

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016183.D
 Acq On : 02 Nov 2023 12:02
 Operator : SY/MD
 Sample : VY1102SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 01:38:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	192426	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	305285	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	262972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	122375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	86986	48.310	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.620%
35) Dibromofluoromethane	7.740	113	83173	45.699	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.400%
50) Toluene-d8	10.197	98	345392	47.865	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.720%
62) 4-Bromofluorobenzene	12.496	95	114678	46.475	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	21392	17.428	ug/l	98
3) Chloromethane	2.125	50	31085	18.291	ug/l	97
4) Vinyl Chloride	2.266	62	34266	19.535	ug/l	99
5) Bromomethane	2.662	94	21163	17.878	ug