloropropene	10.484	75	103697	53.320	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	122898	52.620	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	61517	52.079	ug/l	98
56) Ethyl methacrylate	10.526	69	55083	55.055	ug/l	98
57) 1,3-Dichloropropane	10.807	76	102465	51.956	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	163952	259.690	ug/l	99
59) 2-Hexanone	10.849	43	180216	257.787	ug/l	100
60) Dibromochloromethane	11.002	129	70273	51.588	ug/l	100
61) 1,2-Dibromoethane	11.106	107	53732	52.356	ug/l	100
64) Tetrachloroethene	10.740	164	60185	49.839	ug/l	98
65) Chlorobenzene	11.532	112	205531	52.968	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	78676	53.338	ug/l	99
67) Ethyl Benzene	11.612	91	375563	53.761	ug/l	99
68) m/p-Xylenes	11.721	106	279826	109.127	ug/l	100
69) o-Xylene	12.050	106	130365	54.231	ug/l	99
70) Styrene	12.063	104	195706	55.937	ug/l	99
71) Bromoform	12.227	173	39109	53.858	ug/l #	97
73) Isopropylbenzene	12.349	105	361931	54.222	ug/l	99
74) N-amyl acetate	12.160	43	74087	55.243	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.599	83	70214	51.626	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	82744	93.281	ug/l #	100
77) Bromobenzene	12.630	156	76551	52.088	ug/l	100
78) n-propylbenzene	12.691	91	431021	53.115	ug/l	100
79) 2-Chlorotoluene	12.776	91	237690	52.821	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	283426	53.688	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	20881	53.454	ug/l	98
82) 4-Chlorotoluene	12.874	91	244005	53.076	ug/l	99
83) tert-Butylbenzene	13.093	119	252467	54.297	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	281539	54.153	ug/l	98
85) sec-Butylbenzene	13.270	105	365291	53.020	ug/l	99
86) p-Isopropyltoluene	13.386	119	306596	53.920	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	151938	52.715	ug/l	98
88) 1,4-Dichlorobenzene	13.465	146	147587	52.353	ug/l	100
89) n-Butylbenzene	13.715	91	296091	54.159	ug/l	100
90) Hexachloroethane	13.977	117	63492	51.964	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	130110	52.235	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	8713	51.088	ug/l	98
93) 1,2,4-Trichlorobenzene	15.026	180	70970	57.378	ug/l	99
94) Hexachlorobutadiene	15.129	225	40613	52.414	ug/l	99
95) Naphthalene	15.257	128	132481	57.665	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	60085	57.210	ug/l	97

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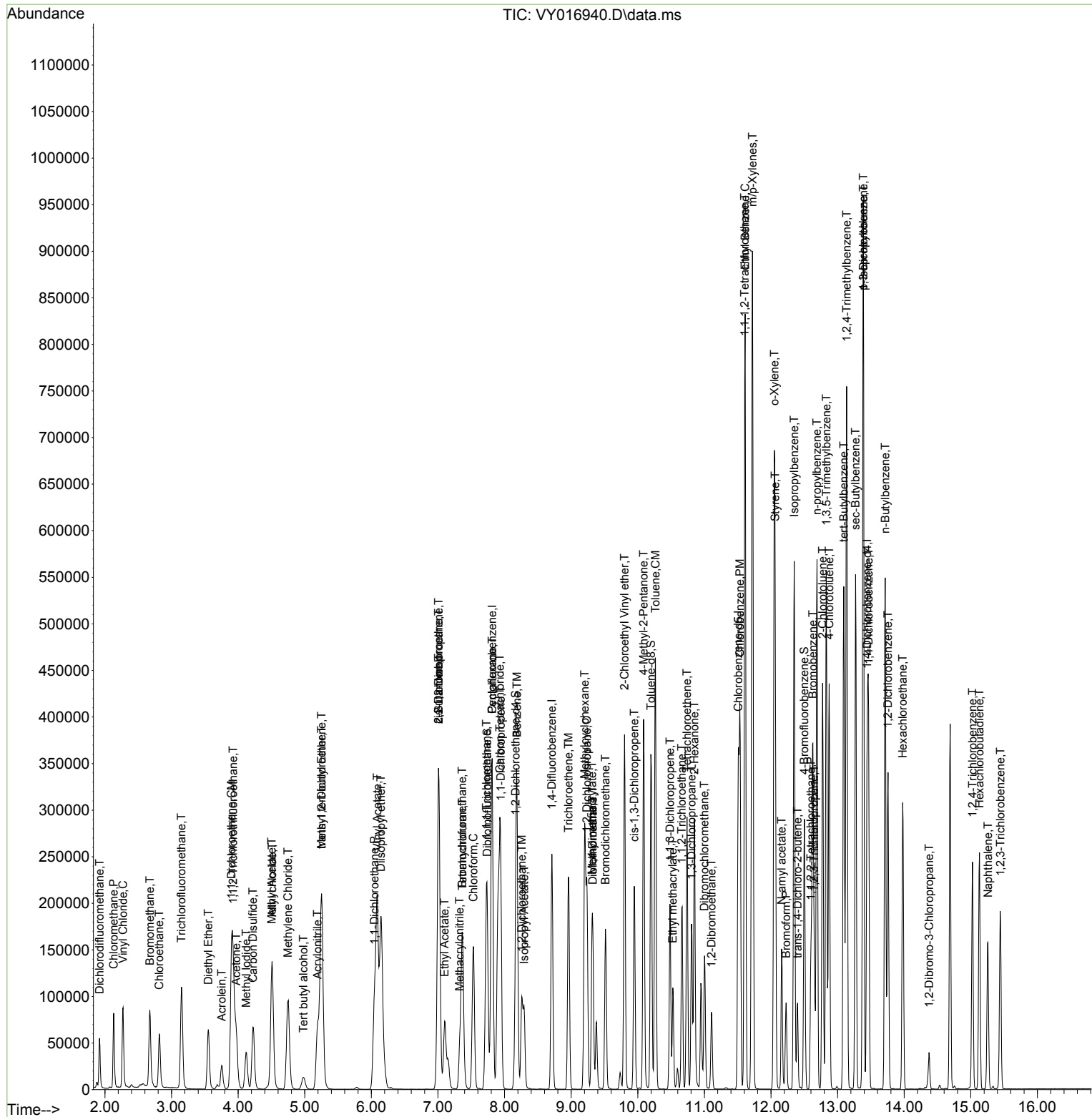
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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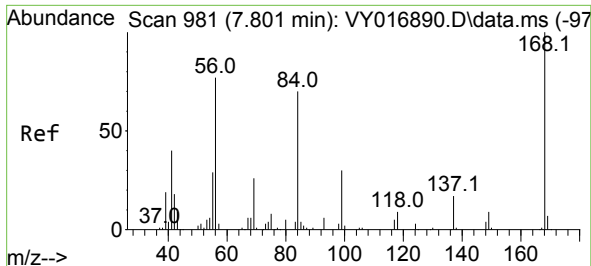
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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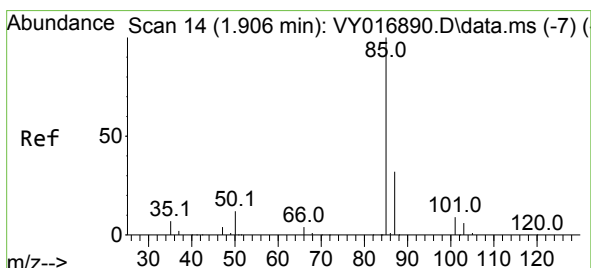
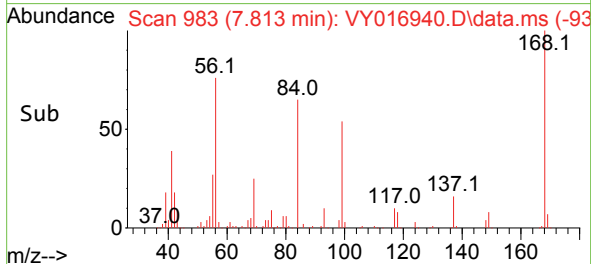
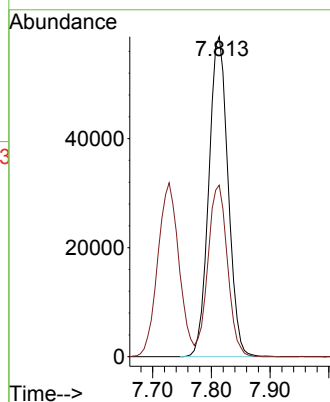
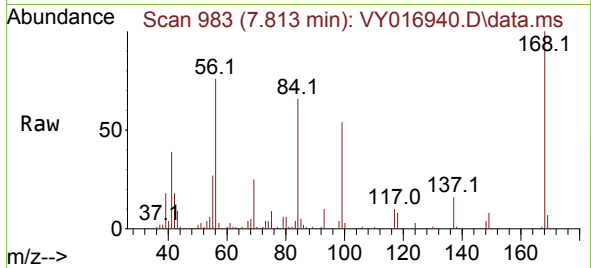




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016940.D
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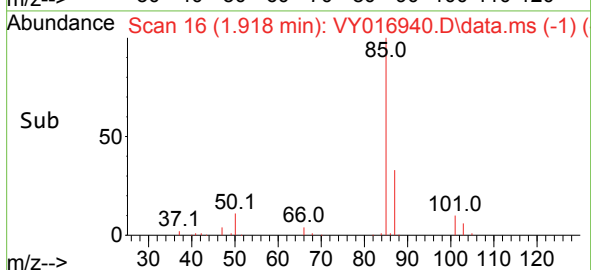
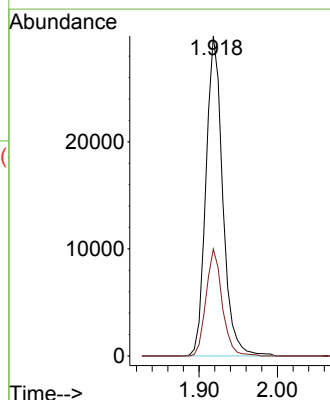
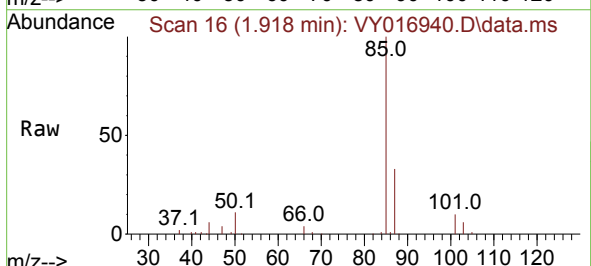
Instrument :
MSVOA_Y
ClientSampleId :

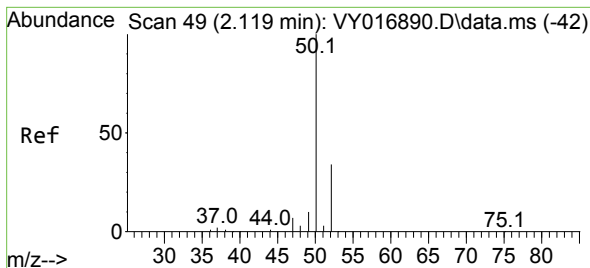
Tgt Ion:168 Resp: 133735
Ion Ratio Lower Upper
168 100
99 53.6 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 43.618 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion: 85 Resp: 44413
Ion Ratio Lower Upper
85 100
87 33.5 17.1 51.3





#3

Chloromethane

Concen: 44.946 ug/l

RT: 2.132 min Scan# 51

Delta R.T. 0.013 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

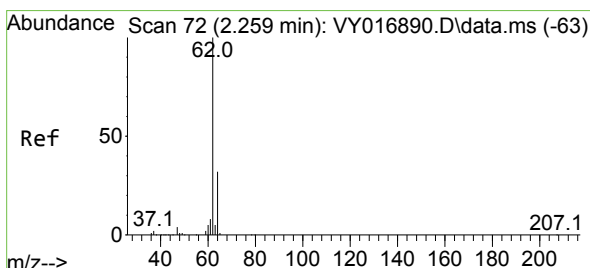
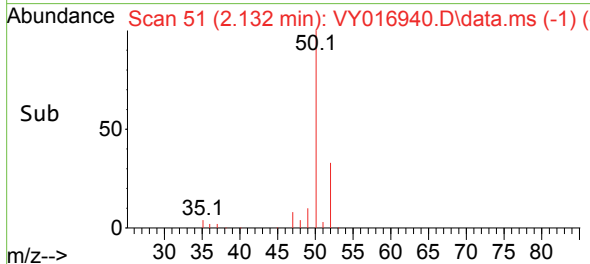
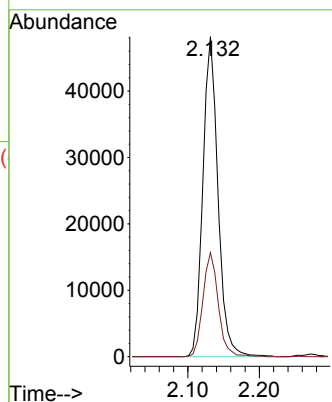
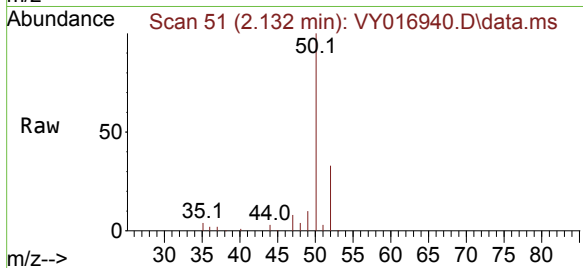
ClientSampleId :

Tgt Ion: 50 Resp: 70610

Ion Ratio Lower Upper

50 100

52 32.5 26.7 40.1



#4

Vinyl Chloride

Concen: 47.171 ug/l

RT: 2.272 min Scan# 74

Delta R.T. 0.013 min

Lab File: VY016940.D

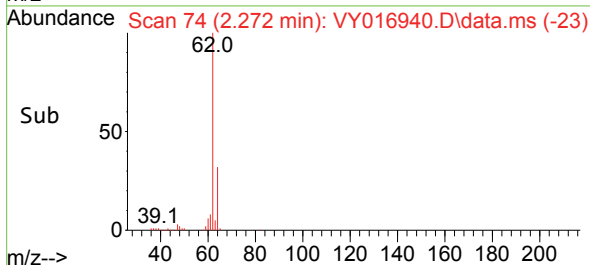
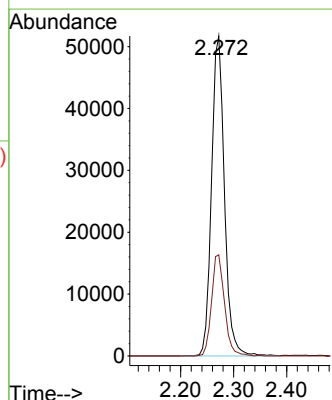
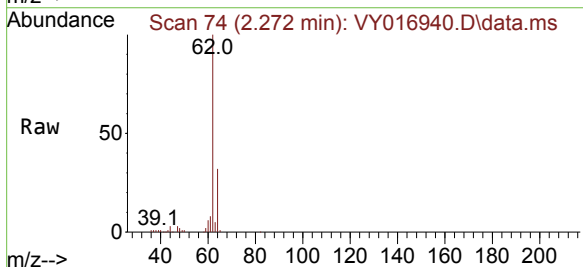
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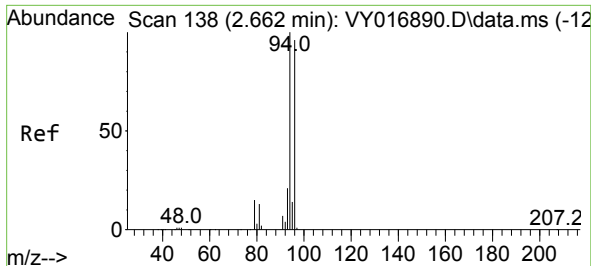
Tgt Ion: 62 Resp: 87412

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5

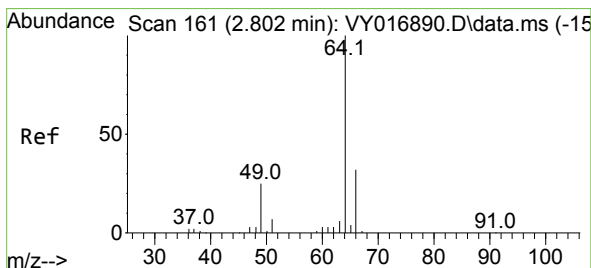
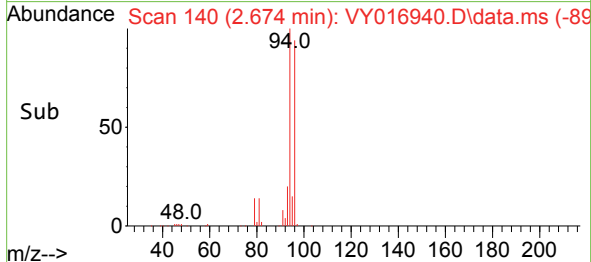
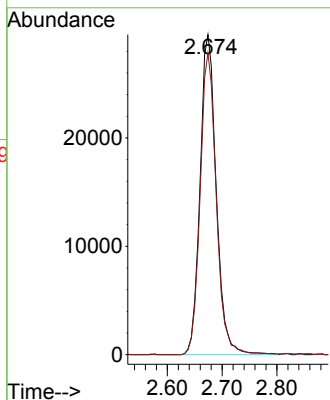
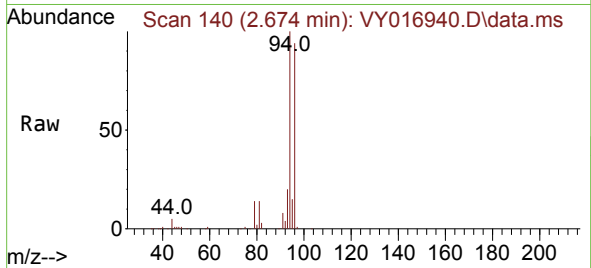




#5
Bromomethane
Concen: 45.647 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY016940.D
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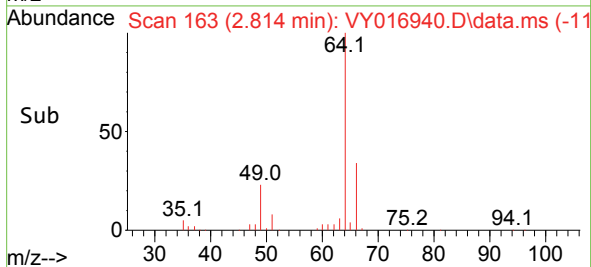
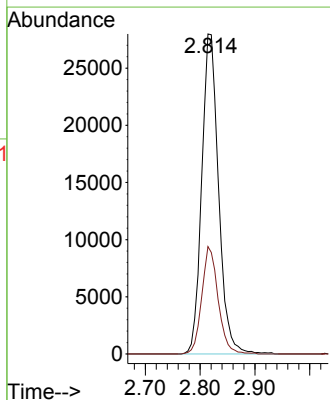
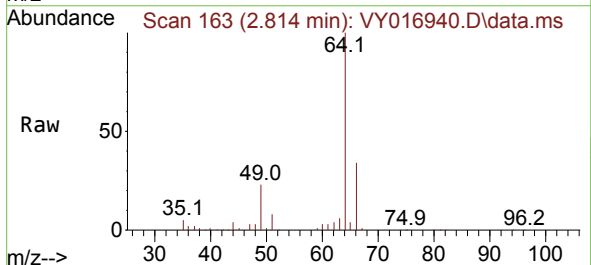
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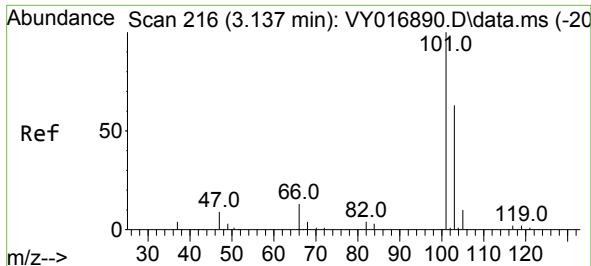
Tgt Ion: 94 Resp: 60599
Ion Ratio Lower Upper
94 100
96 94.3 77.3 115.9



#6
Chloroethane
Concen: 47.518 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion: 64 Resp: 59565
Ion Ratio Lower Upper
64 100
66 33.6 25.1 37.7

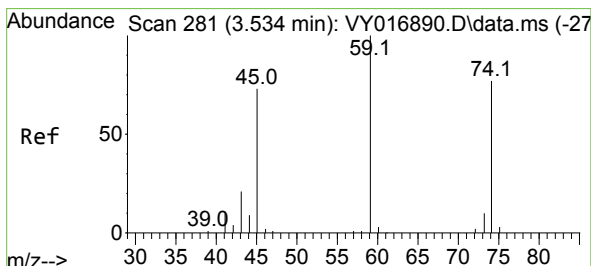
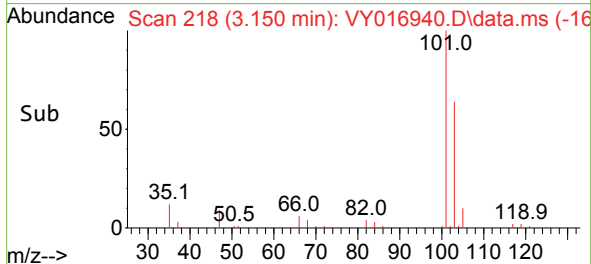
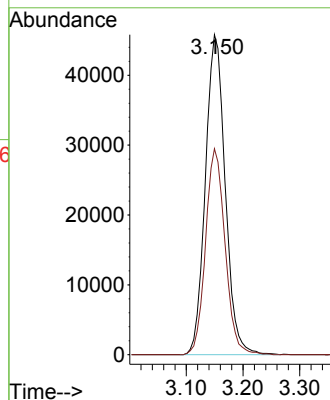
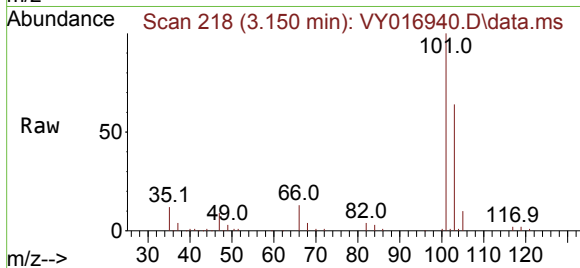




#7
Trichlorofluoromethane
Concen: 48.784 ug/l
RT: 3.150 min Scan# 216
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

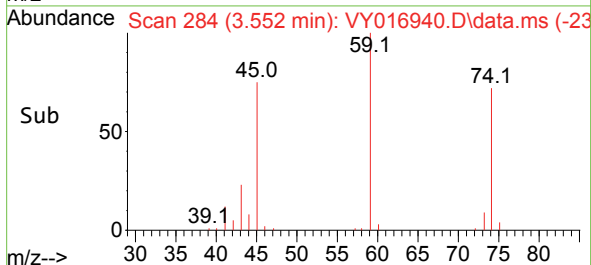
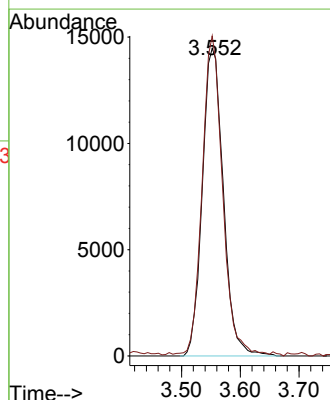
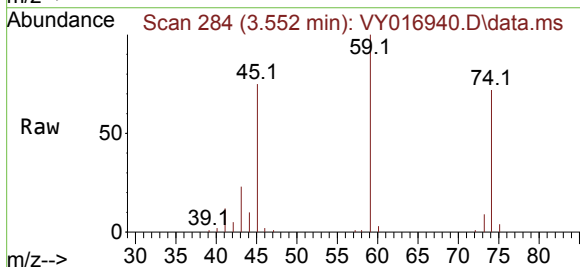
Instrument :
MSVOA_Y
ClientSampleId :

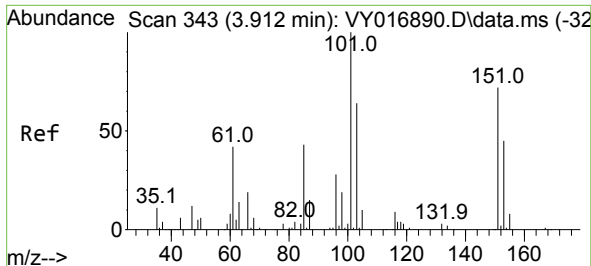
Tgt Ion:101 Resp: 111385
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9



#8
Diethyl Ether
Concen: 49.304 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY016940.D
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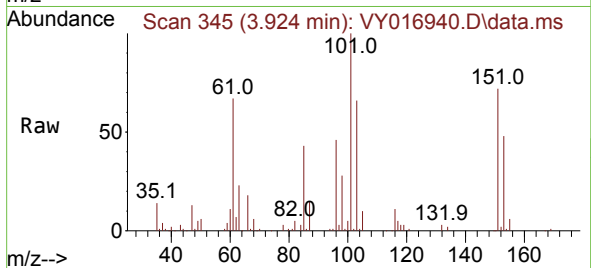
Tgt Ion: 74 Resp: 35976
Ion Ratio Lower Upper
74 100
45 99.6 47.9 143.7



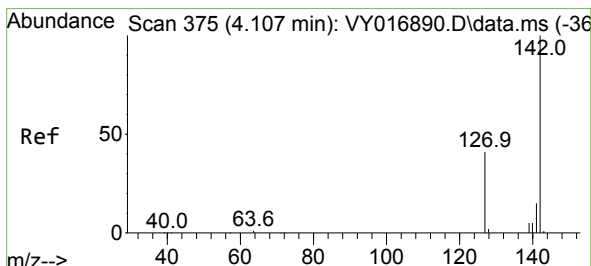
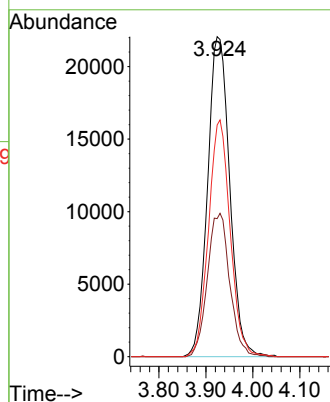
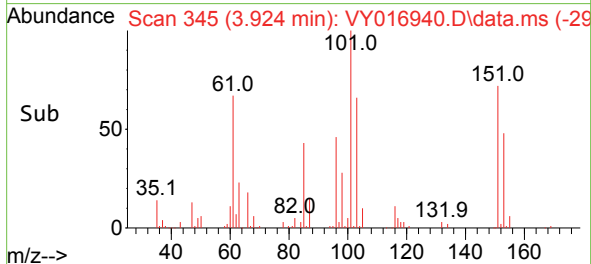


#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.556 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

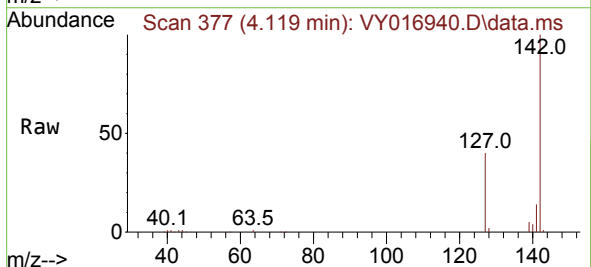
Instrument :
MSVOA_Y
ClientSampleId :



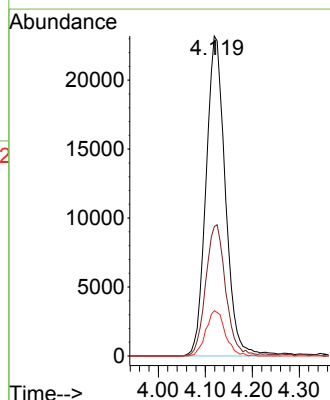
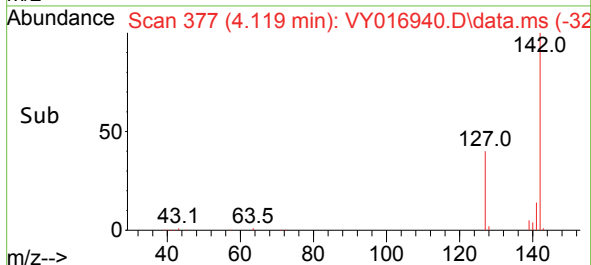
Tgt Ion:101 Resp: 72086
Ion Ratio Lower Upper
101 100
85 45.3 35.8 53.6
151 72.5 58.6 88.0

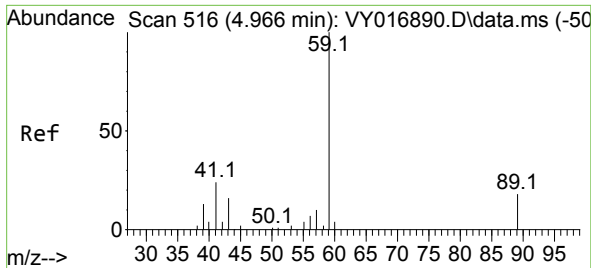


#10
Methyl Iodide
Concen: 52.434 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02



Tgt Ion:142 Resp: 66224
Ion Ratio Lower Upper
142 100
127 42.3 35.1 52.7
141 14.1 11.8 17.6





#11

Tert butyl alcohol

Concen: 255.876 ug/l

RT: 4.979 min Scan# 51

Delta R.T. 0.013 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

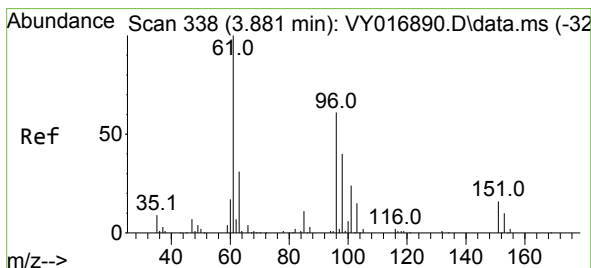
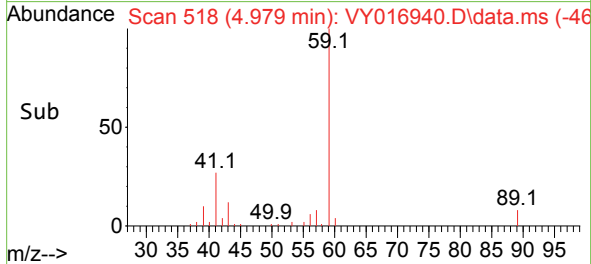
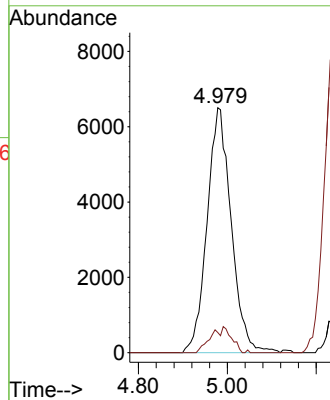
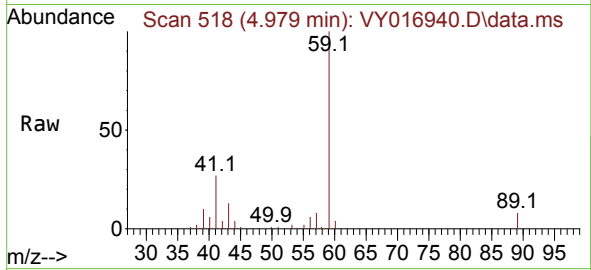
ClientSampleId :

Tgt Ion: 59 Resp: 24529

Ion Ratio Lower Upper

59 100

57 4.8 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 49.946 ug/l

RT: 3.900 min Scan# 341

Delta R.T. 0.013 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

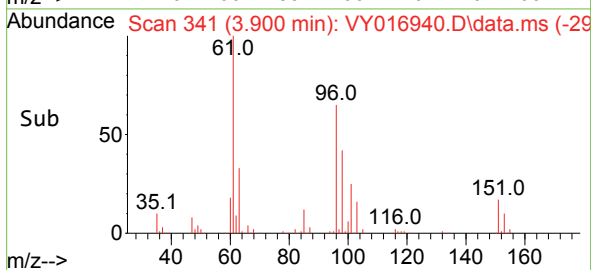
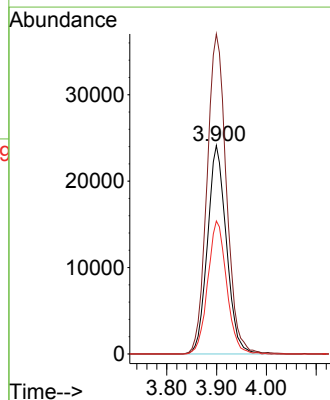
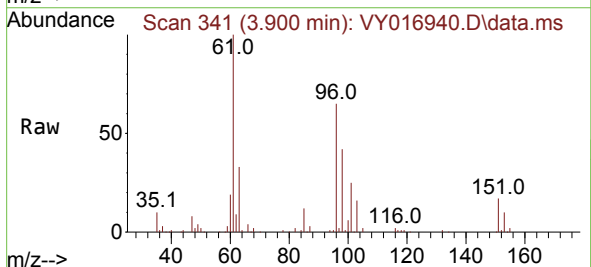
Tgt Ion: 96 Resp: 63620

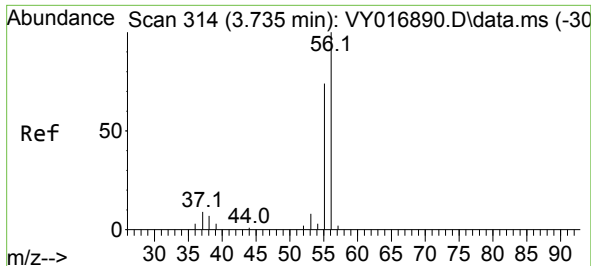
Ion Ratio Lower Upper

96 100

61 153.5 124.2 186.2

98 63.8 52.6 79.0





#13

Acrolein

Concen: 215.221 ug/l

RT: 3.753 min Scan# 311

Delta R.T. 0.012 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

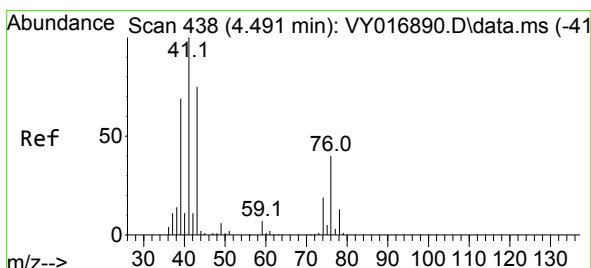
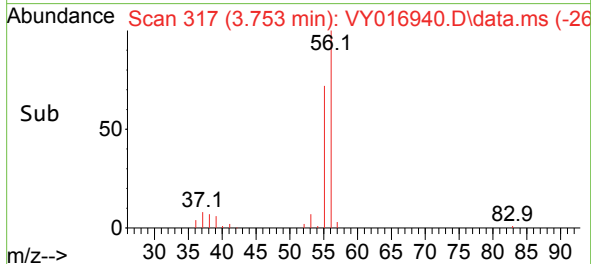
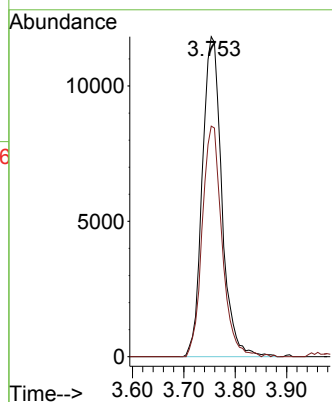
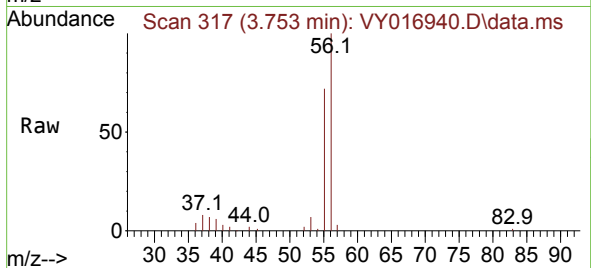
ClientSampleId :

Tgt Ion: 56 Resp: 31180

Ion Ratio Lower Upper

56 100

55 72.7 55.4 83.0



#14

Allyl chloride

Concen: 51.618 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

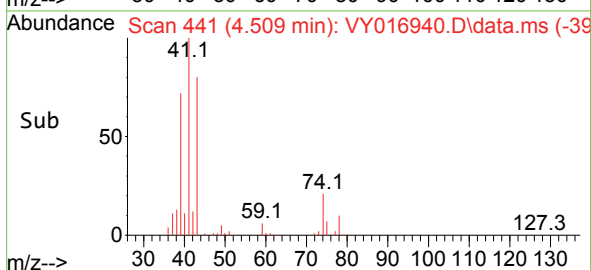
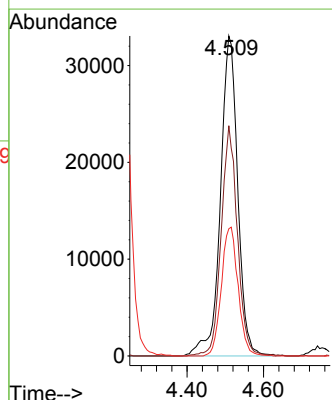
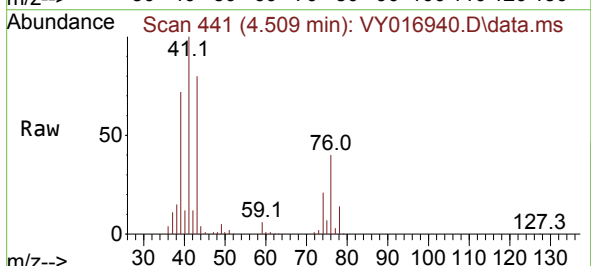
Tgt Ion: 41 Resp: 103944

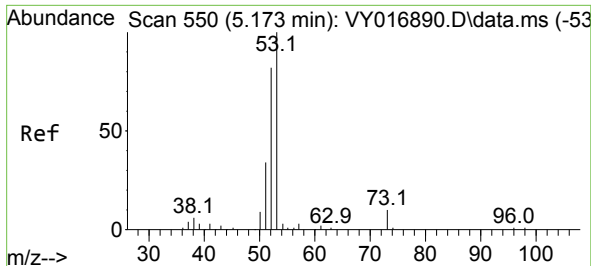
Ion Ratio Lower Upper

41 100

39 67.3 54.7 82.1

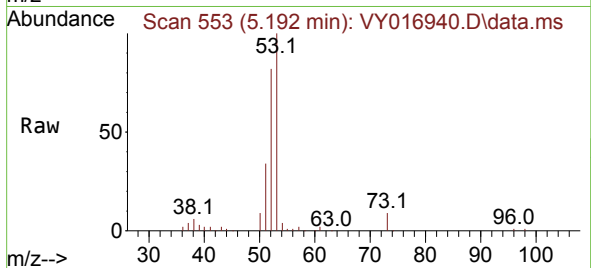
76 38.9 31.8 47.6



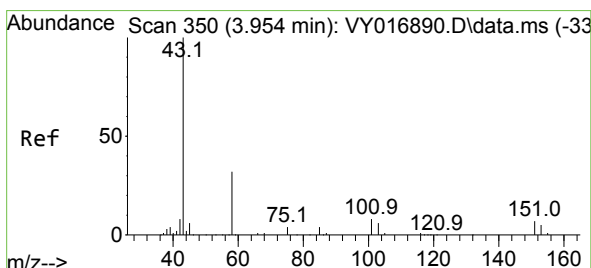
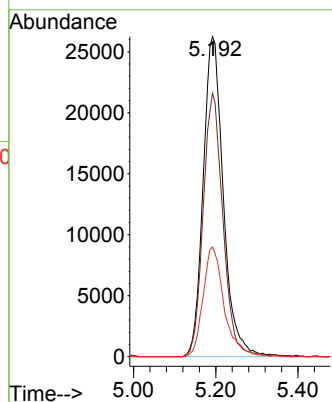
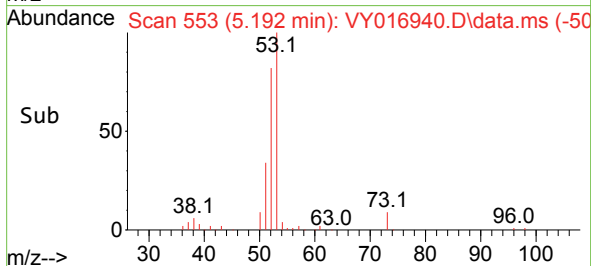


#15
Acrylonitrile
Concen: 262.181 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Instrument :
MSVOA_Y
ClientSampleId :

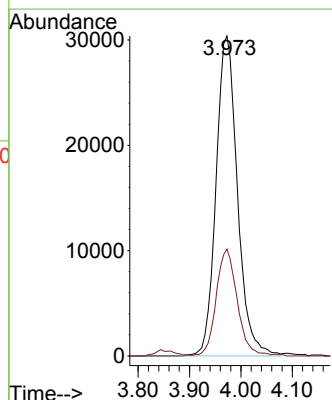
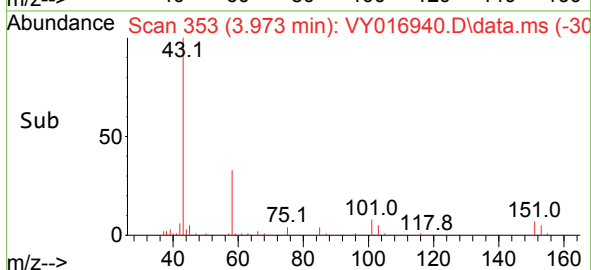
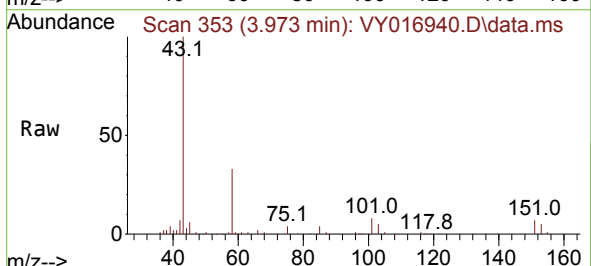


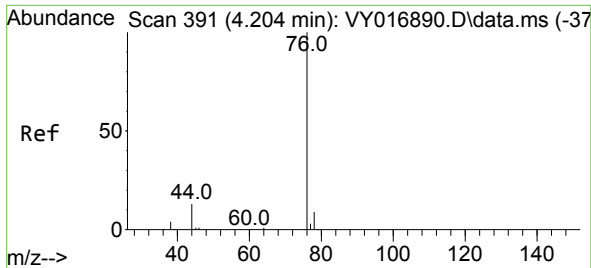
Tgt Ion: 53 Resp: 89484
Ion Ratio Lower Upper
53 100
52 80.4 65.1 97.7
51 35.8 29.0 43.4



#16
Acetone
Concen: 271.843 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion: 43 Resp: 87871
Ion Ratio Lower Upper
43 100
58 33.0 26.6 39.8

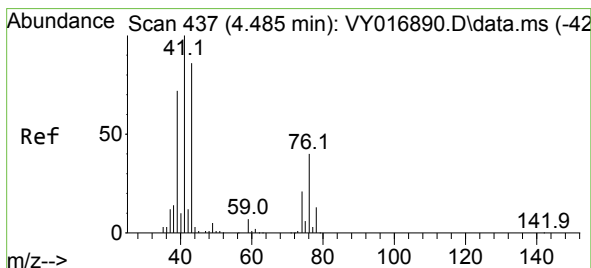
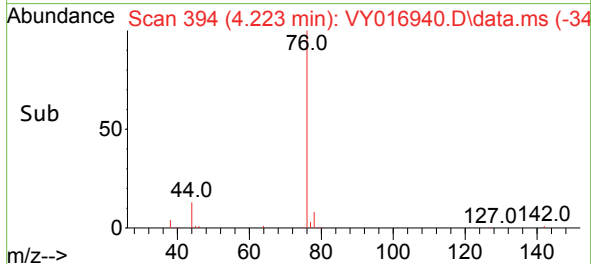
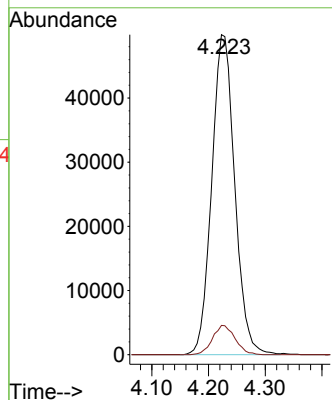
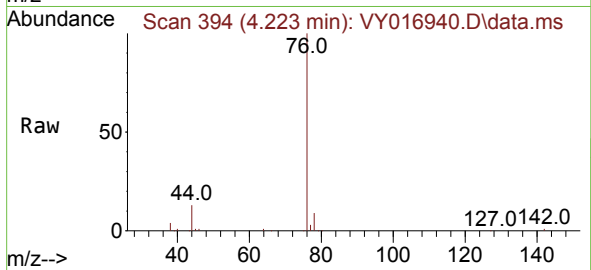




#17
Carbon Disulfide
Concen: 46.132 ug/l
RT: 4.223 min Scan# 391
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

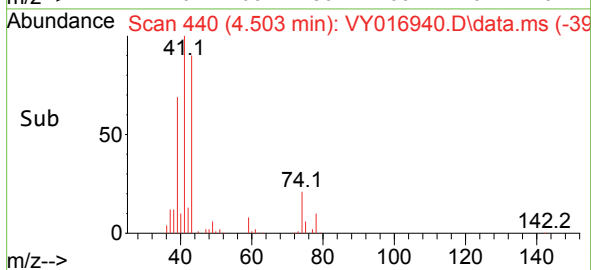
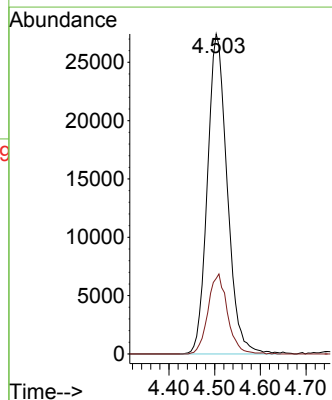
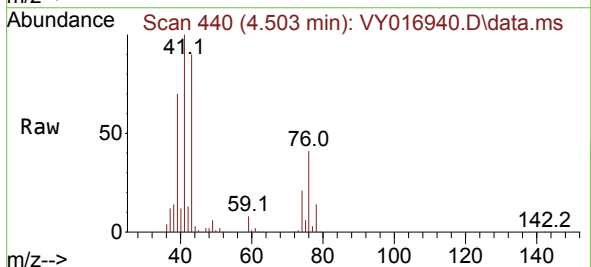
Instrument :
MSVOA_Y
ClientSampleId :

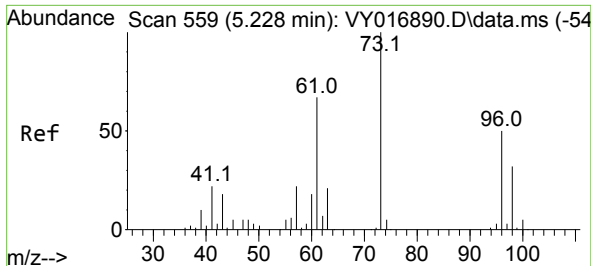
Tgt Ion: 76 Resp: 140406
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 58.313 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion: 43 Resp: 82578
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.6

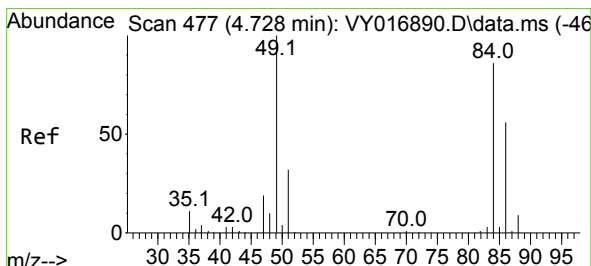
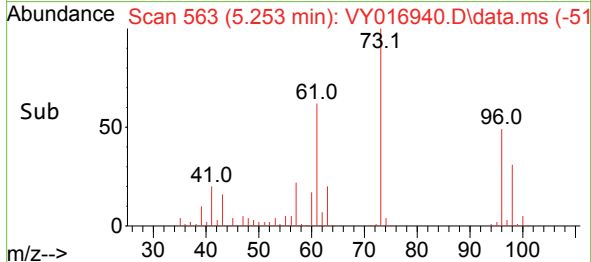
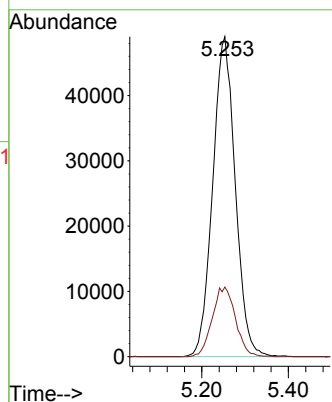
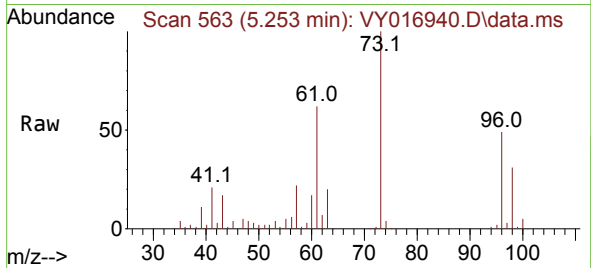




#19
Methyl tert-butyl Ether
Concen: 53.445 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

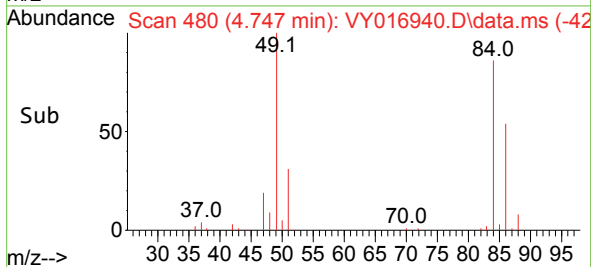
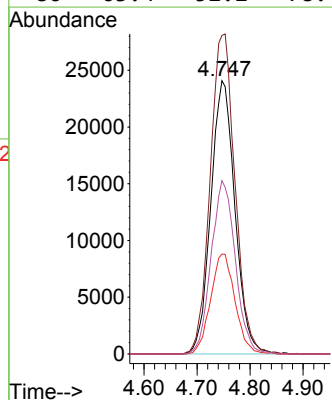
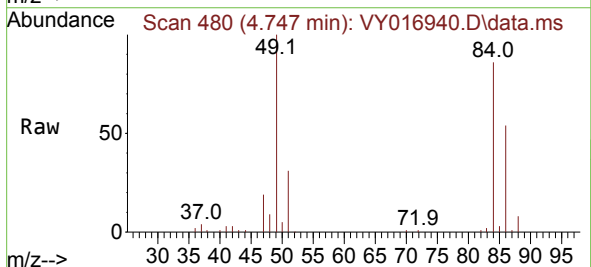
Instrument :
MSVOA_Y
ClientSampleId :

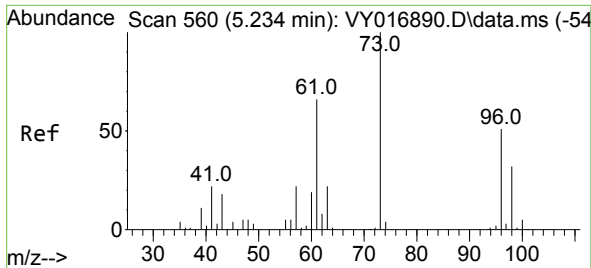
Tgt Ion: 73 Resp: 177112
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 43.434 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

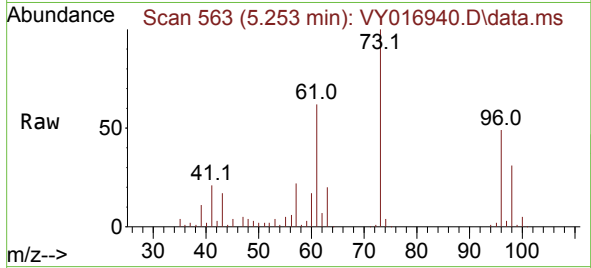
Tgt Ion: 84 Resp: 76154
Ion Ratio Lower Upper
84 100
49 116.6 95.2 142.8
51 36.5 29.9 44.9
86 63.4 52.2 78.4



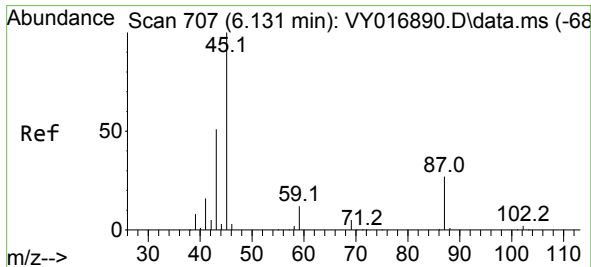
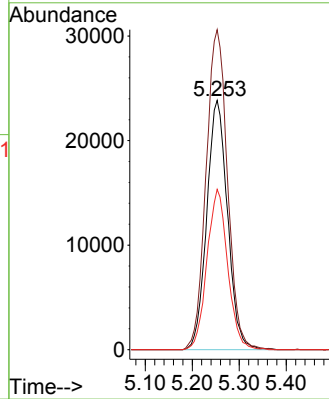
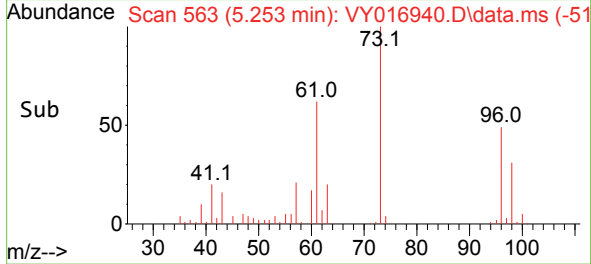


#21
trans-1,2-Dichloroethene
Concen: 50.149 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

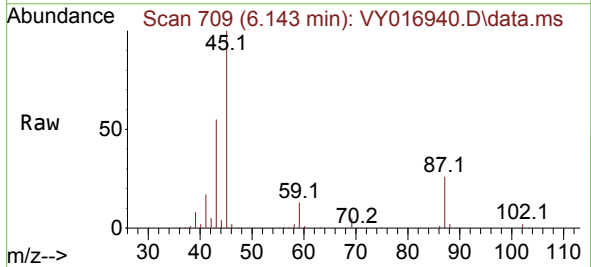
Instrument :
MSVOA_Y
ClientSampleId :



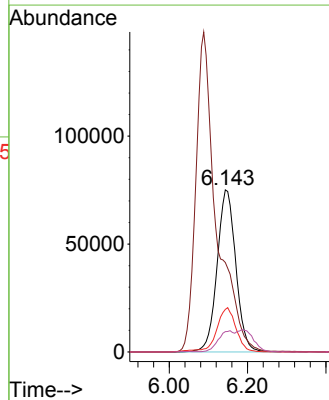
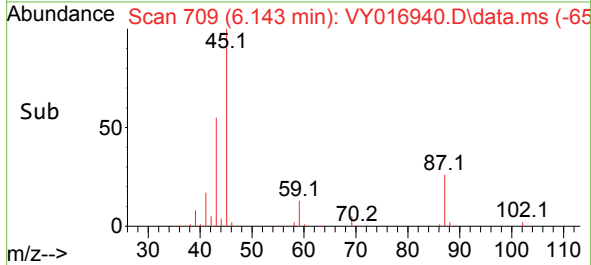
Tgt Ion: 96 Resp: 73160
Ion Ratio Lower Upper
96 100
61 128.4 104.6 156.8
98 64.3 50.9 76.3

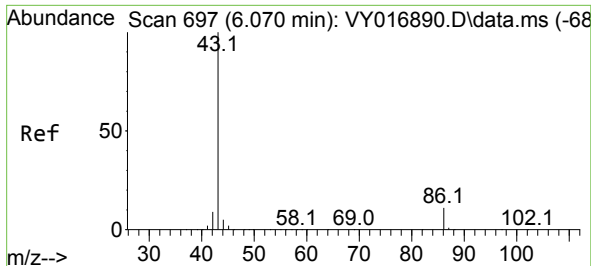


#22
Diisopropyl ether
Concen: 53.670 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02



Tgt Ion: 45 Resp: 249858
Ion Ratio Lower Upper
45 100
43 54.8 46.8 70.2
87 26.3 22.2 33.2
59 12.5 9.9 14.9

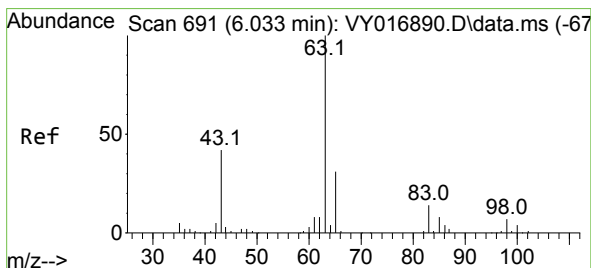
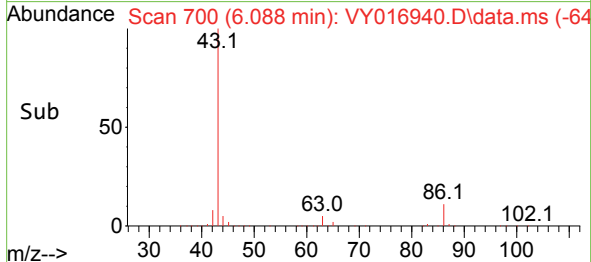
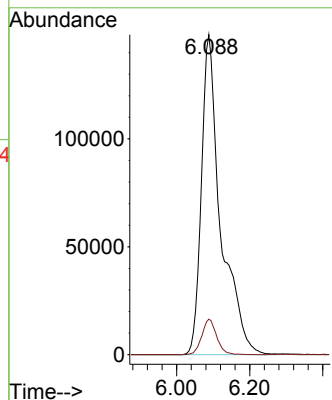
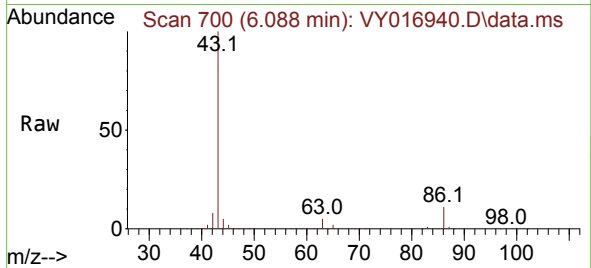




#23
 Vinyl Acetate
 Concen: 255.121 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VY016940.D
 Acq: 09 Jan 2024 10:02

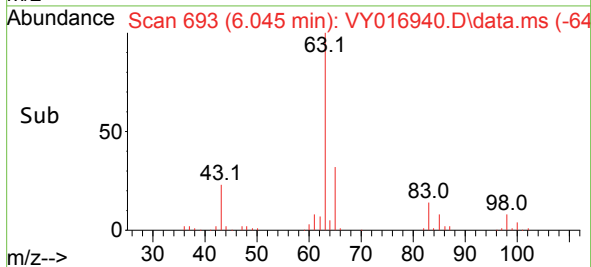
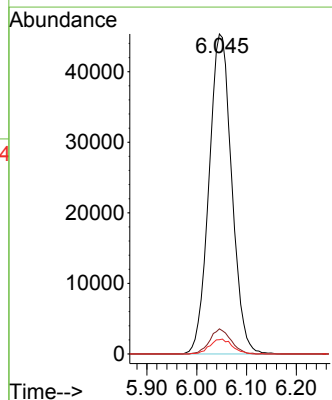
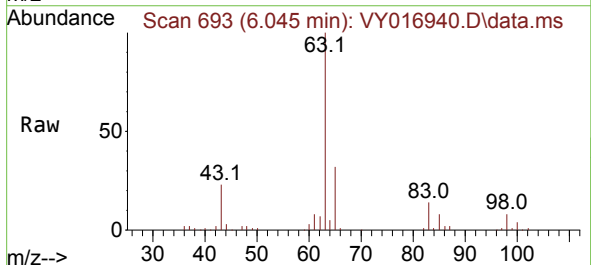
Instrument :
 MSVOA_Y
 ClientSampleId :

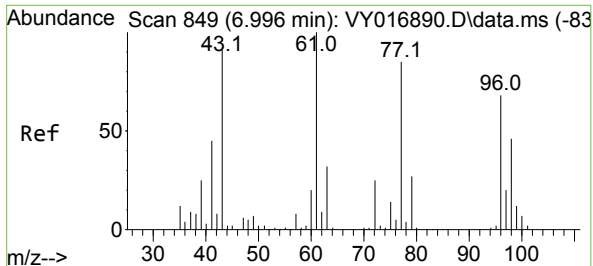
Tgt Ion: 43 Resp: 544590
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 51.317 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016940.D
 Acq: 09 Jan 2024 10:02

Tgt Ion: 63 Resp: 143565
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.4
 100 4.5 2.1 6.2





#25

2-Butanone

Concen: 260.476 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

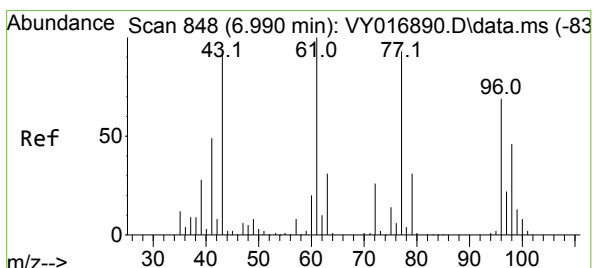
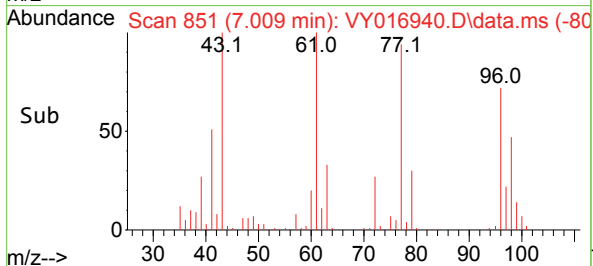
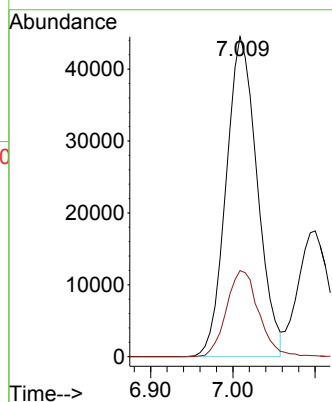
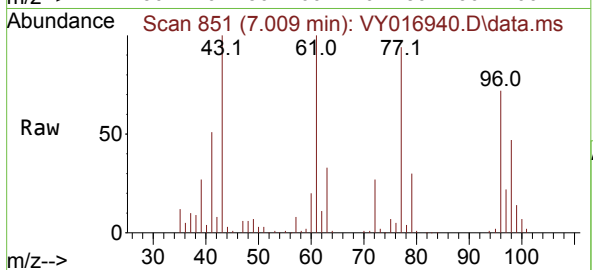
ClientSampleId :

Tgt Ion: 43 Resp: 117309

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 51.683 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY016940.D

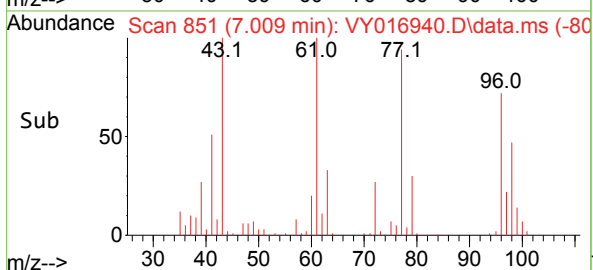
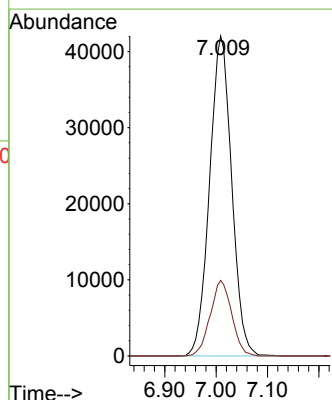
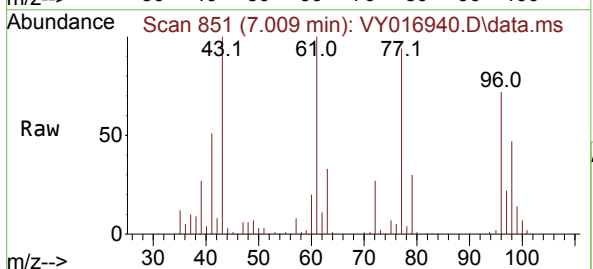
Acq: 09 Jan 2024 10:02

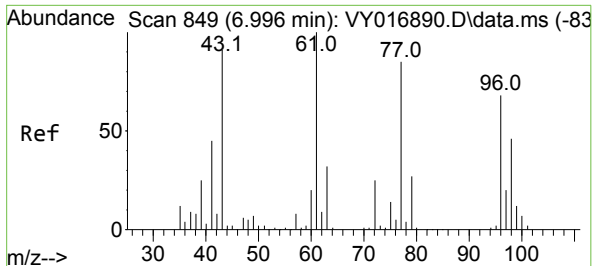
Tgt Ion: 77 Resp: 125365

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0

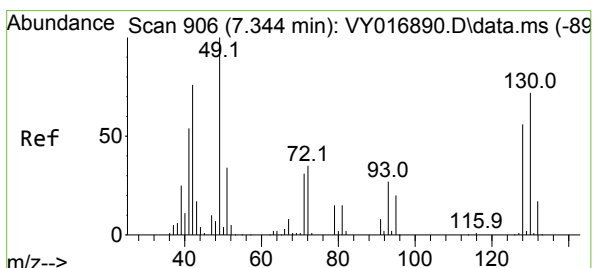
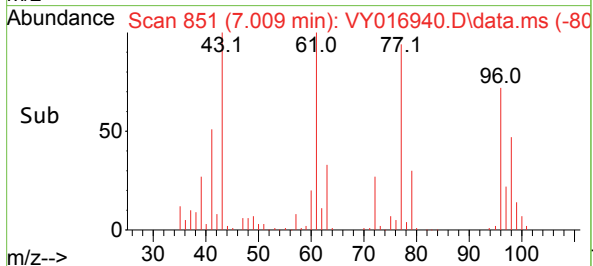
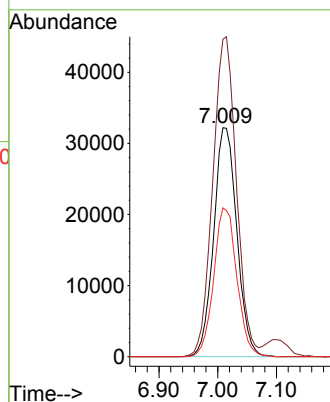
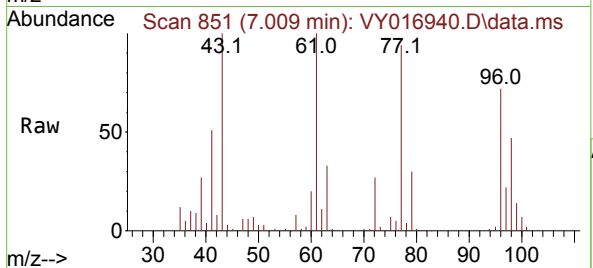




#27
 cis-1,2-Dichloroethene
 Concen: 51.604 ug/l
 RT: 7.009 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VY016940.D
 Acq: 09 Jan 2024 10:02

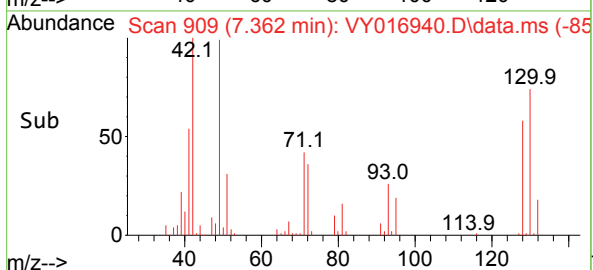
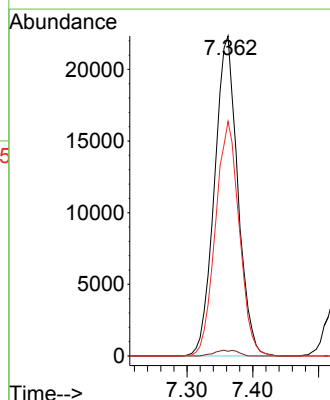
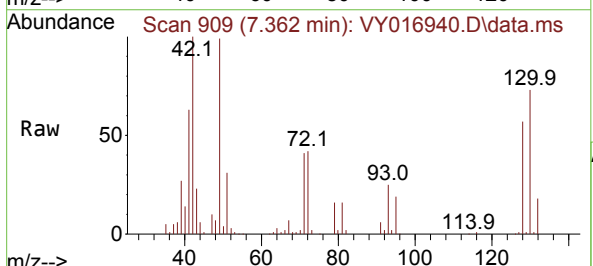
Instrument :
 MSVOA_Y
 ClientSampleId :

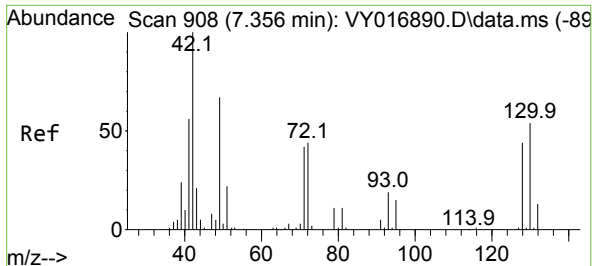
Tgt Ion: 96 Resp: 88250
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 278.8
 98 64.7 0.0 127.0



#28
 Bromochloromethane
 Concen: 52.268 ug/l
 RT: 7.362 min Scan# 909
 Delta R.T. 0.012 min
 Lab File: VY016940.D
 Acq: 09 Jan 2024 10:02

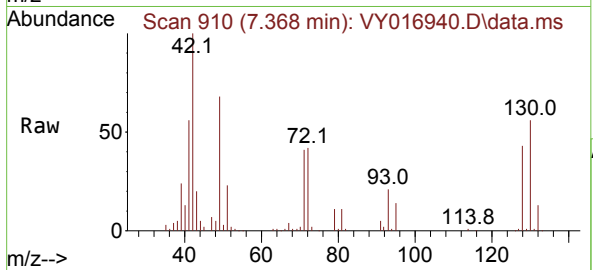
Tgt Ion: 49 Resp: 54896
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 75.0 59.8 89.8



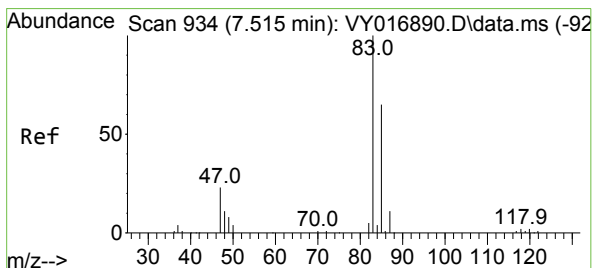
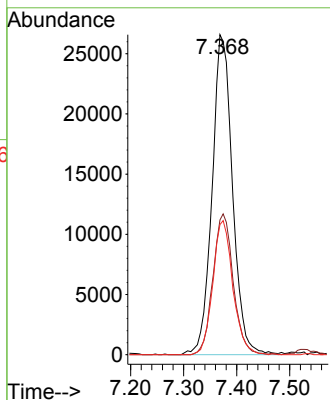
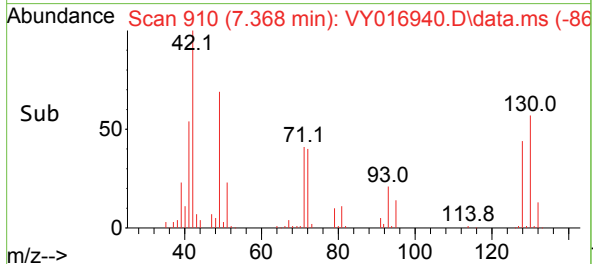


#29
Tetrahydrofuran
Concen: 265.994 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Instrument :
MSVOA_Y
ClientSampleId :

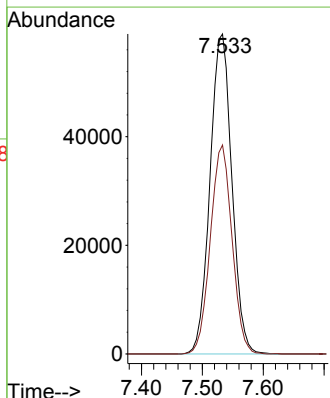
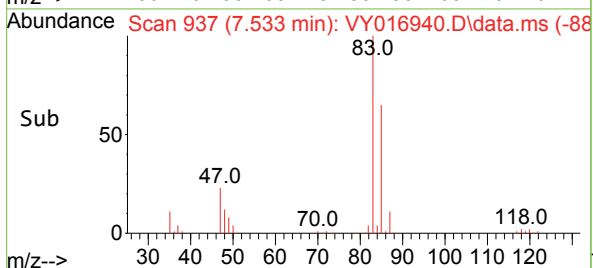
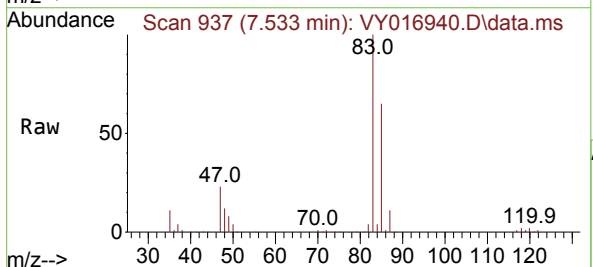


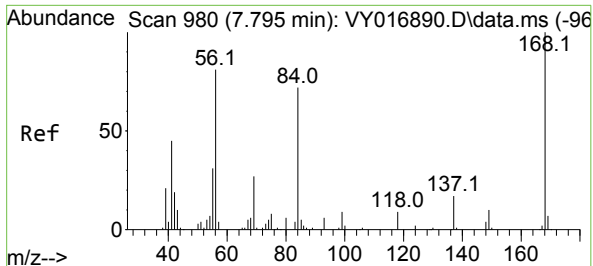
Tgt Ion: 42 Resp: 71160
Ion Ratio Lower Upper
42 100
72 43.7 36.6 54.8
71 41.1 33.8 50.6



#30
Chloroform
Concen: 50.907 ug/l
RT: 7.533 min Scan# 937
Delta R.T. 0.012 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

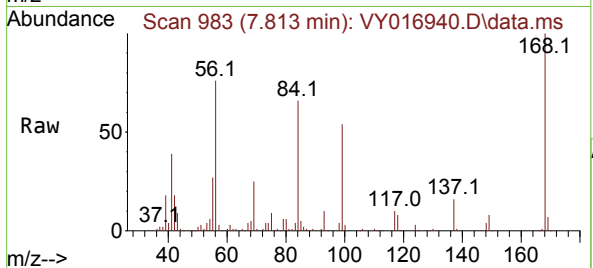
Tgt Ion: 83 Resp: 146763
Ion Ratio Lower Upper
83 100
85 65.3 51.2 76.8



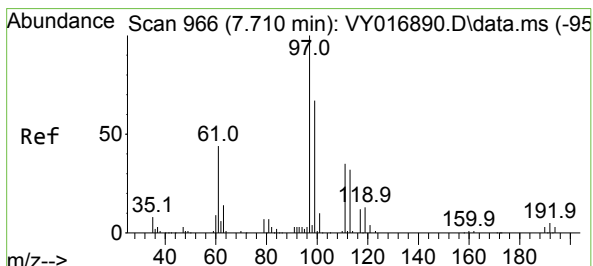
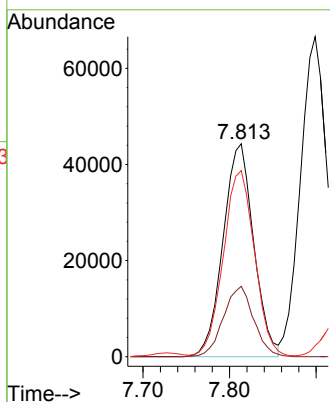
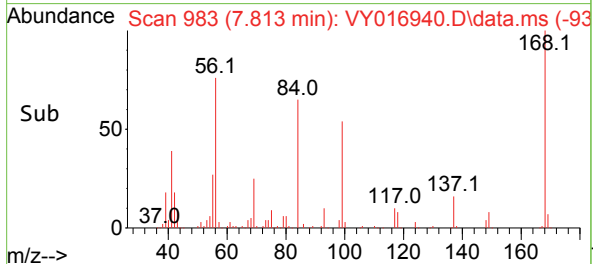


#31
Cyclohexane
Concen: 47.967 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

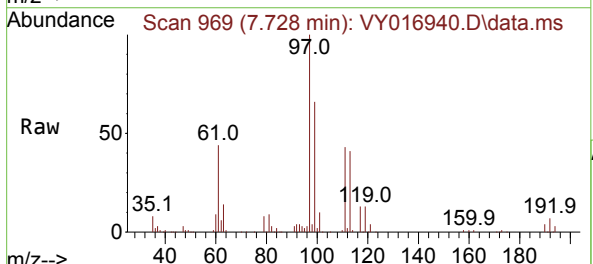
Instrument :
MSVOA_Y
ClientSampleId :



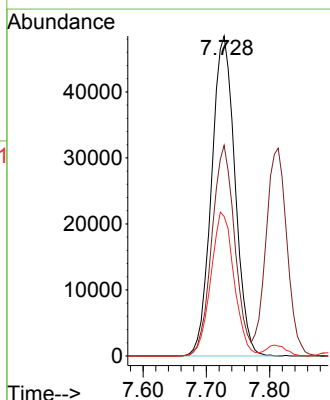
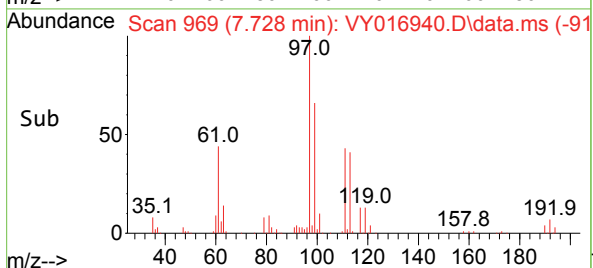
Tgt Ion: 56 Resp: 108819
Ion Ratio Lower Upper
56 100
69 33.1 27.0 40.6
84 86.0 71.8 107.6

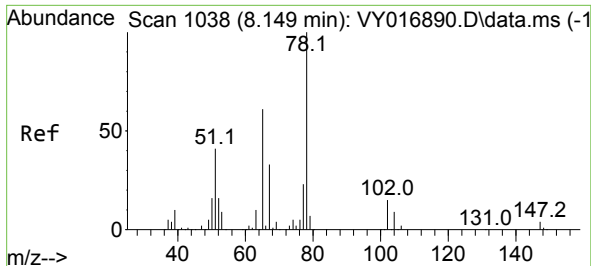


#32
1,1,1-Trichloroethane
Concen: 50.986 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02



Tgt Ion: 97 Resp: 124635
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 44.7 35.0 52.6

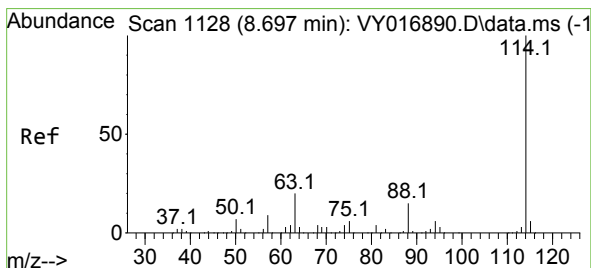
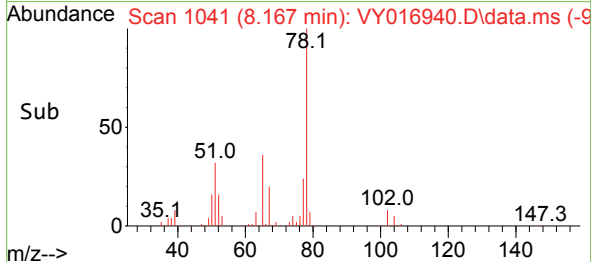
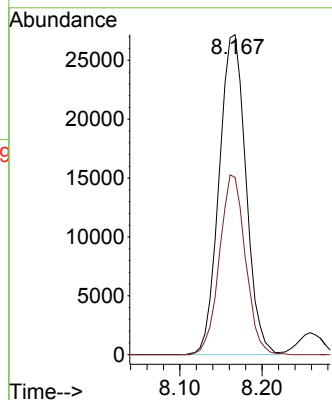
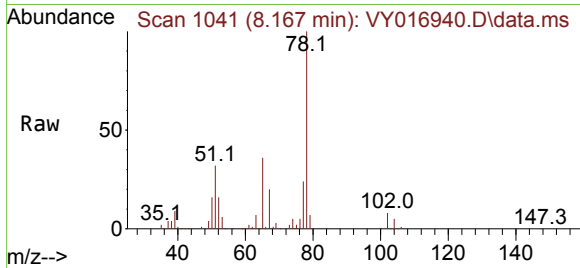




#33
1,2-Dichloroethane-d4
Concen: 46.679 ug/l
RT: 8.167 min Scan# 110
Delta R.T. 0.012 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

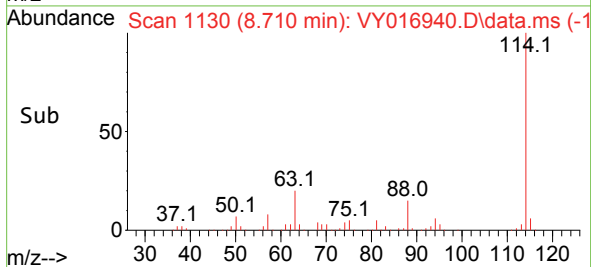
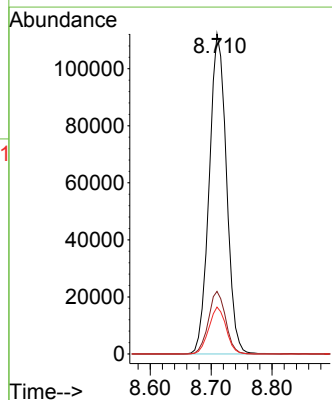
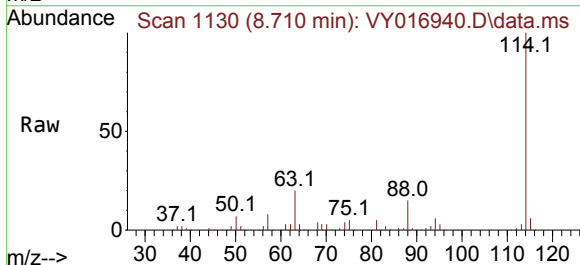
Instrument :
MSVOA_Y
ClientSampleId :

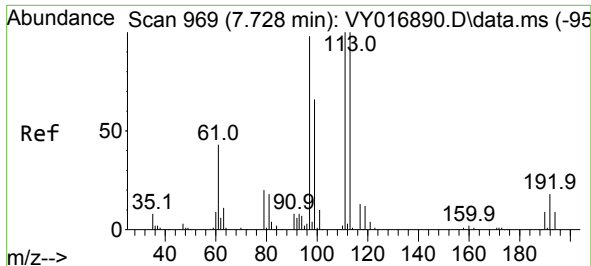
Tgt Ion: 65 Resp: 61700
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1130
Delta R.T. 0.007 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion:114 Resp: 220896
Ion Ratio Lower Upper
114 100
63 19.6 0.0 37.4
88 14.7 0.0 29.0

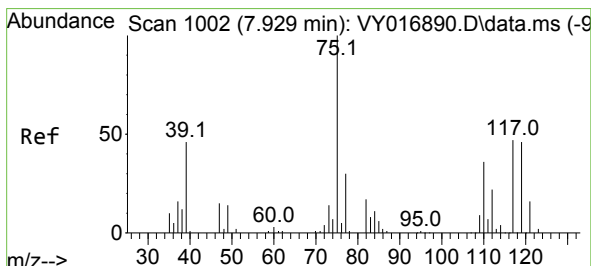
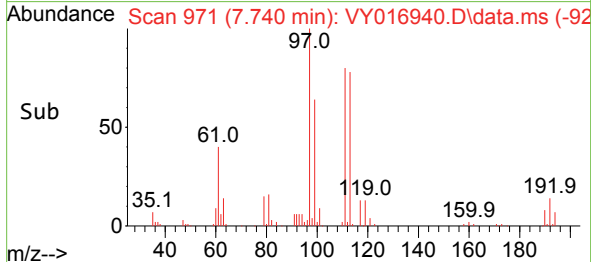
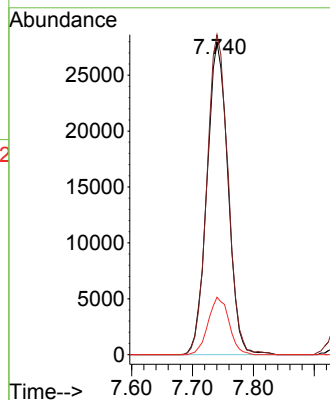
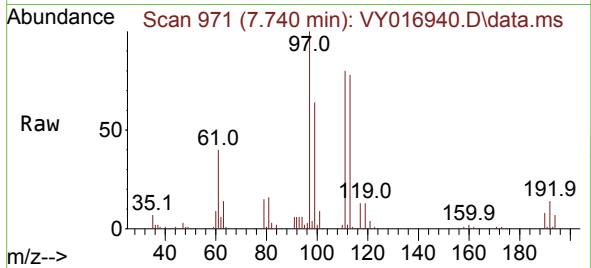




#35
Dibromofluoromethane
Concen: 47.692 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

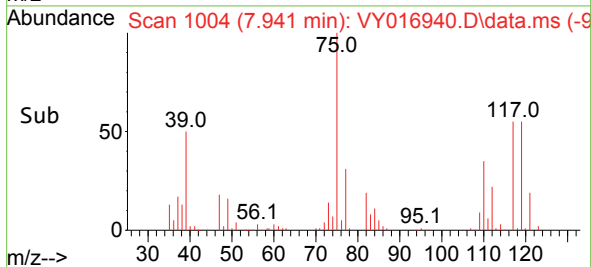
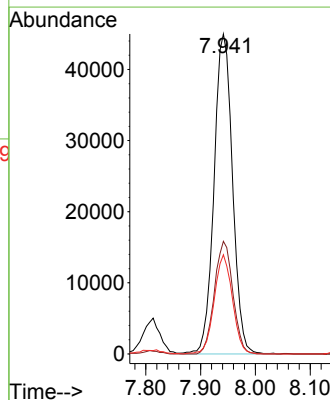
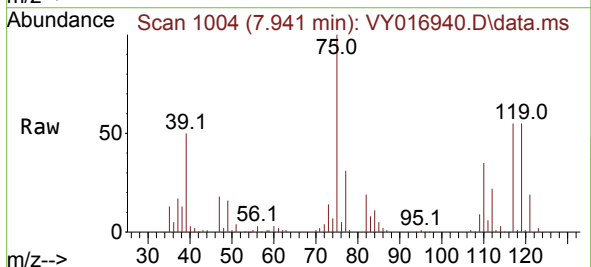
Instrument :
MSVOA_Y
ClientSampleId :

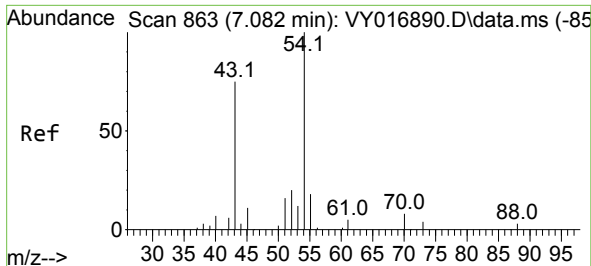
Tgt Ion:113 Resp: 67132
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 18.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 51.387 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion: 75 Resp: 105417
Ion Ratio Lower Upper
75 100
110 35.1 17.4 52.3
77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 51.789 ug/l

RT: 7.100 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

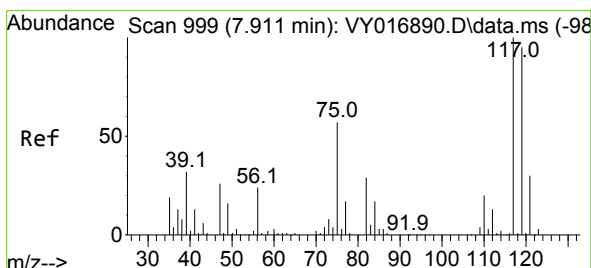
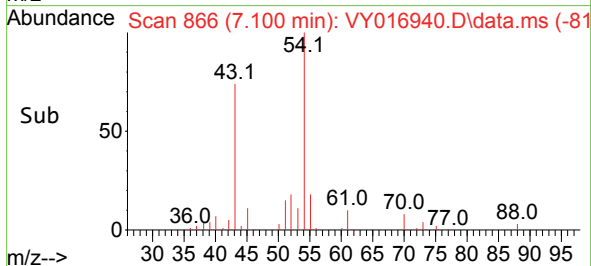
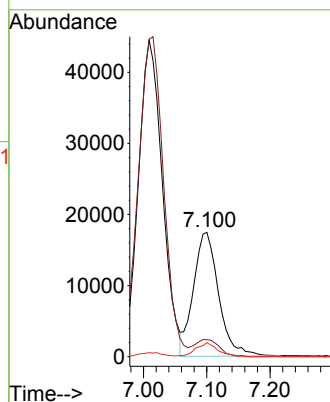
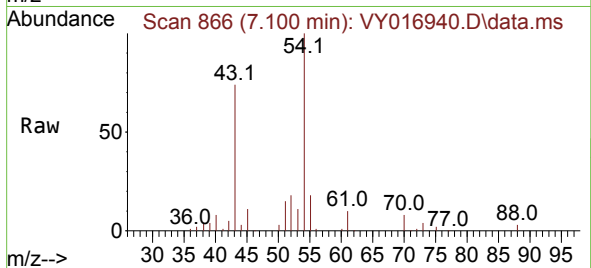
Tgt Ion: 43 Resp: 48280

Ion Ratio Lower Upper

43 100

61 13.9 11.0 16.6

70 9.8 8.1 12.1



#38

Carbon Tetrachloride

Concen: 51.236 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

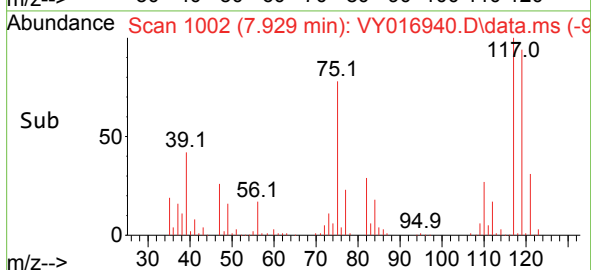
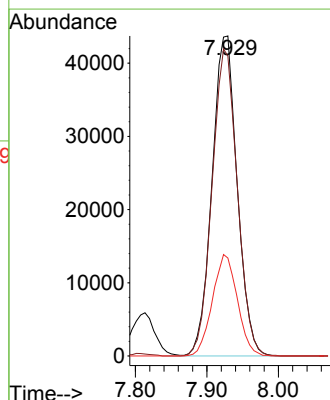
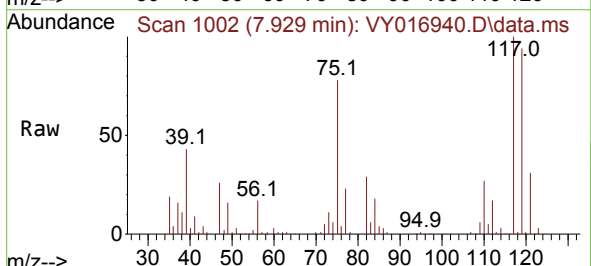
Tgt Ion:117 Resp: 106788

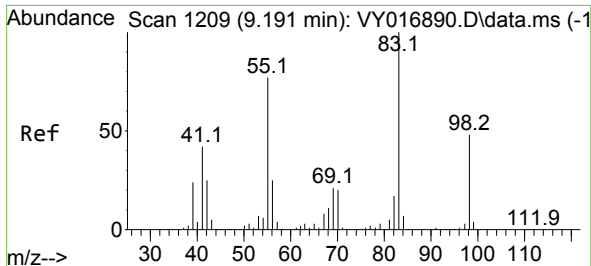
Ion Ratio Lower Upper

117 100

119 93.7 76.0 114.0

121 30.6 24.2 36.2





#39

Methylcyclohexane

Concen: 49.947 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

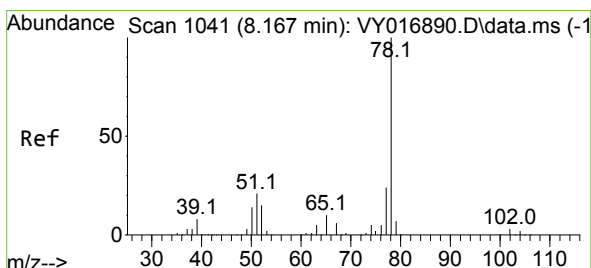
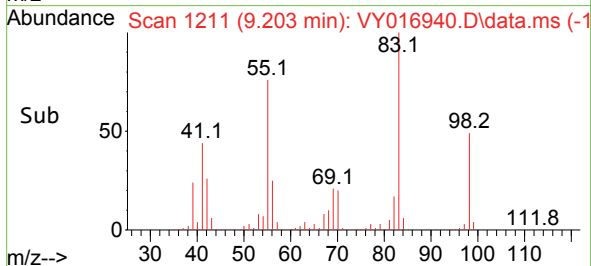
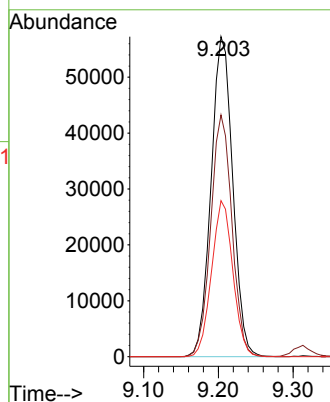
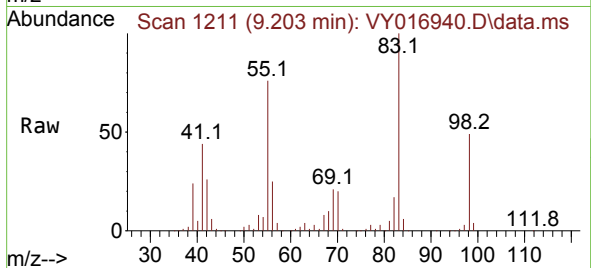
Tgt Ion: 83 Resp: 115187

Ion Ratio Lower Upper

83 100

55 75.5 59.7 89.5

98 48.7 38.0 57.0



#40

Benzene

Concen: 51.699 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016940.D

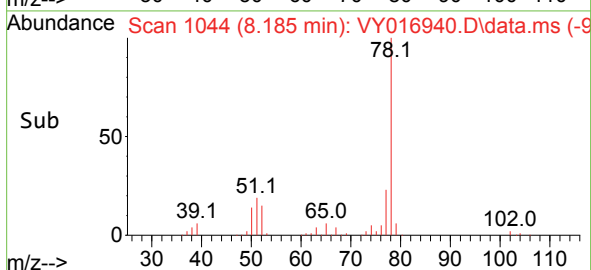
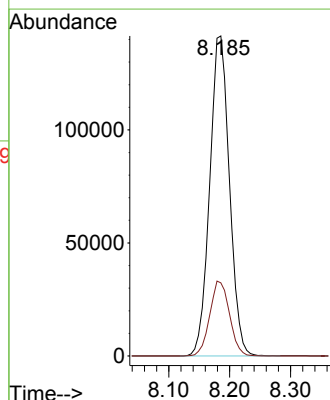
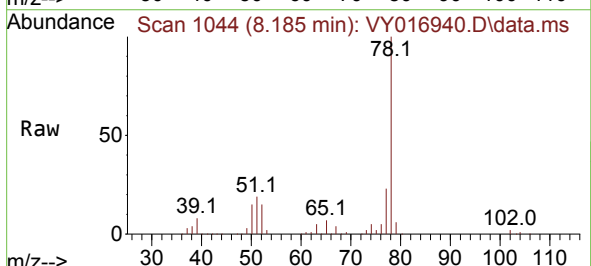
Acq: 09 Jan 2024 10:02

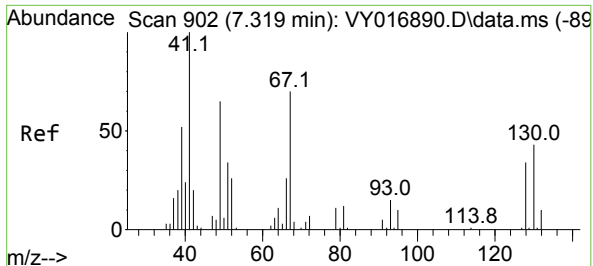
Tgt Ion: 78 Resp: 318145

Ion Ratio Lower Upper

78 100

77 22.9 18.8 28.2



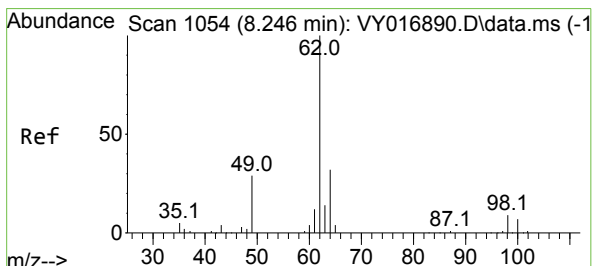
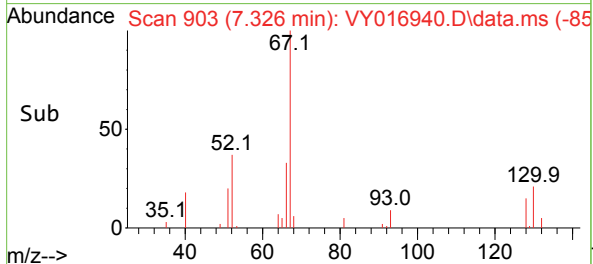
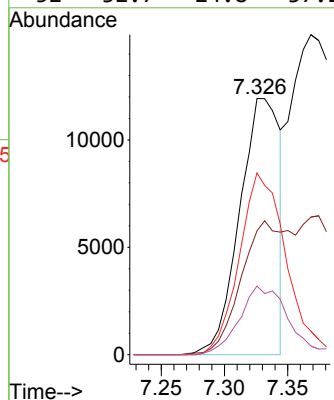
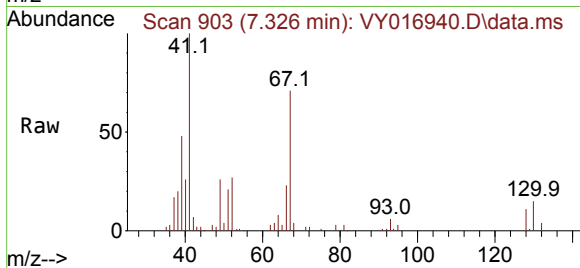


#41
Methacrylonitrile
Concen: 53.676 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 26354

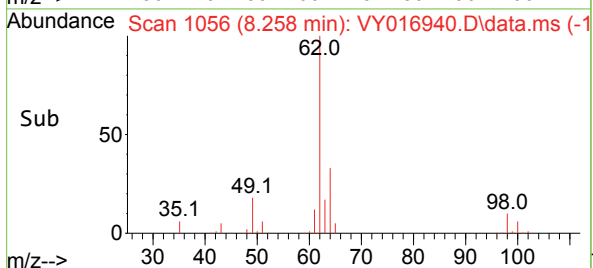
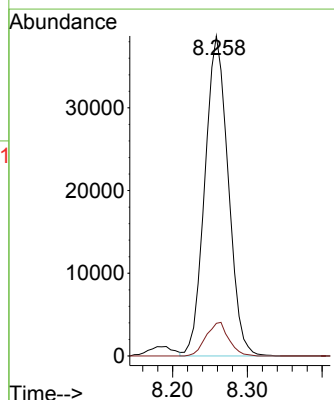
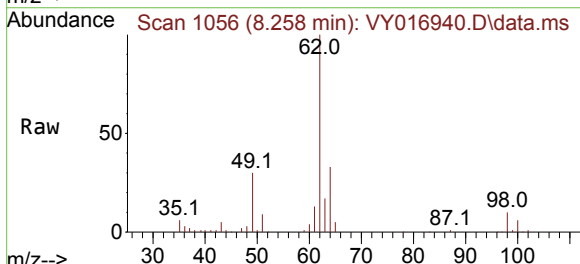
Ion	Ratio	Lower	Upper
41	100		
39	51.0	41.9	62.9
67	83.1	59.8	89.6
52	32.7	24.8	37.2

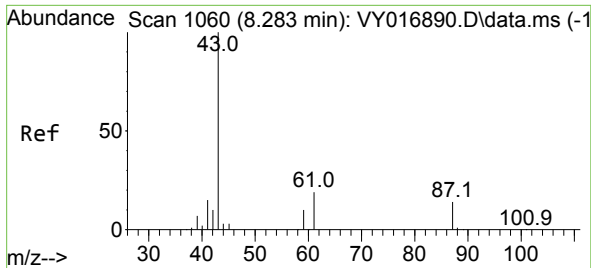


#42
1,2-Dichloroethane
Concen: 51.399 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion: 62 Resp: 83971

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2

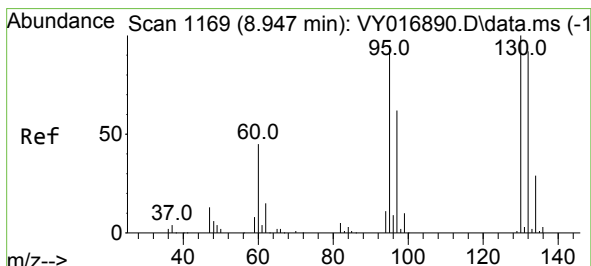
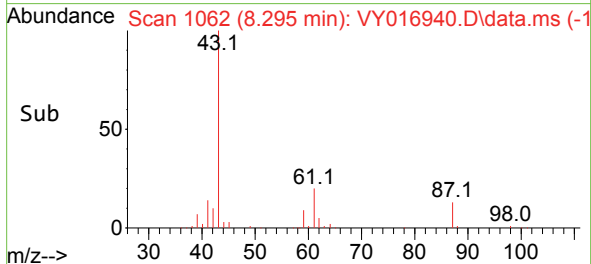
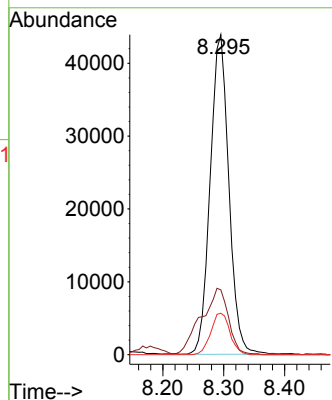
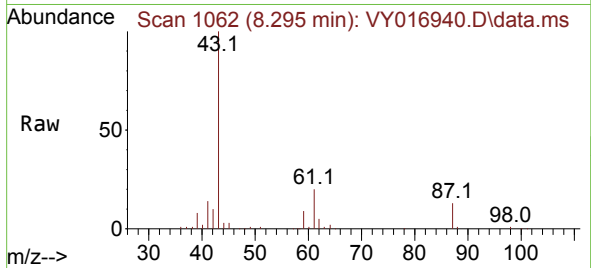




#43
Isopropyl Acetate
Concen: 52.190 ug/l
RT: 8.295 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

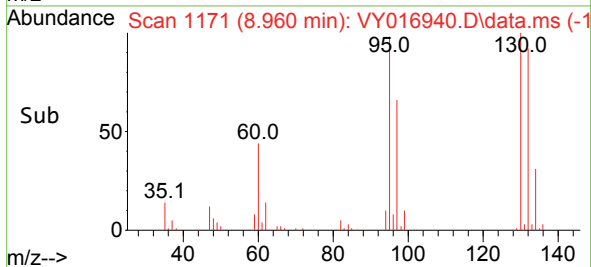
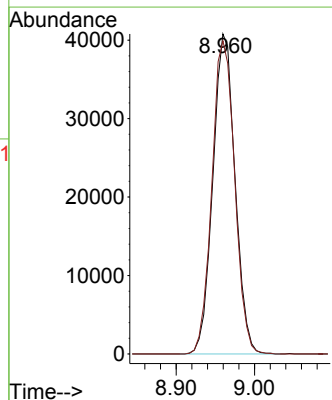
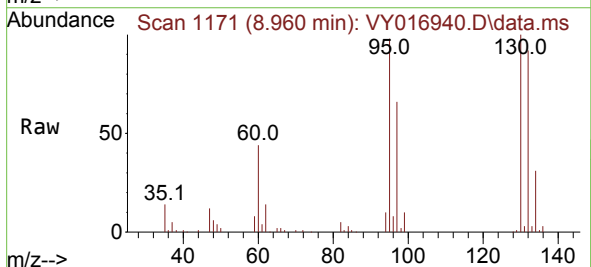
Instrument :
MSVOA_Y
ClientSampleId :

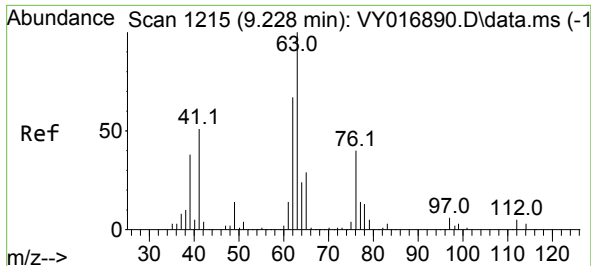
Tgt Ion: 43 Resp: 93171
Ion Ratio Lower Upper
43 100
61 30.4 24.8 37.2
87 13.3 10.7 16.1



#44
Trichloroethene
Concen: 51.330 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion:130 Resp: 80378
Ion Ratio Lower Upper
130 100
95 97.8 0.0 203.8





#45

1,2-Dichloropropane

Concen: 52.179 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

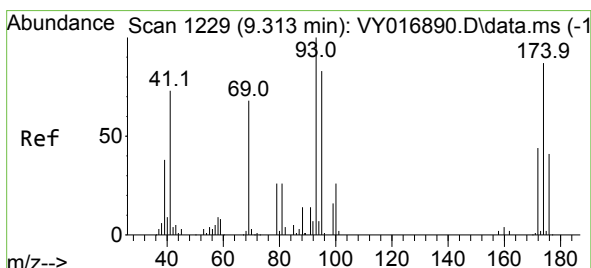
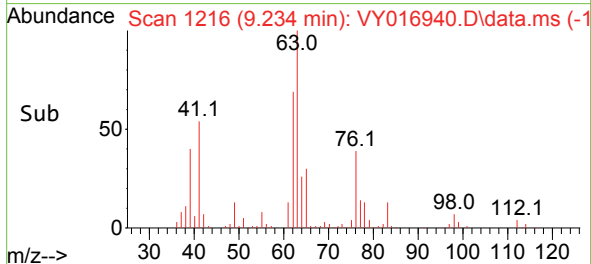
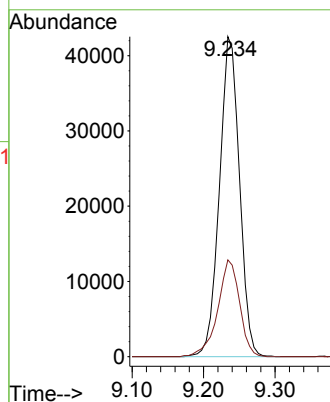
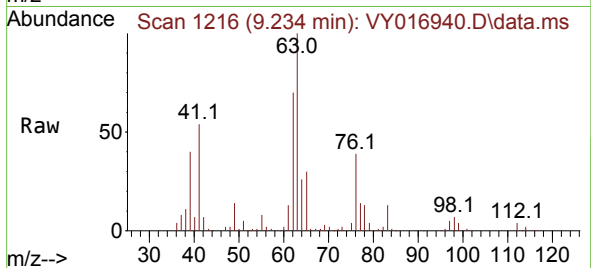
ClientSampleId :

Tgt Ion: 63 Resp: 82724

Ion Ratio Lower Upper

63 100

65 30.2 24.6 36.8



#46

Dibromomethane

Concen: 51.957 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

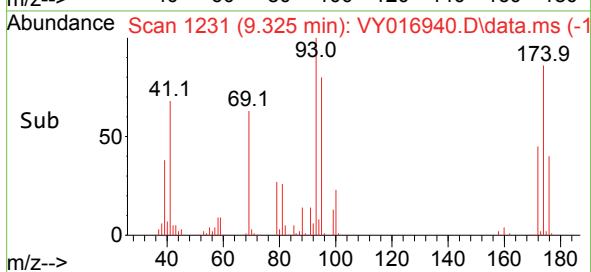
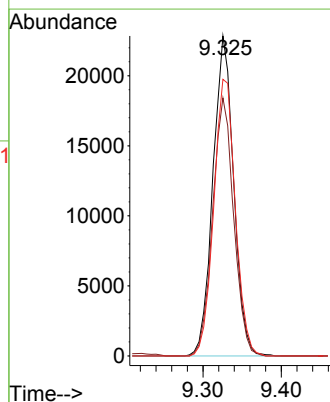
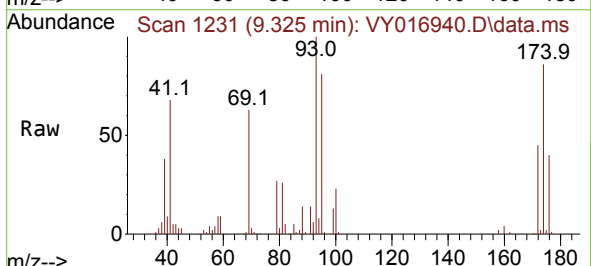
Tgt Ion: 93 Resp: 42010

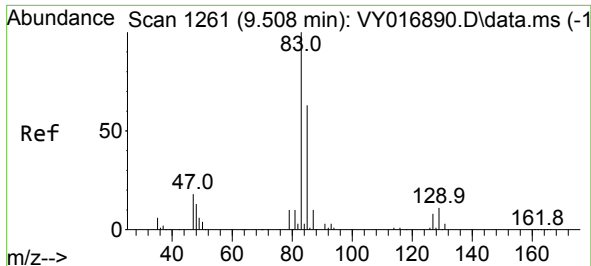
Ion Ratio Lower Upper

93 100

95 81.9 66.6 99.8

174 90.0 73.8 110.6

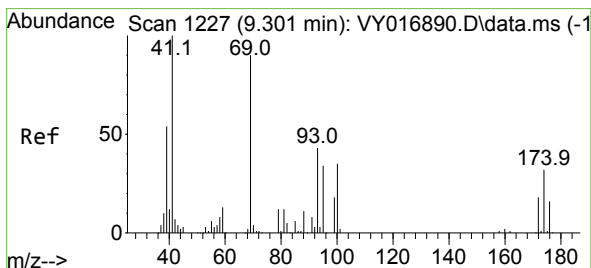
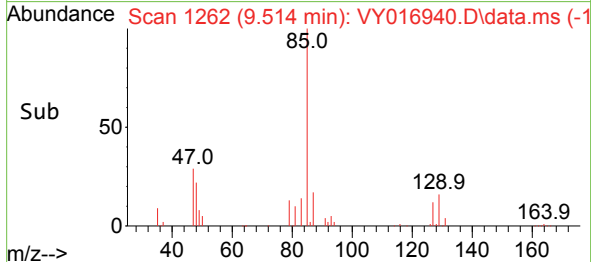
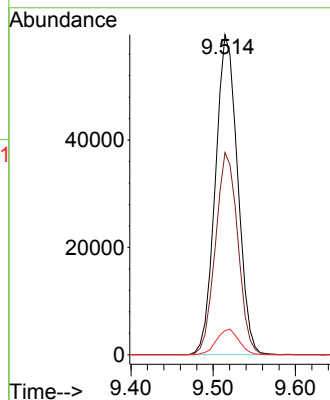
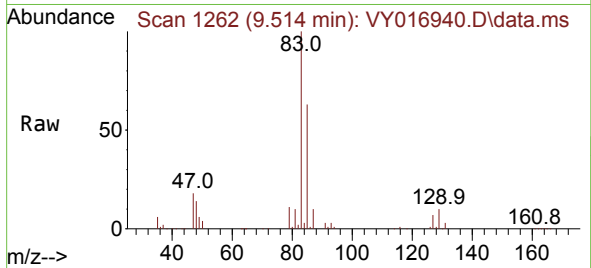




#47
Bromodichloromethane
Concen: 51.709 ug/l
RT: 9.514 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

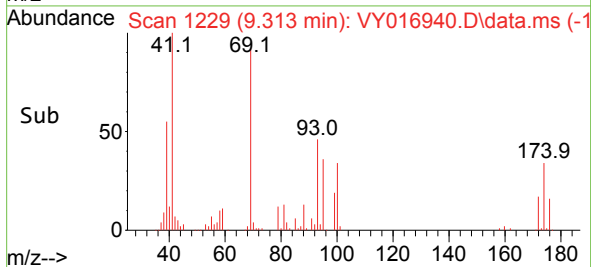
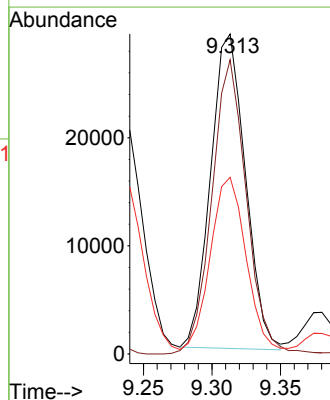
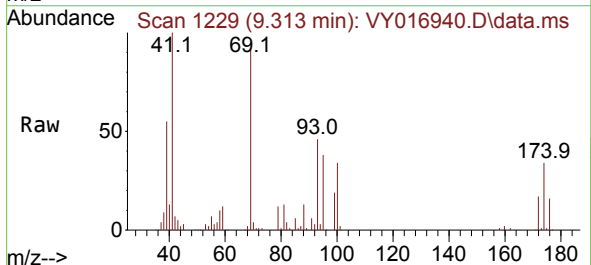
Instrument :
MSVOA_Y
ClientSampleId :

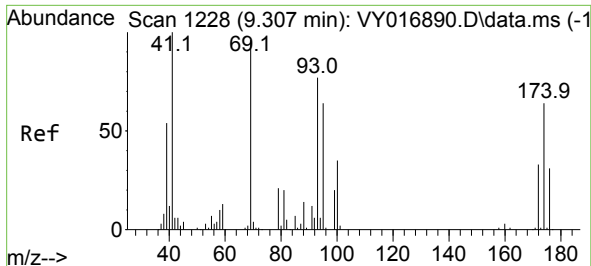
Tgt Ion: 83 Resp: 112270
Ion Ratio Lower Upper
83 100
85 63.2 53.2 79.8
127 7.5 6.4 9.6



#48
Methyl methacrylate
Concen: 53.319 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion: 41 Resp: 51370
Ion Ratio Lower Upper
41 100
69 93.0 72.1 108.1
39 58.5 42.8 64.2





#49

1,4-Dioxane

Concen: 1080.284 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

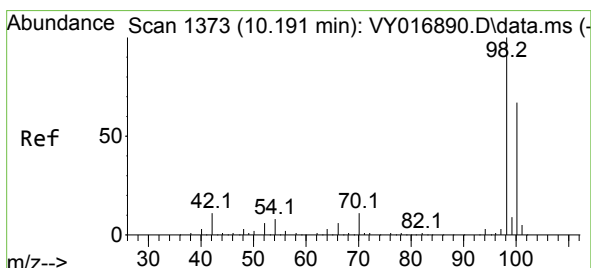
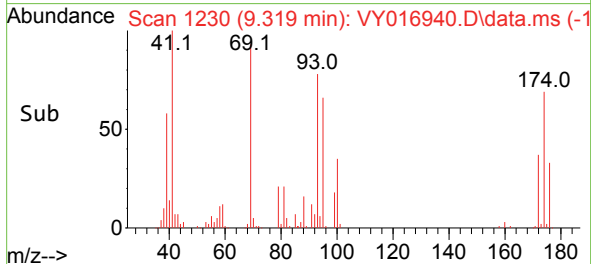
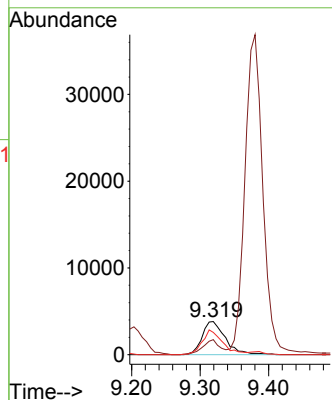
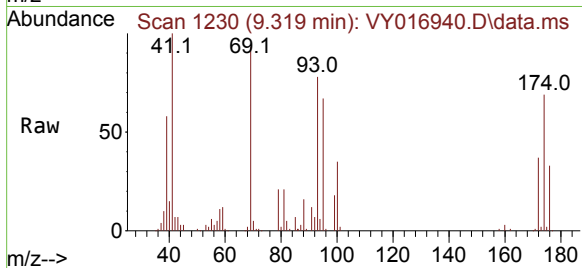
Tgt Ion: 88 Resp: 9044

Ion Ratio Lower Upper

88 100

43 33.2 28.2 42.4

58 65.8 52.2 78.2



#50

Toluene-d8

Concen: 49.713 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016940.D

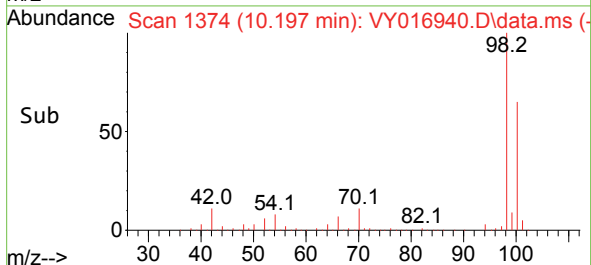
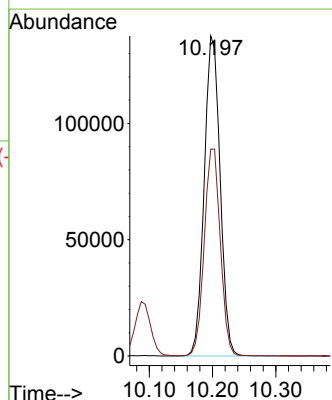
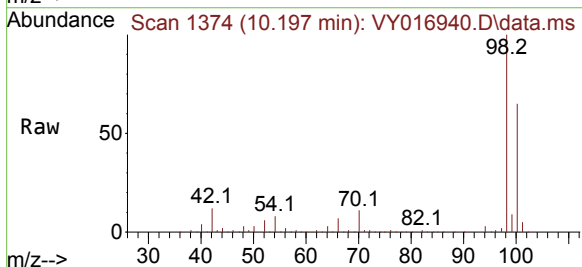
Acq: 09 Jan 2024 10:02

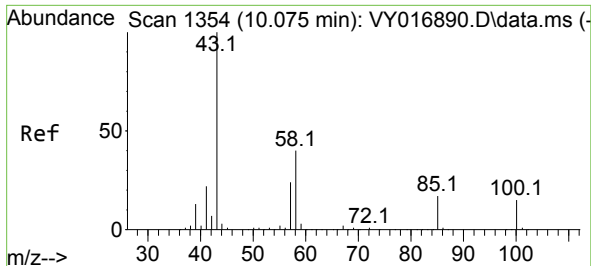
Tgt Ion: 98 Resp: 240968

Ion Ratio Lower Upper

98 100

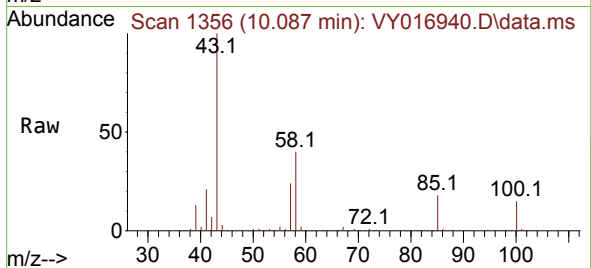
100 65.5 52.3 78.5



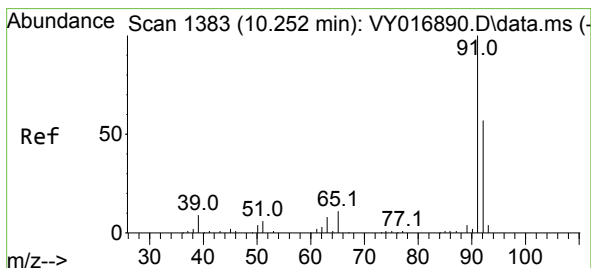
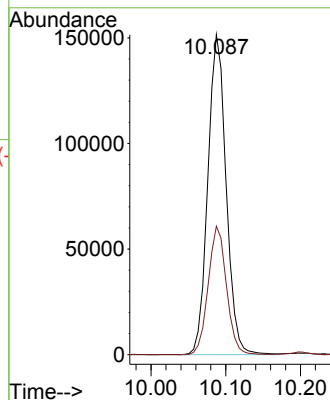
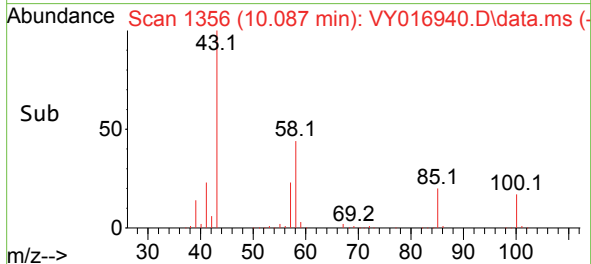


#51
4-Methyl-2-Pentanone
Concen: 271.470 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Instrument :
MSVOA_Y
ClientSampleId :

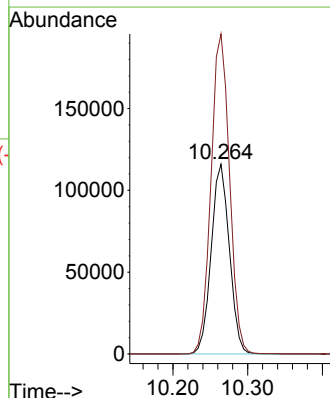
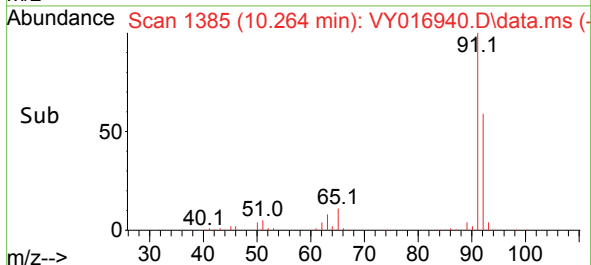
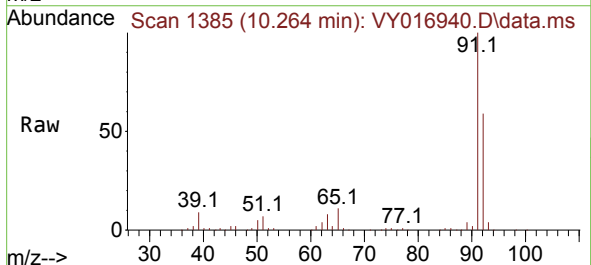


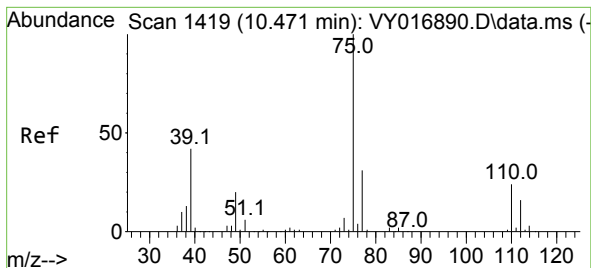
Tgt Ion: 43 Resp: 257740
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2



#52
Toluene
Concen: 52.763 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion: 92 Resp: 195956
Ion Ratio Lower Upper
92 100
91 172.0 137.6 206.4

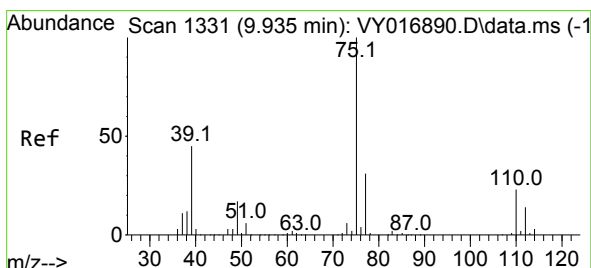
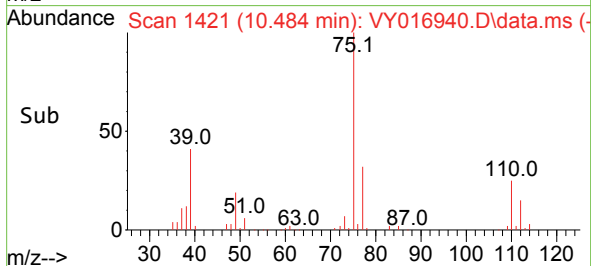
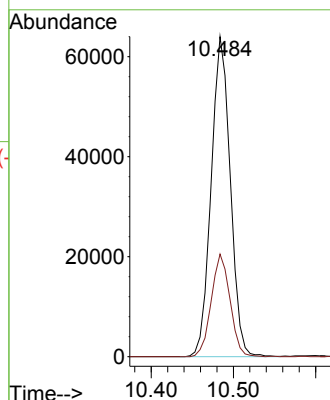
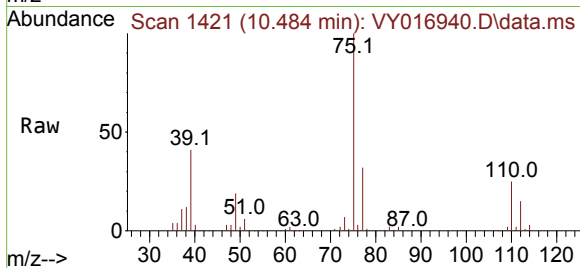




#53
t-1,3-Dichloropropene
Concen: 53.320 ug/l
RT: 10.484 min Scan# 1419
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

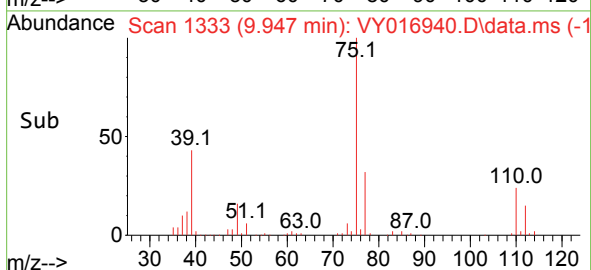
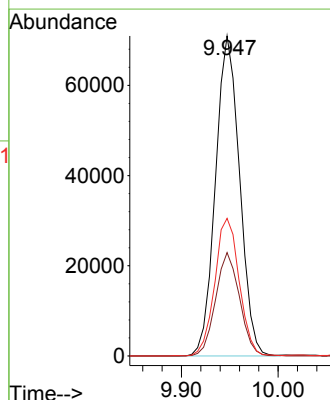
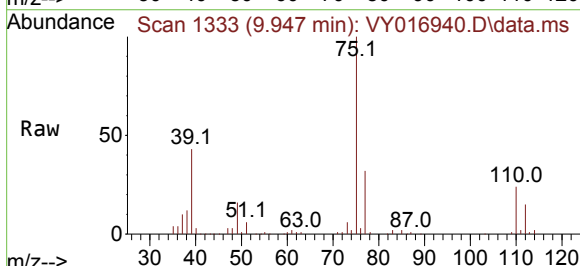
Instrument :
MSVOA_Y
ClientSampleId :

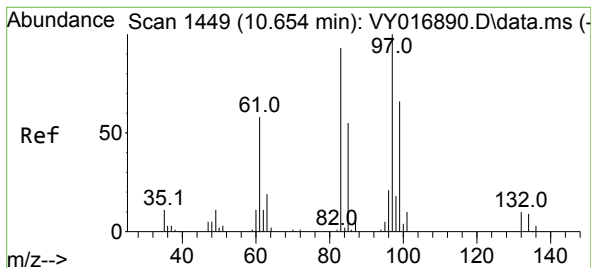
Tgt Ion: 75 Resp: 103697
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 52.620 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion: 75 Resp: 122898
Ion Ratio Lower Upper
75 100
77 32.3 24.6 36.8
39 42.9 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 52.079 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

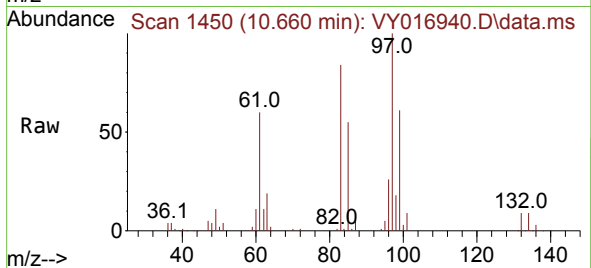
Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 61517

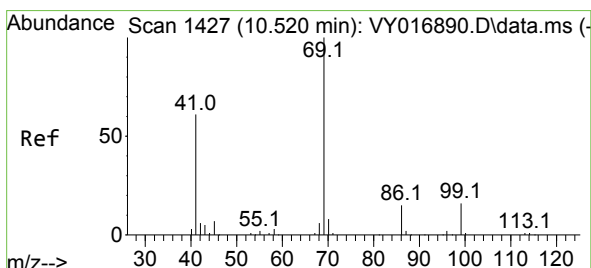
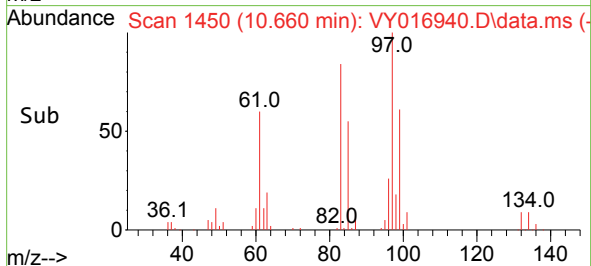
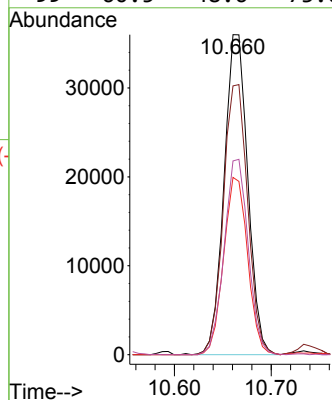
Ion Ratio Lower Upper

97 100

83 84.0 69.4 104.2

85 55.4 43.9 65.9

99 60.5 48.6 73.0



#56

Ethyl methacrylate

Concen: 55.055 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

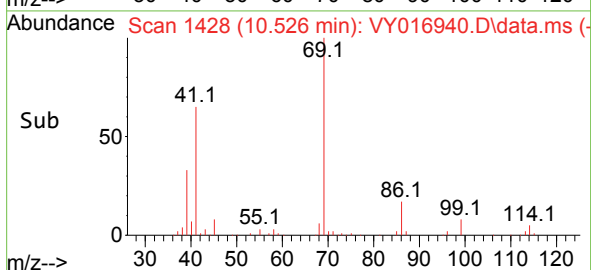
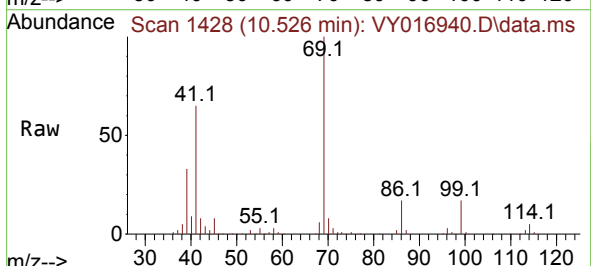
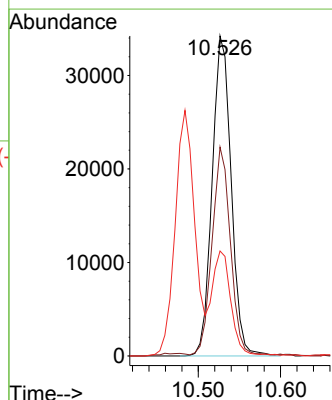
Tgt Ion: 69 Resp: 55083

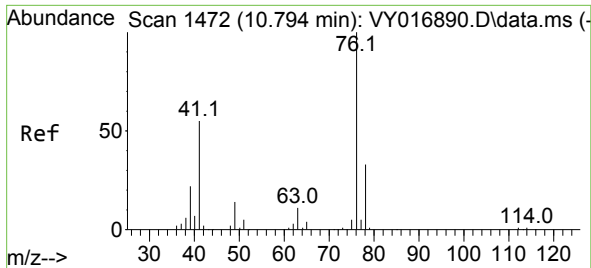
Ion Ratio Lower Upper

69 100

41 62.3 49.2 73.8

39 32.1 26.8 40.2

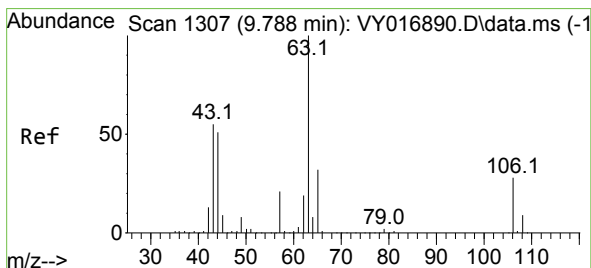
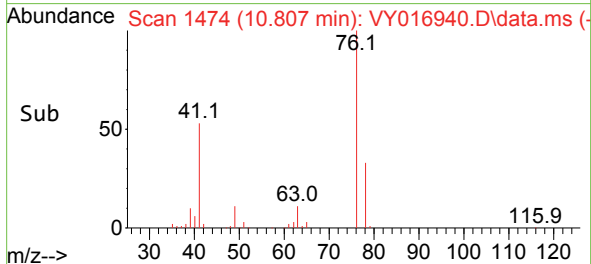
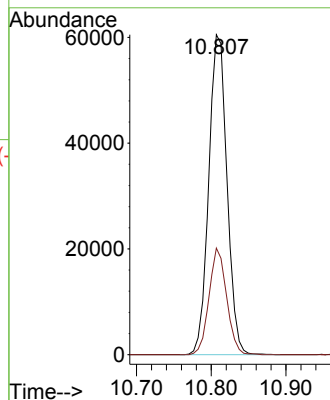
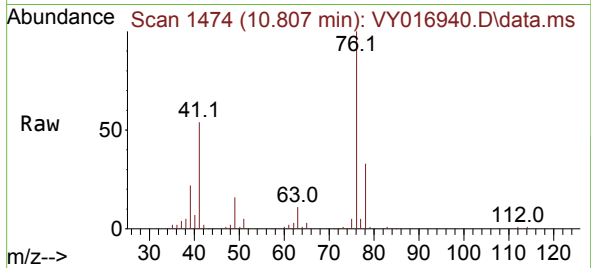




#57
1,3-Dichloropropane
Concen: 51.956 ug/l
RT: 10.807 min Scan# 1472
Delta R.T. 0.007 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

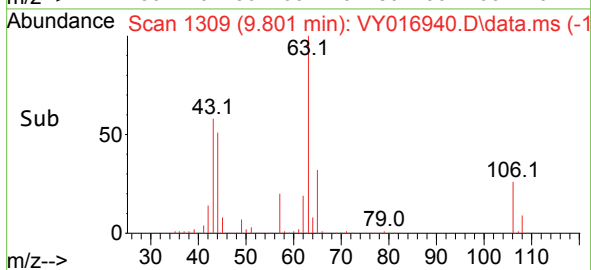
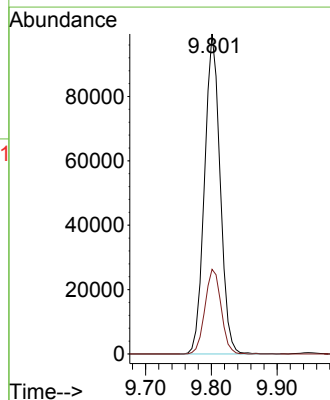
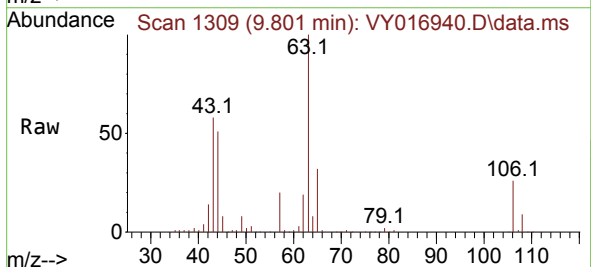
Instrument :
MSVOA_Y
ClientSampleId :

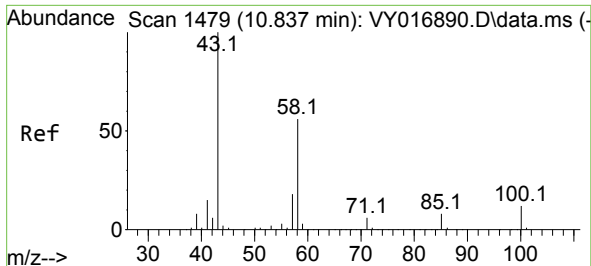
Tgt Ion: 76 Resp: 102465
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 259.690 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion: 63 Resp: 163952
Ion Ratio Lower Upper
63 100
106 27.3 22.4 33.6

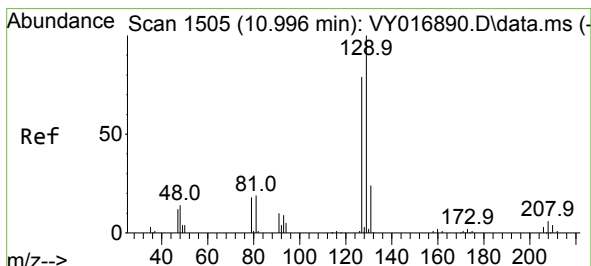
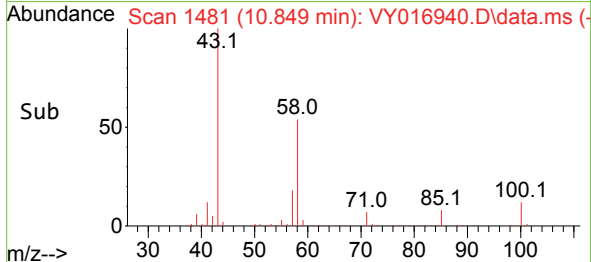
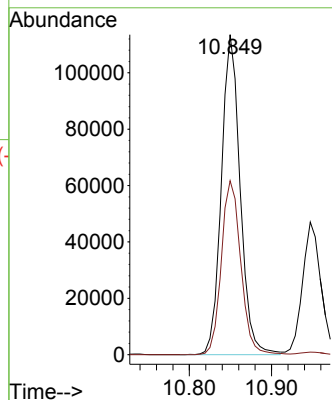
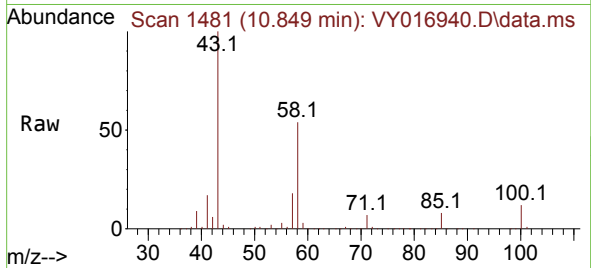




#59
2-Hexanone
Concen: 257.787 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

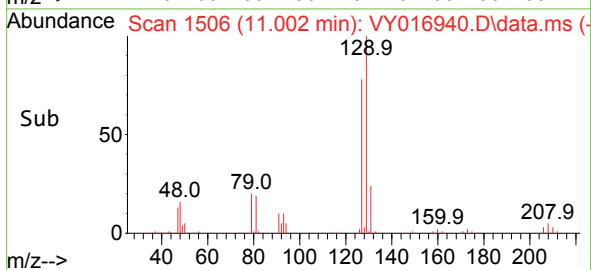
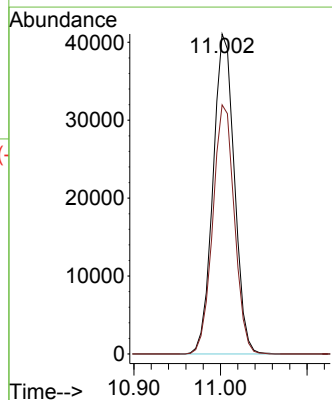
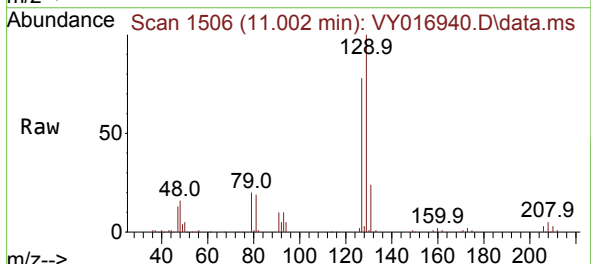
Instrument :
MSVOA_Y
ClientSampleId :

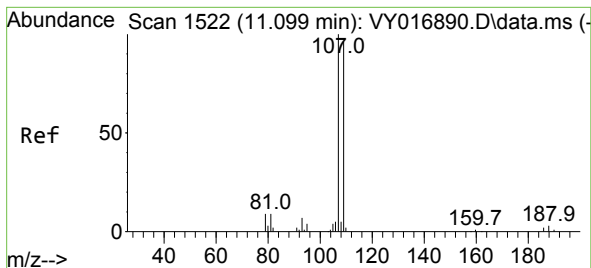
Tgt Ion: 43 Resp: 180216
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.3



#60
Dibromochloromethane
Concen: 51.588 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion:129 Resp: 70273
Ion Ratio Lower Upper
129 100
127 78.8 39.2 117.6





#61

1,2-Dibromoethane

Concen: 52.356 ug/l

RT: 11.106 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

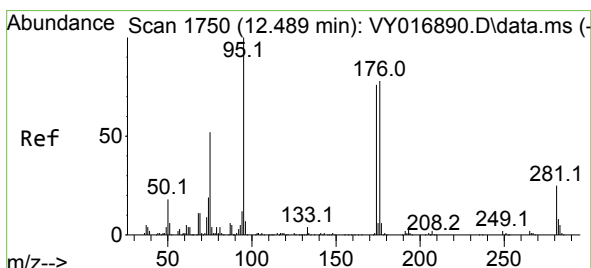
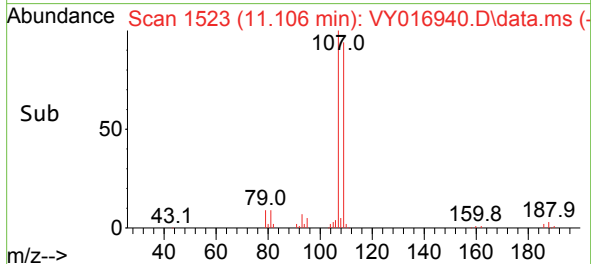
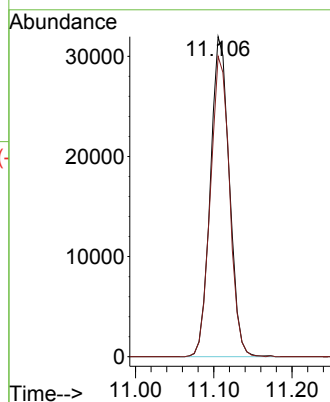
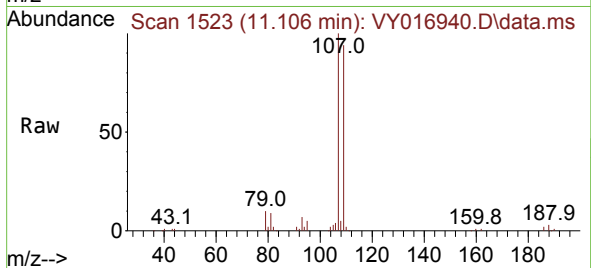
ClientSampleId :

Tgt Ion:107 Resp: 53732

Ion Ratio Lower Upper

107 100

109 94.7 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 47.336 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.013 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

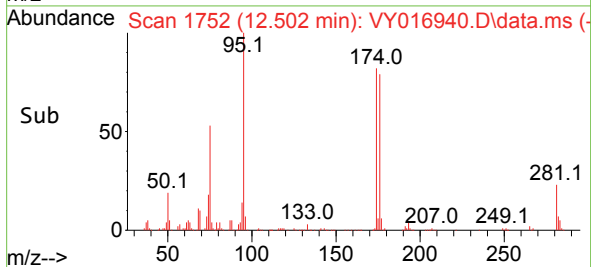
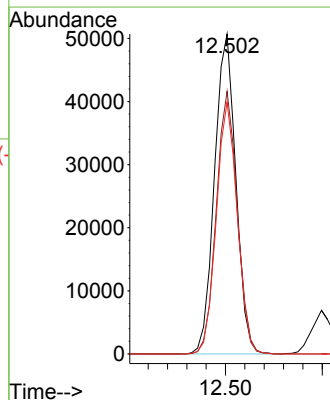
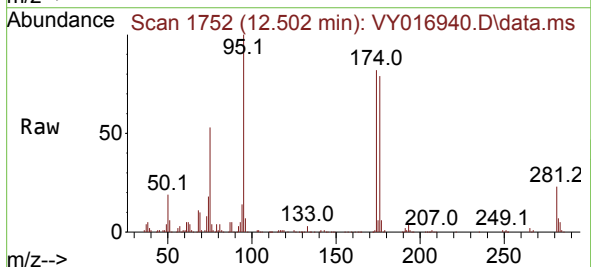
Tgt Ion: 95 Resp: 77413

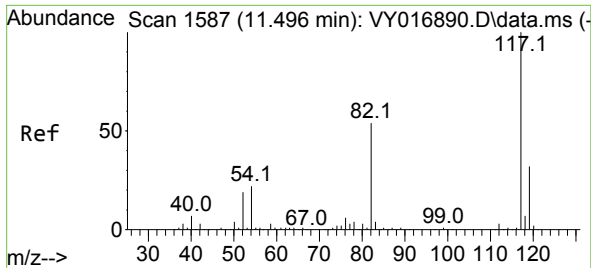
Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.0

176 77.1 0.0 151.8

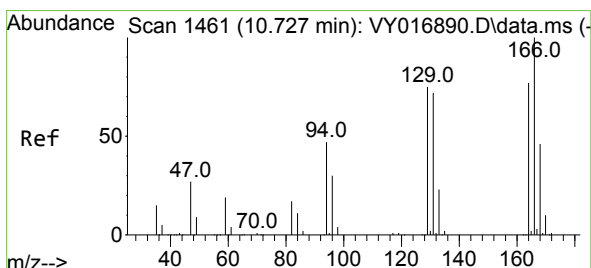
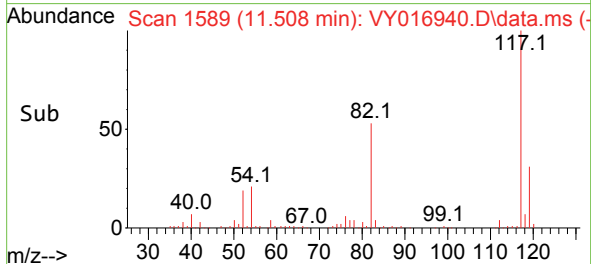
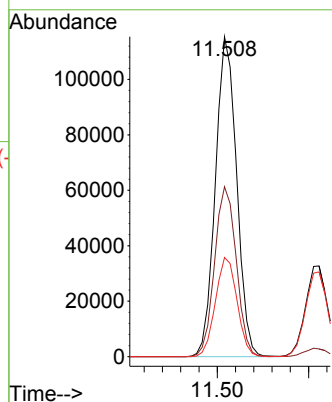
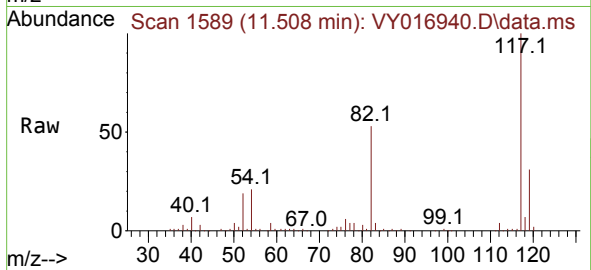




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

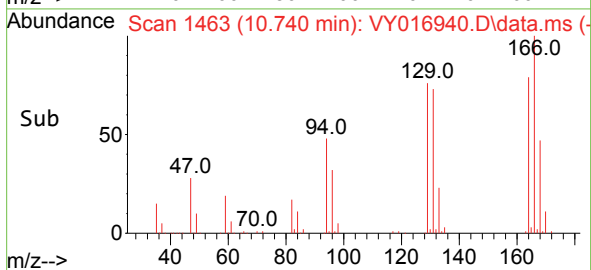
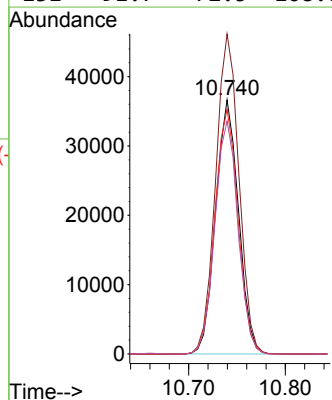
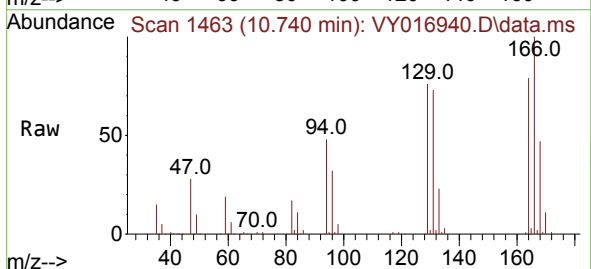
Instrument :
MSVOA_Y
ClientSampleId :

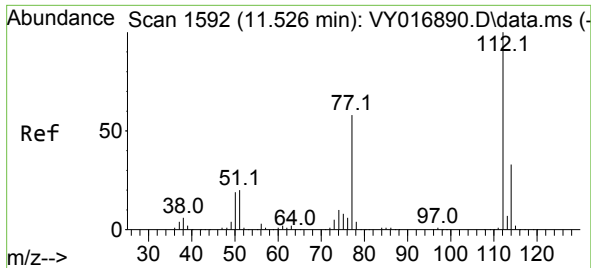
Tgt Ion:117 Resp: 186266
Ion Ratio Lower Upper
117 100
82 53.1 43.8 65.8
119 31.0 26.5 39.7



#64
Tetrachloroethene
Concen: 49.839 ug/l
RT: 10.740 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion:164 Resp: 60185
Ion Ratio Lower Upper
164 100
166 126.0 98.8 148.2
129 96.2 78.9 118.3
131 91.7 72.5 108.7

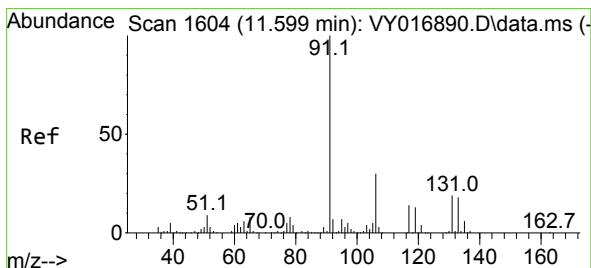
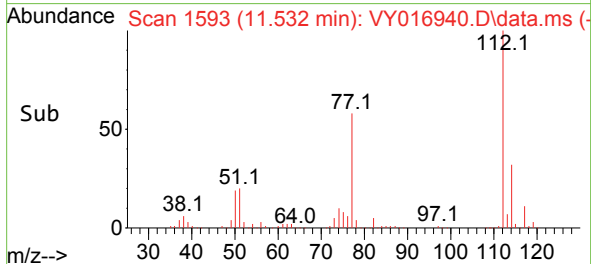
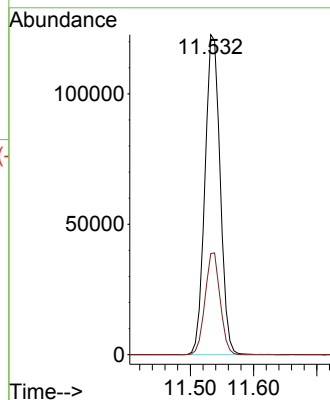
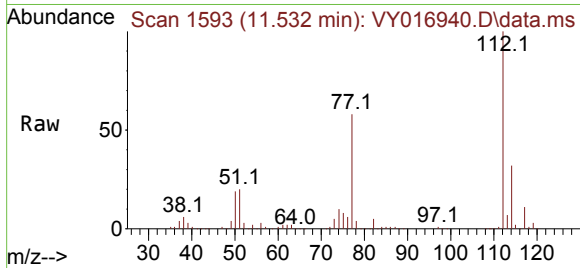




#65
Chlorobenzene
Concen: 52.968 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

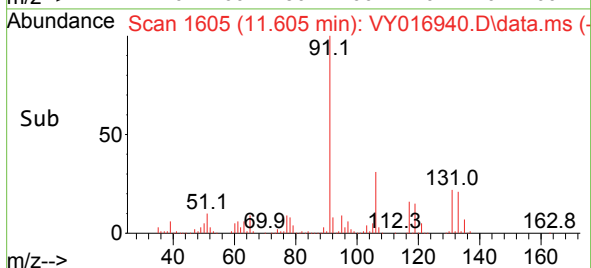
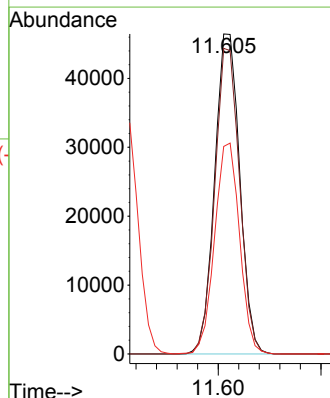
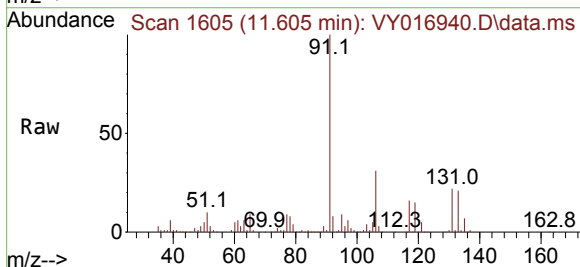
Instrument :
MSVOA_Y
ClientSampleId :

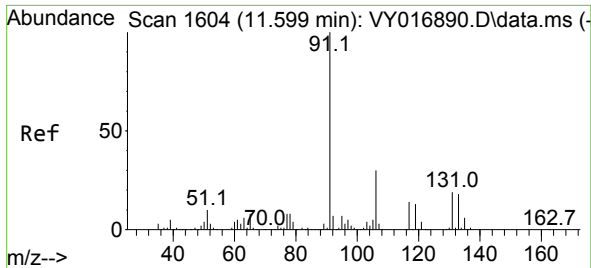
Tgt Ion:112 Resp: 205531
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.338 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion:131 Resp: 78676
Ion Ratio Lower Upper
131 100
133 94.6 47.0 141.0
119 65.6 33.3 99.9

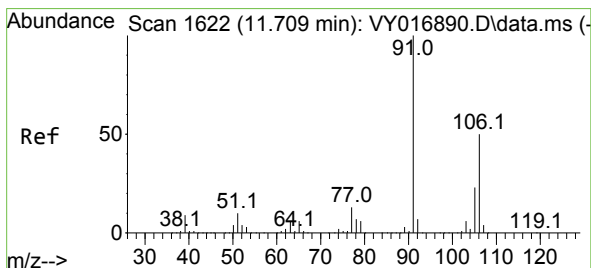
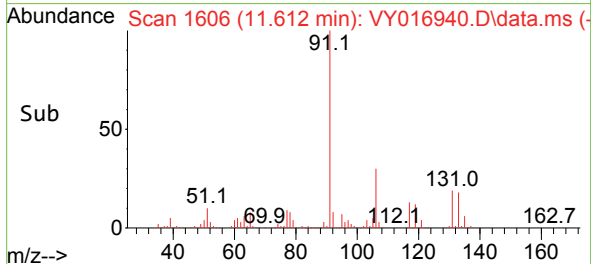
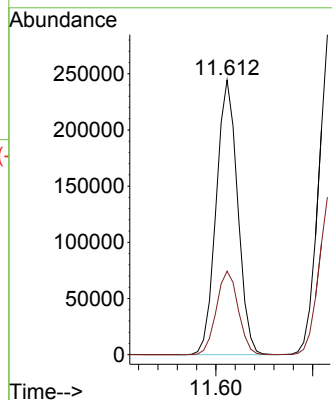
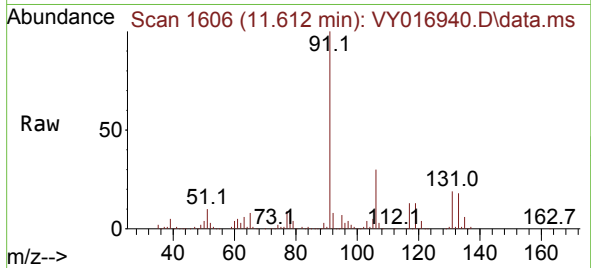




#67
Ethyl Benzene
Concen: 53.761 ug/l
RT: 11.612 min Scan# 1606
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

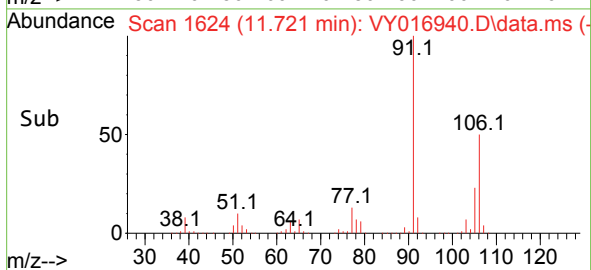
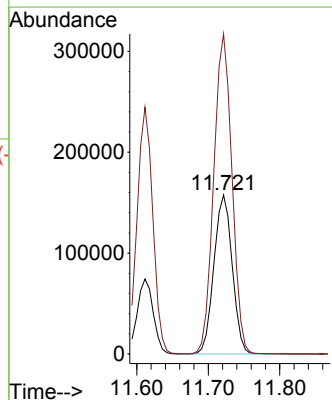
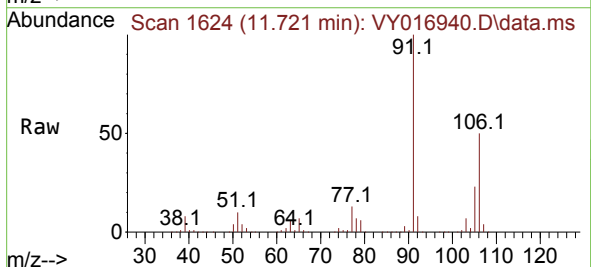
Instrument :
MSVOA_Y
ClientSampleId :

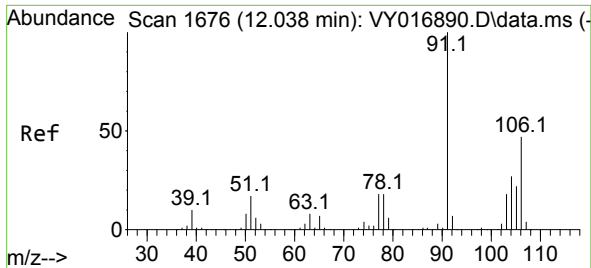
Tgt Ion: 91 Resp: 375563
Ion Ratio Lower Upper
91 100
106 30.4 25.0 37.4



#68
m/p-Xylenes
Concen: 109.127 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.012 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion:106 Resp: 279826
Ion Ratio Lower Upper
106 100
91 200.3 160.7 241.1

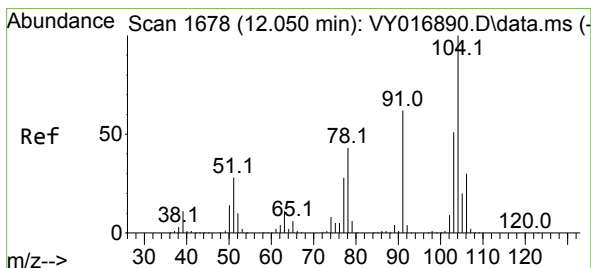
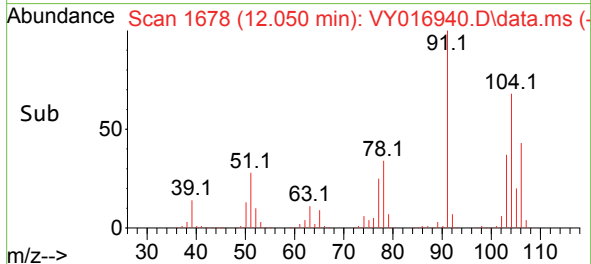
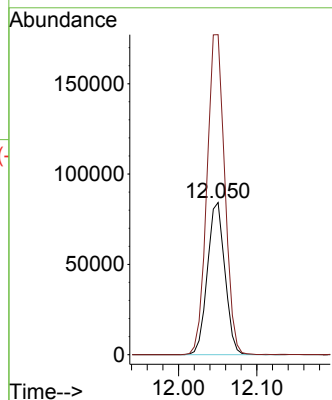
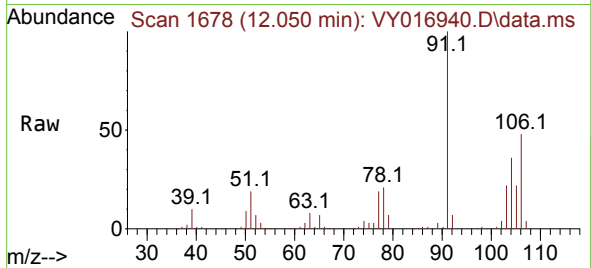




#69
o-Xylene
Concen: 54.231 ug/l
RT: 12.050 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

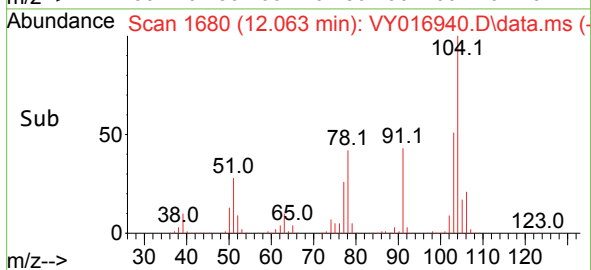
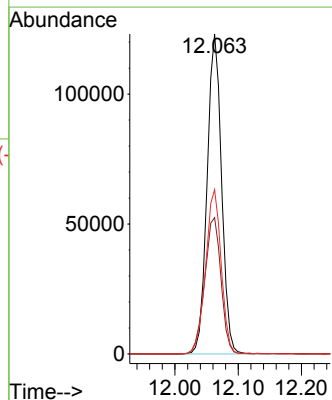
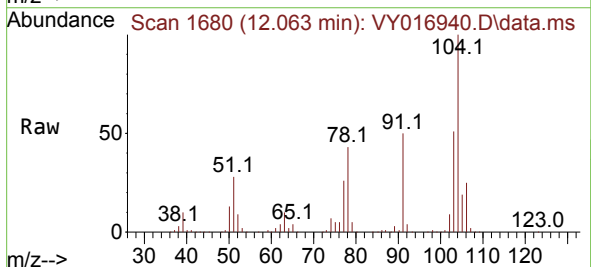
Instrument :
MSVOA_Y
ClientSampleId :

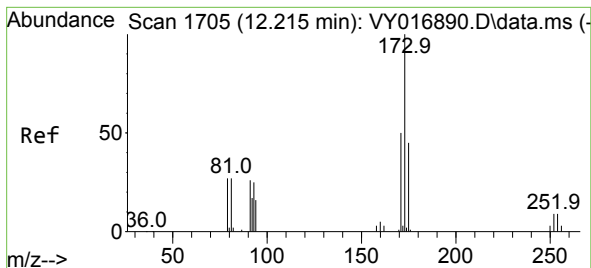
Tgt Ion:106 Resp: 130365
Ion Ratio Lower Upper
106 100
91 214.2 106.5 319.5



#70
Styrene
Concen: 55.937 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion:104 Resp: 195706
Ion Ratio Lower Upper
104 100
78 48.3 39.2 58.8
103 55.3 43.8 65.6





#71

Bromoform

Concen: 53.858 ug/l

RT: 12.227 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

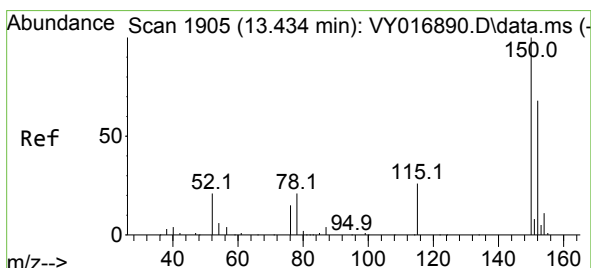
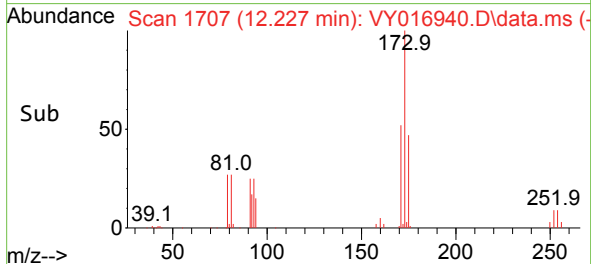
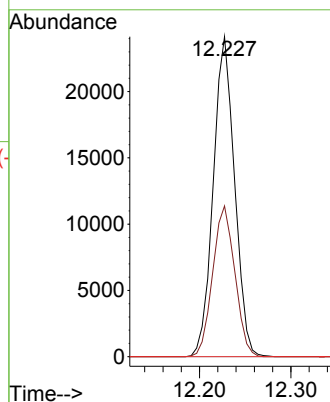
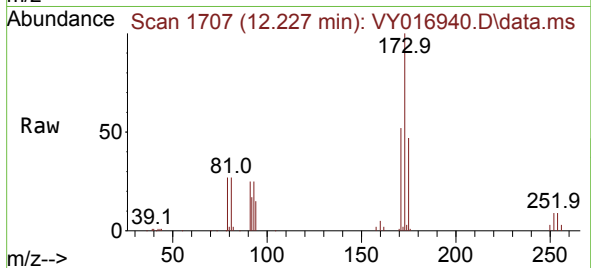
Tgt Ion:173 Resp: 39109

Ion Ratio Lower Upper

173 100

175 48.8 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

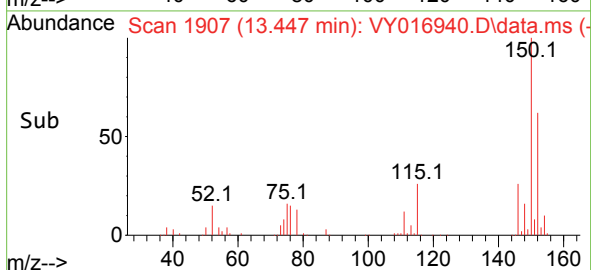
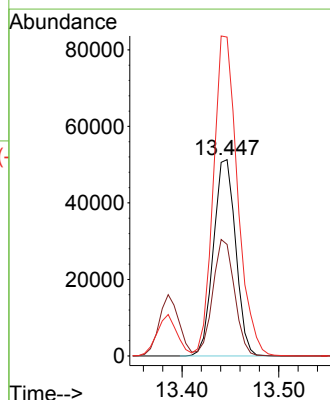
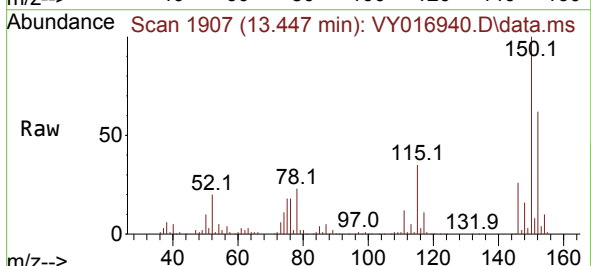
Tgt Ion:152 Resp: 81741

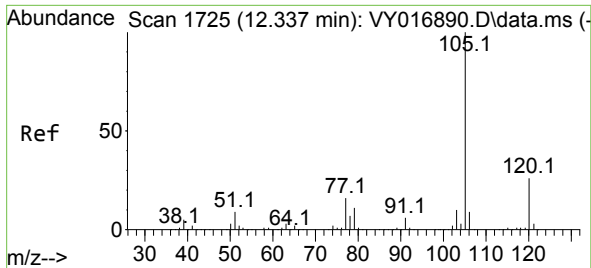
Ion Ratio Lower Upper

152 100

115 58.1 30.0 90.0

150 177.4 0.0 344.6

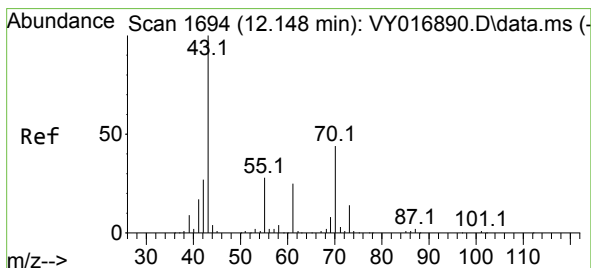
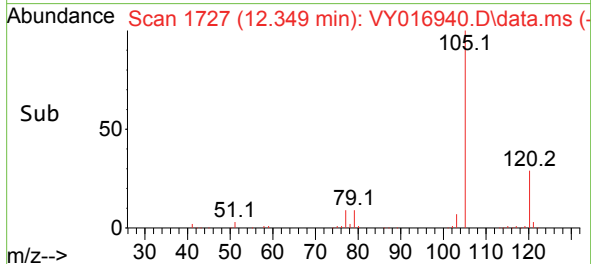
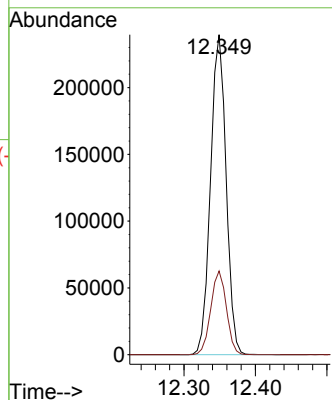
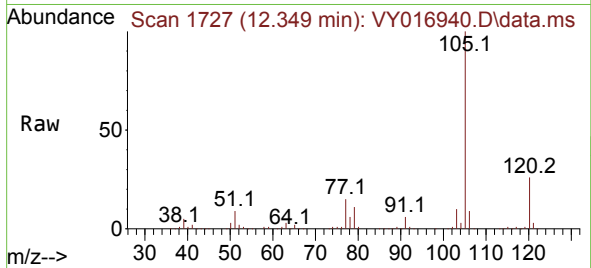




#73
Isopropylbenzene
Concen: 54.222 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.012 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

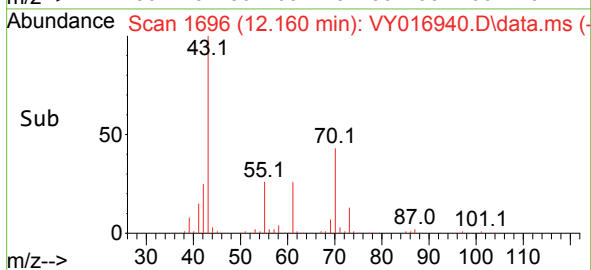
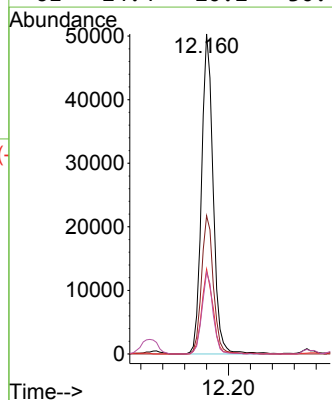
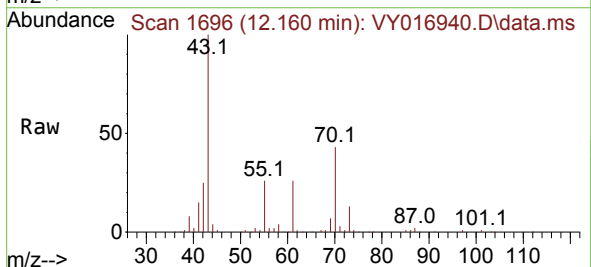
Instrument :
MSVOA_Y
ClientSampleId :

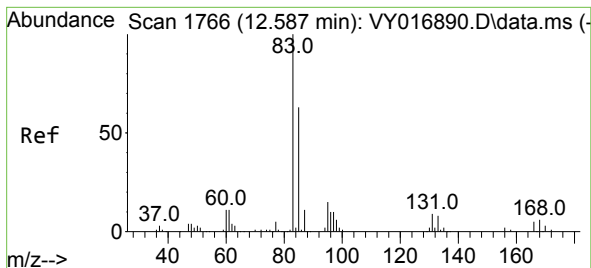
Tgt Ion:105 Resp: 361931
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 55.243 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion: 43 Resp: 74087
Ion Ratio Lower Upper
43 100
70 44.0 36.6 55.0
55 26.0 22.2 33.4
61 24.4 20.2 30.4

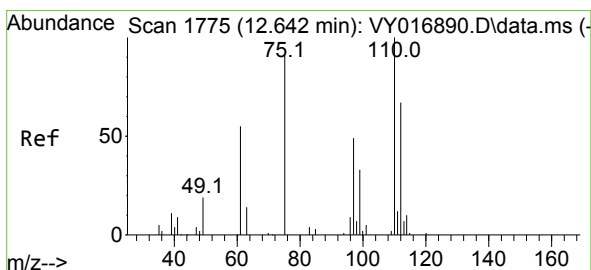
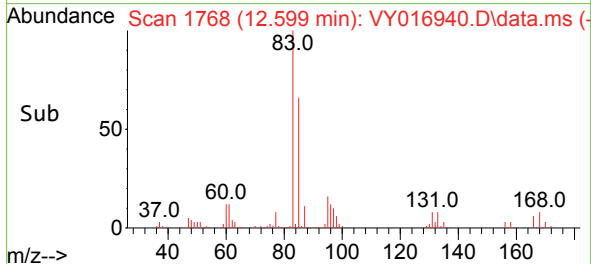
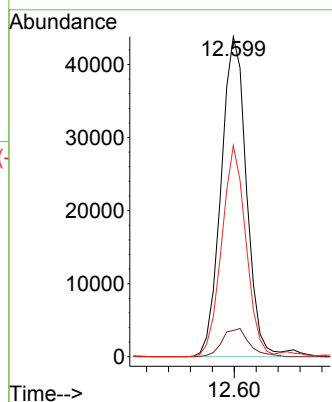
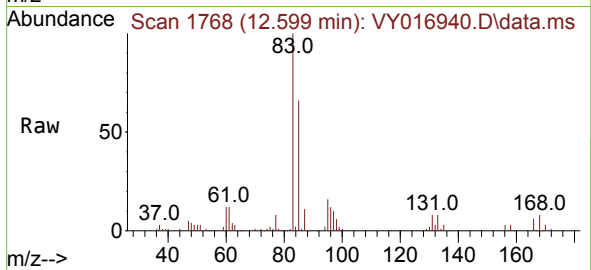




#75
1,1,2,2-Tetrachloroethane
Concen: 51.626 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

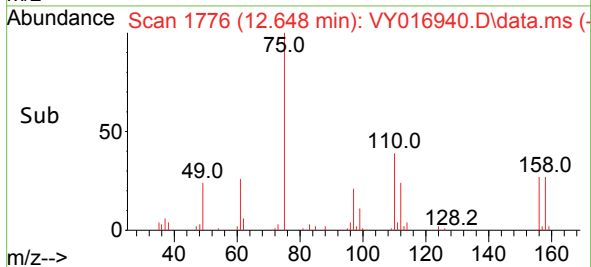
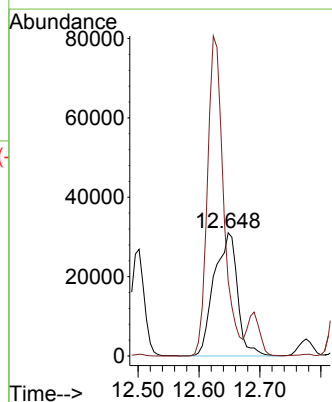
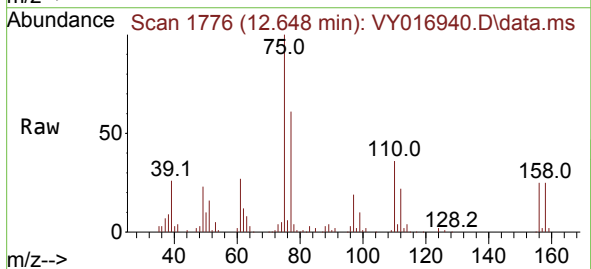
Instrument :
MSVOA_Y
ClientSampleId :

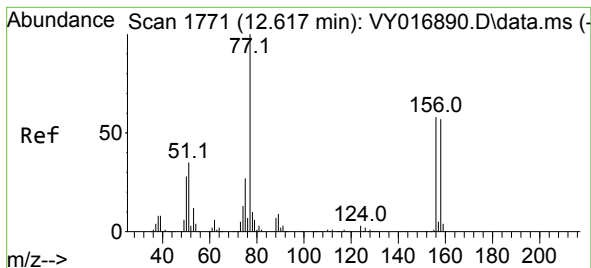
Tgt Ion: 83 Resp: 70214
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.6
85 63.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 93.281 ug/l
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion: 75 Resp: 82744
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.088 ug/l

RT: 12.630 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY016940.D

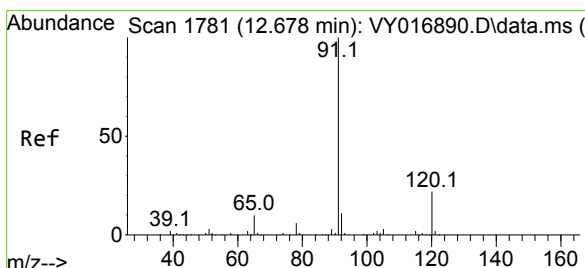
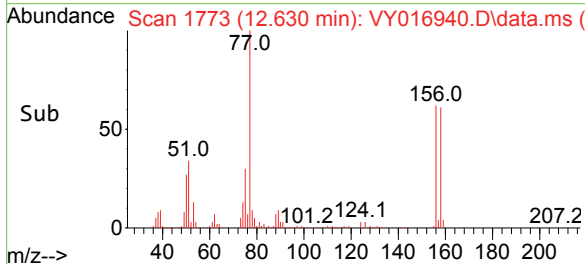
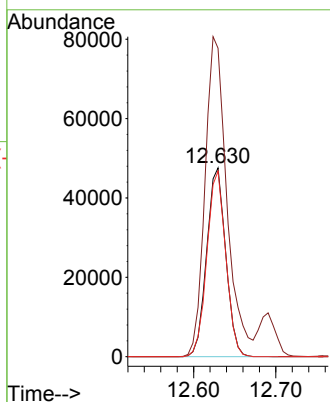
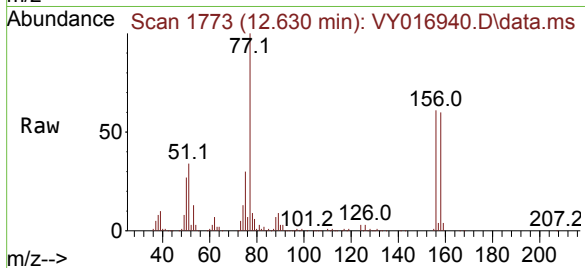
Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	76551
Ion	Ratio	Lower	Upper
156	100		
77	194.7	97.3	291.8
158	97.2	48.4	145.0



#78

n-propylbenzene

Concen: 53.115 ug/l

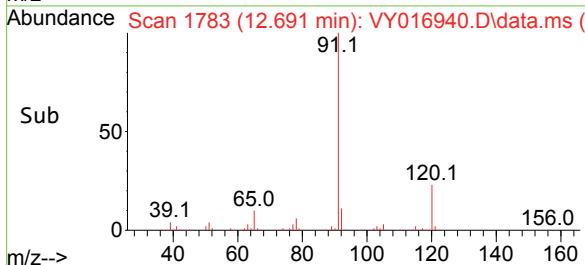
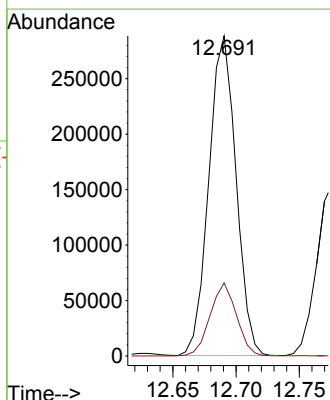
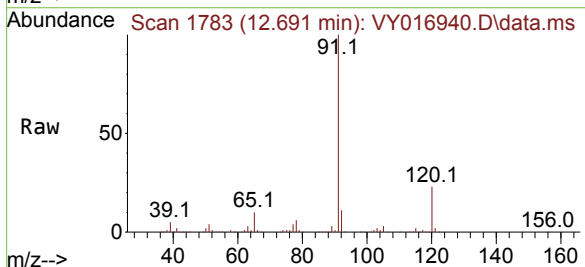
RT: 12.691 min Scan# 1783

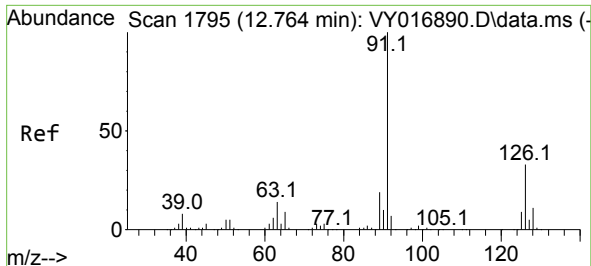
Delta R.T. 0.013 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Tgt Ion:	91	Resp:	431021
Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.0	33.0

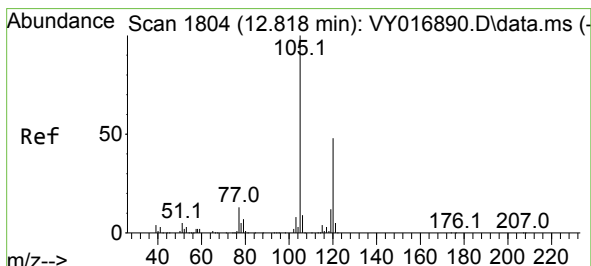
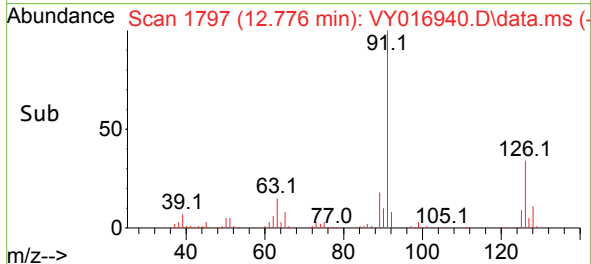
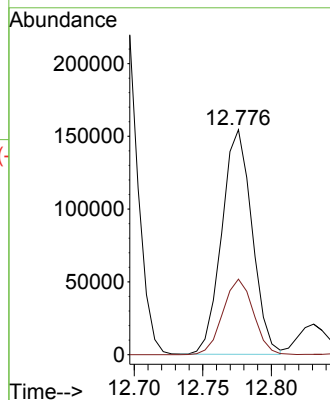
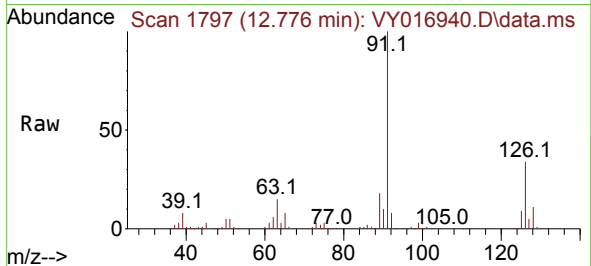




#79
2-Chlorotoluene
Concen: 52.821 ug/l
RT: 12.776 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

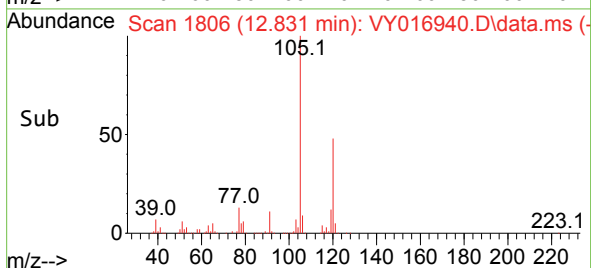
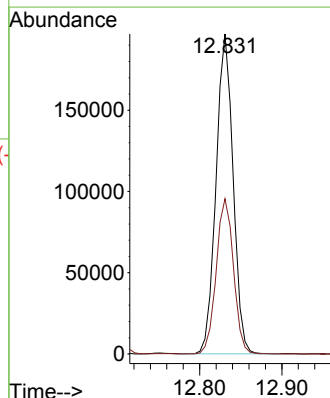
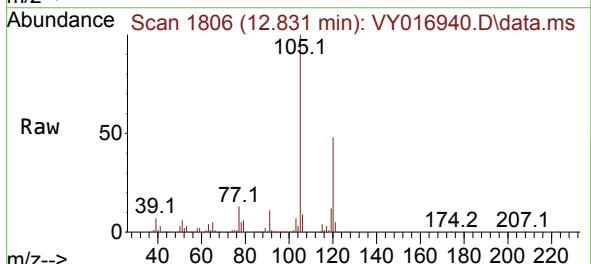
Instrument :
MSVOA_Y
ClientSampleId :

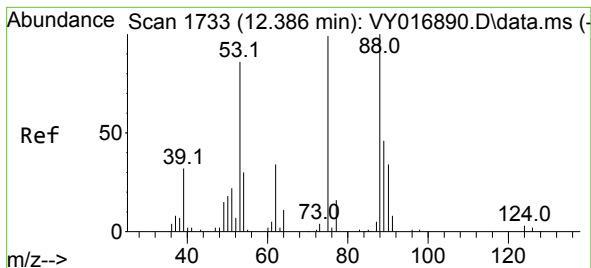
Tgt Ion: 91 Resp: 237690
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 53.688 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion:105 Resp: 283426
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.8

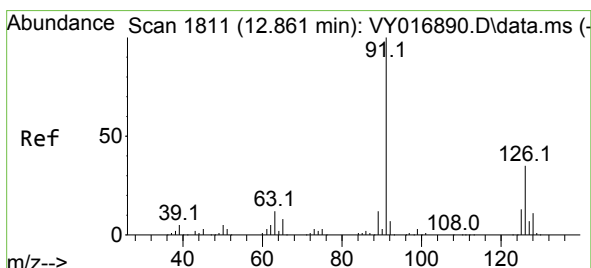
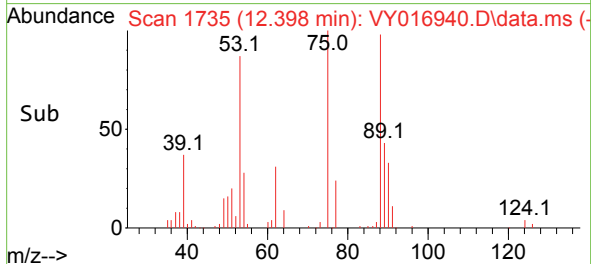
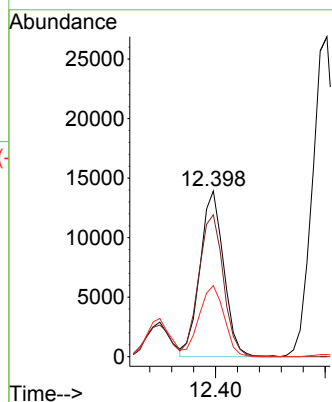
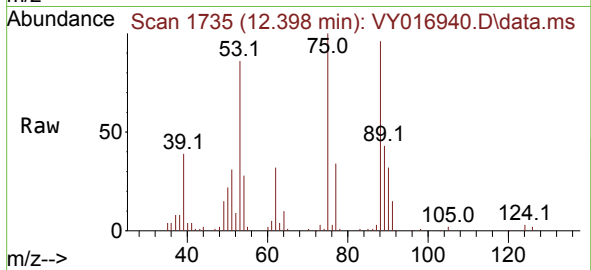




#81
trans-1,4-Dichloro-2-butene
Concen: 53.454 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

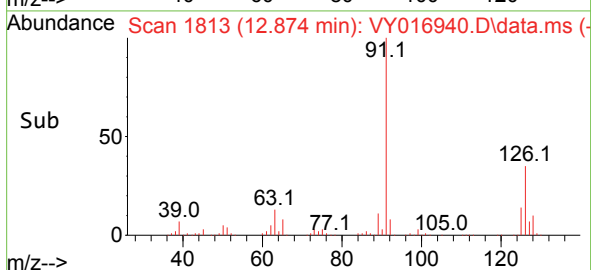
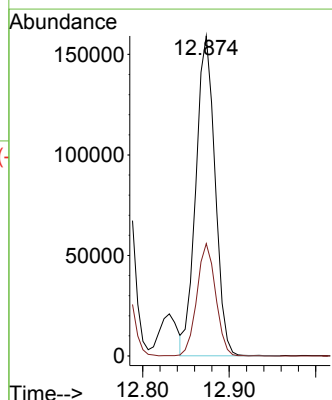
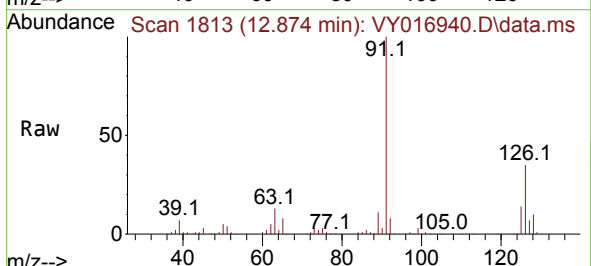
Instrument :
MSVOA_Y
ClientSampleId :

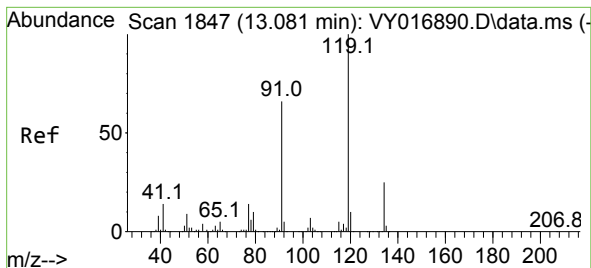
Tgt Ion: 75 Resp: 20881
Ion Ratio Lower Upper
75 100
53 89.5 74.0 111.0
89 45.3 36.5 54.7



#82
4-Chlorotoluene
Concen: 53.076 ug/l
RT: 12.874 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion: 91 Resp: 244005
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 54.297 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

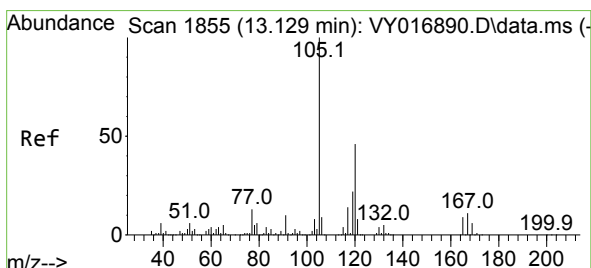
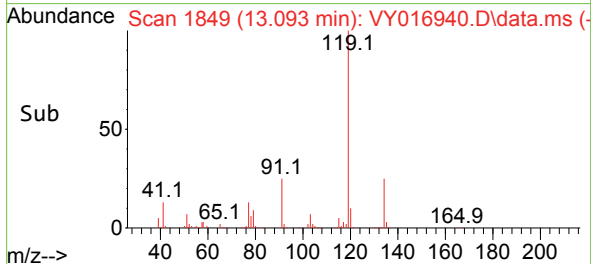
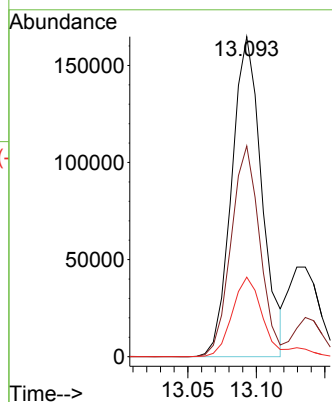
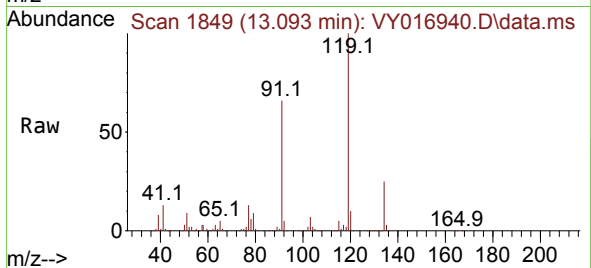
Tgt Ion:119 Resp: 252467

Ion Ratio Lower Upper

119 100

91 62.8 31.5 94.5

134 24.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 54.153 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.007 min

Lab File: VY016940.D

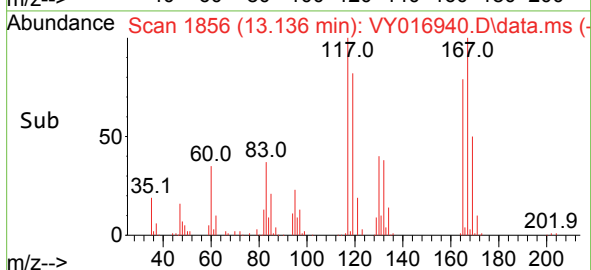
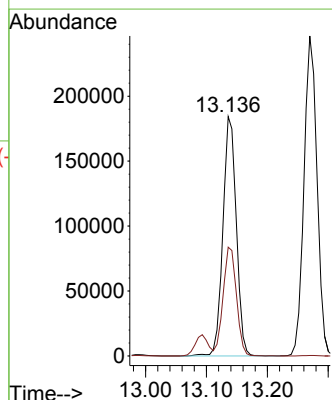
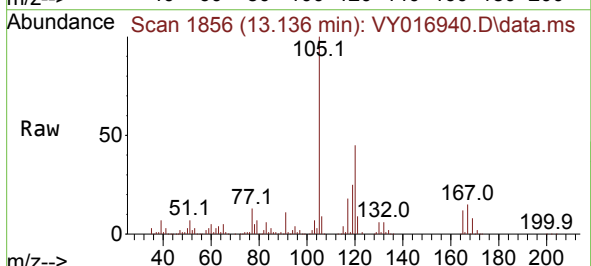
Acq: 09 Jan 2024 10:02

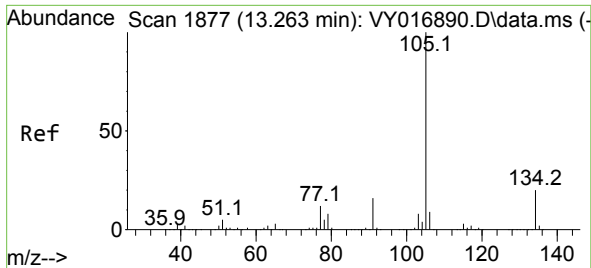
Tgt Ion:105 Resp: 281539

Ion Ratio Lower Upper

105 100

120 45.3 22.1 66.3

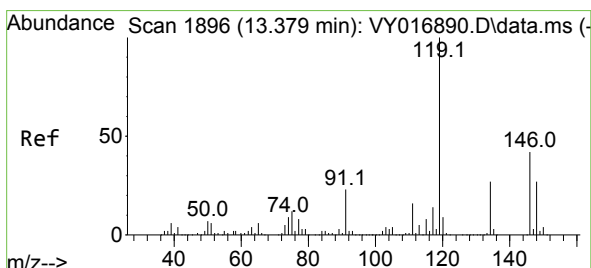
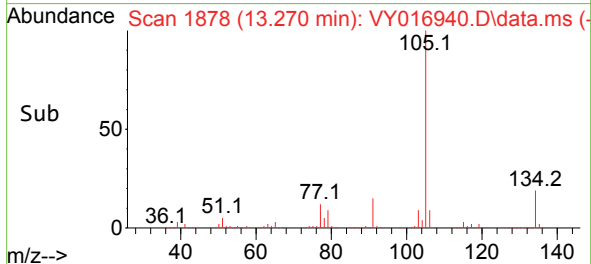
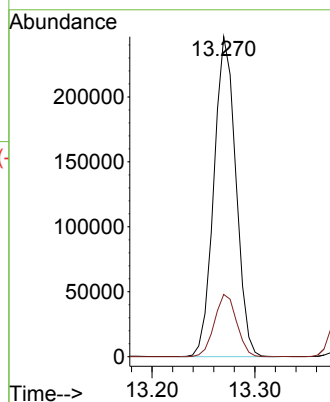
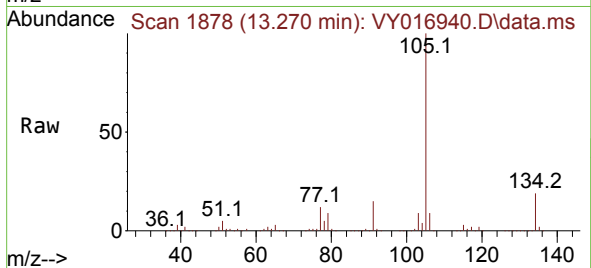




#85
 sec-Butylbenzene
 Concen: 53.020 ug/l
 RT: 13.270 min Scan# 1878
 Delta R.T. 0.007 min
 Lab File: VY016940.D
 Acq: 09 Jan 2024 10:02

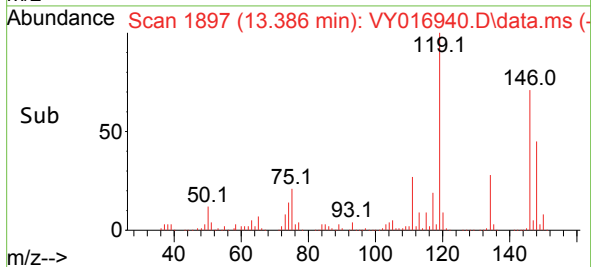
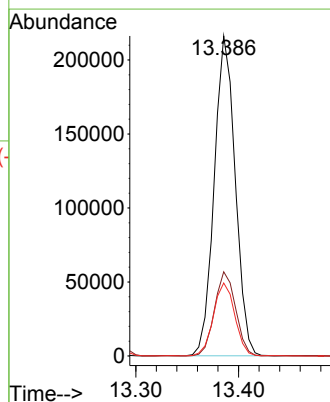
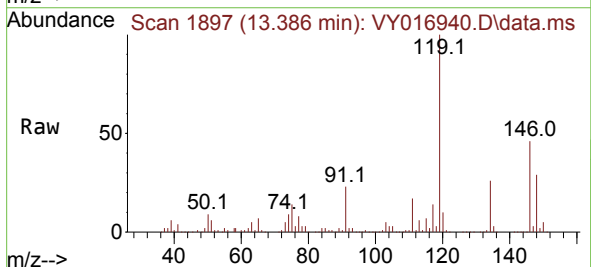
Instrument :
 MSVOA_Y
 ClientSampleId :

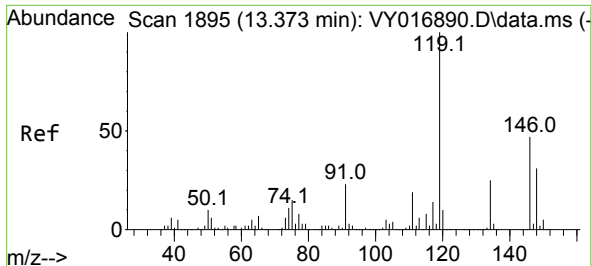
Tgt Ion:105 Resp: 365291
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.920 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.007 min
 Lab File: VY016940.D
 Acq: 09 Jan 2024 10:02

Tgt Ion:119 Resp: 306596
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 52.715 ug/l

RT: 13.386 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

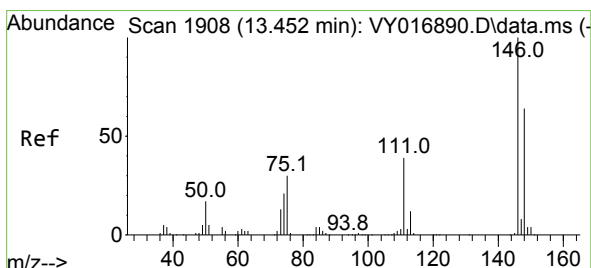
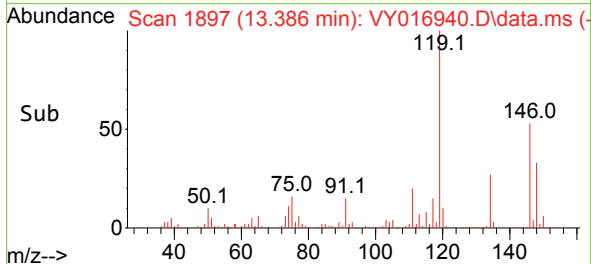
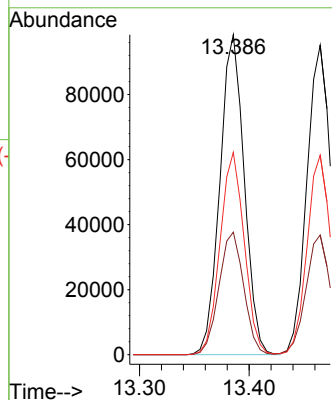
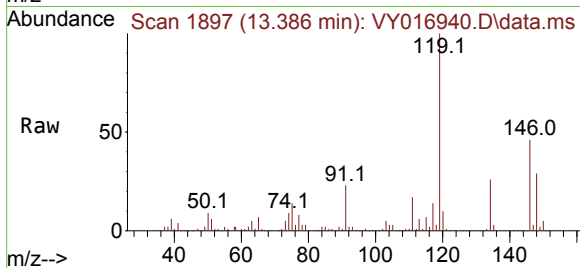
Tgt Ion:146 Resp: 151938

Ion Ratio Lower Upper

146 100

111 39.0 20.2 60.5

148 62.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 52.353 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

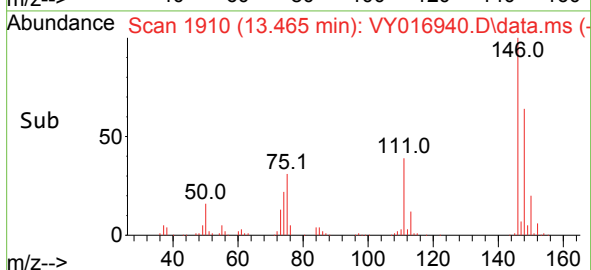
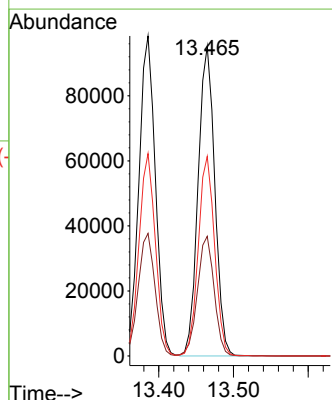
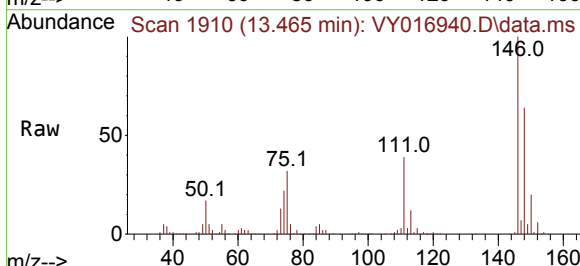
Tgt Ion:146 Resp: 147587

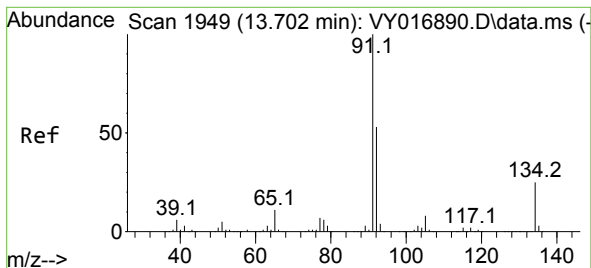
Ion Ratio Lower Upper

146 100

111 38.7 19.3 57.9

148 63.2 31.6 94.7





#89

n-Butylbenzene

Concen: 54.159 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.013 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

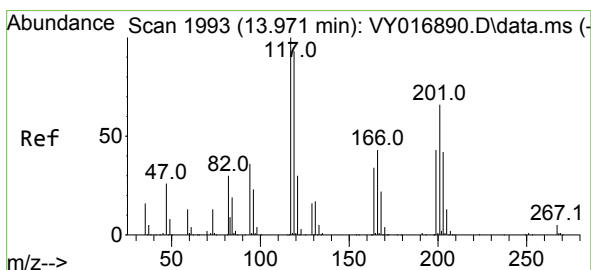
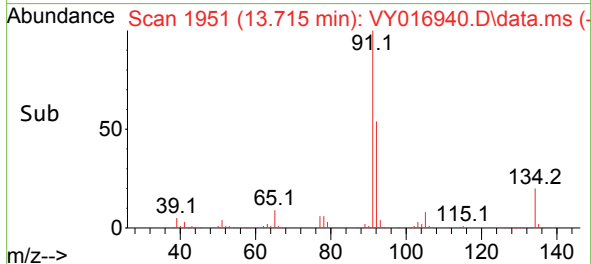
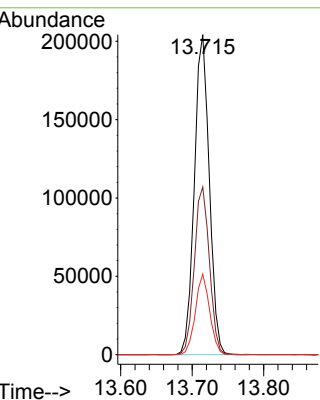
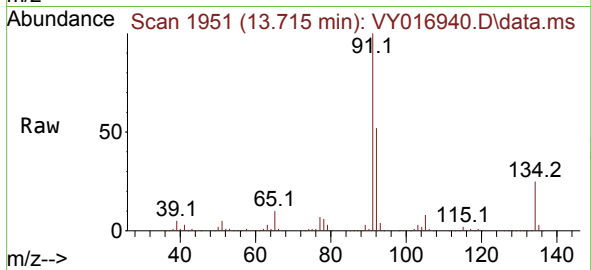
Tgt Ion: 91 Resp: 296091

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 24.2 12.3 36.8



#90

Hexachloroethane

Concen: 51.964 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016940.D

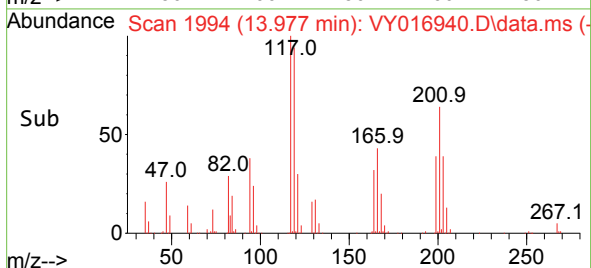
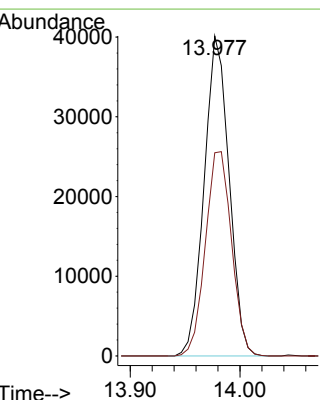
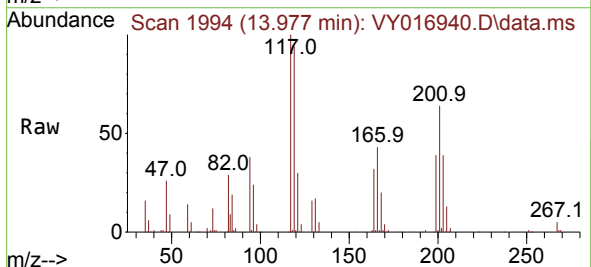
Acq: 09 Jan 2024 10:02

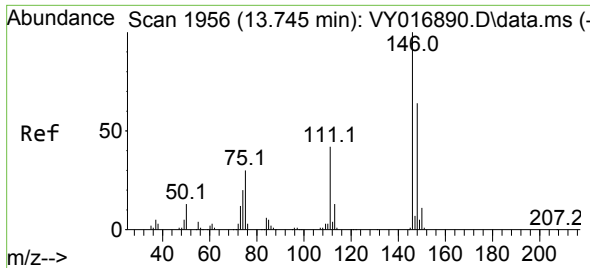
Tgt Ion: 117 Resp: 63492

Ion Ratio Lower Upper

117 100

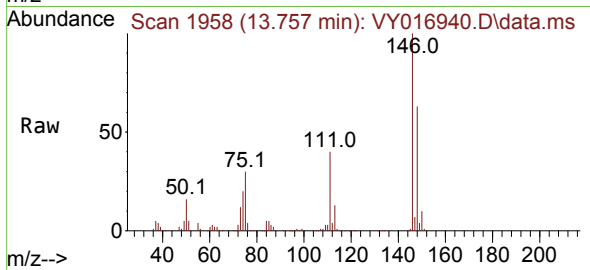
201 67.0 33.4 100.1



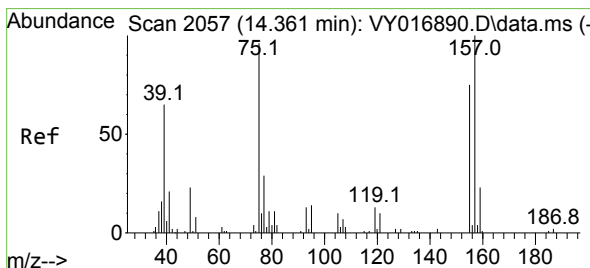
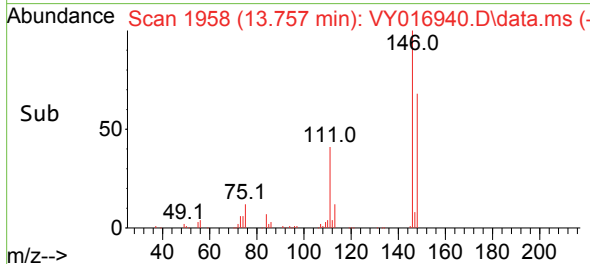
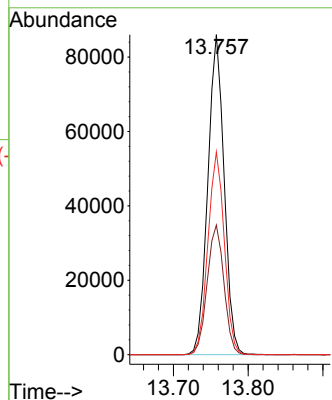


#91
1,2-Dichlorobenzene
Concen: 52.235 ug/l
RT: 13.757 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Instrument :
MSVOA_Y
ClientSampleId :

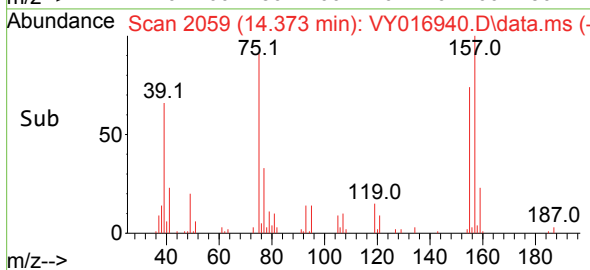
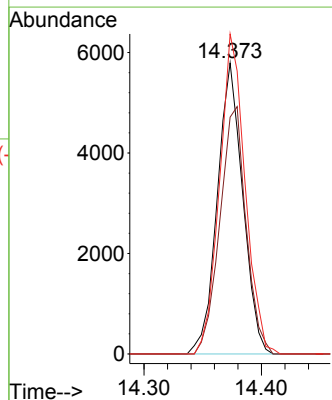
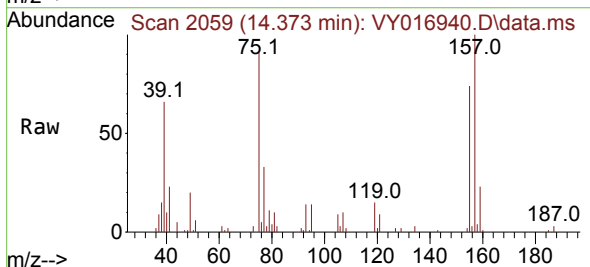


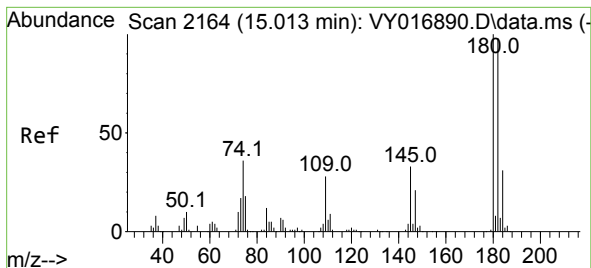
Tgt Ion:146 Resp: 130110
Ion Ratio Lower Upper
146 100
111 41.7 20.5 61.6
148 63.8 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.088 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016940.D
Acq: 09 Jan 2024 10:02

Tgt Ion: 75 Resp: 8713
Ion Ratio Lower Upper
75 100
155 87.6 42.1 126.3
157 110.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 57.378 ug/l

RT: 15.026 min Scan# 2166

Delta R.T. 0.007 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

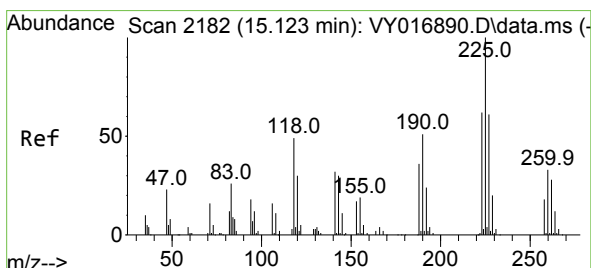
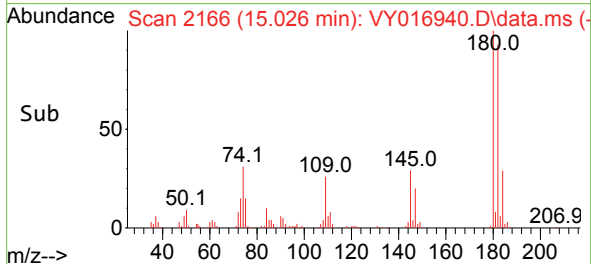
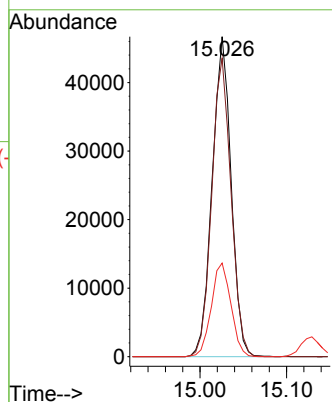
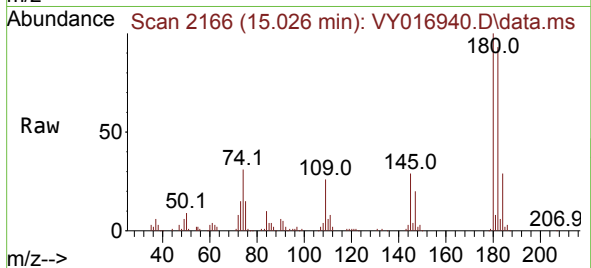
Tgt Ion:180 Resp: 70970

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.7

145 30.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 52.414 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

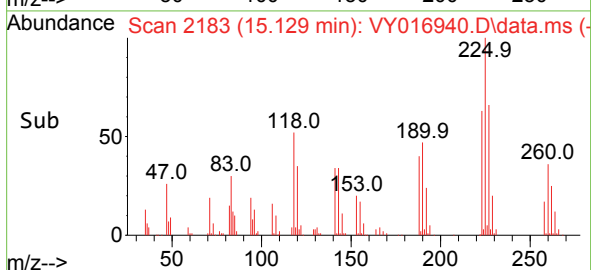
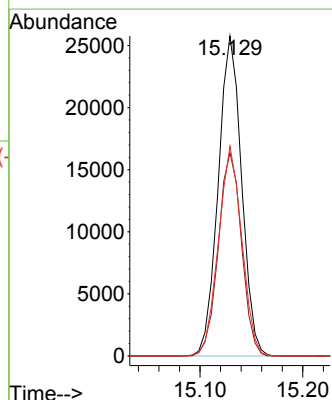
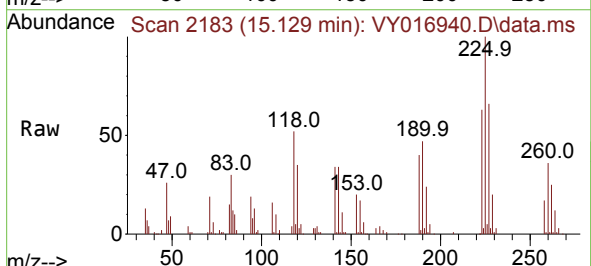
Tgt Ion:225 Resp: 40613

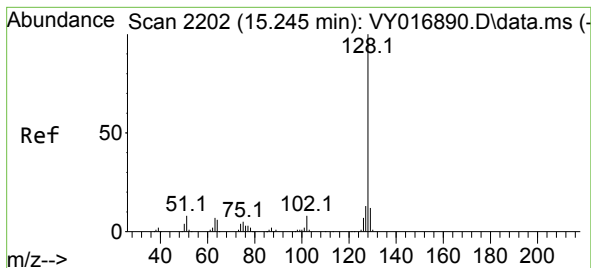
Ion Ratio Lower Upper

225 100

223 62.9 31.4 94.3

227 65.4 32.3 96.8





#95

Naphthalene

Concen: 57.665 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

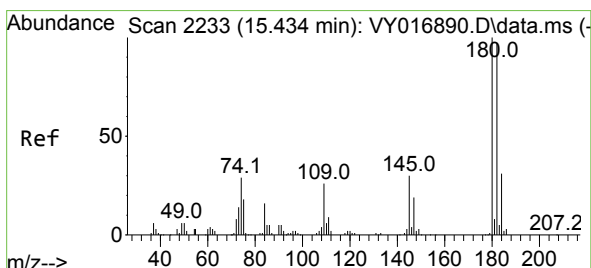
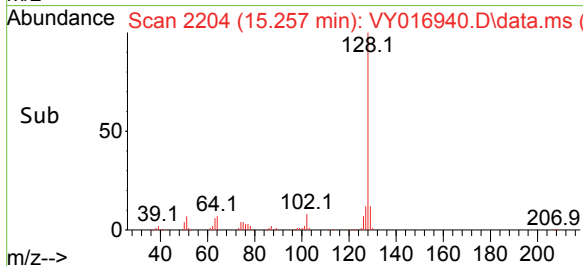
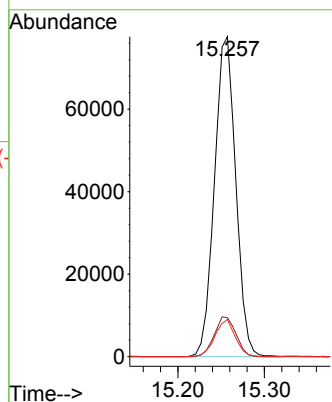
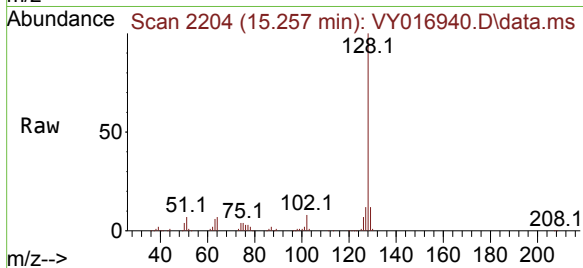
Tgt Ion:128 Resp: 132481

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 57.210 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016940.D

Acq: 09 Jan 2024 10:02

Tgt Ion:180 Resp: 60085

Ion Ratio Lower Upper

180 100

182 95.7 46.3 138.8

145 33.0 16.1 48.2

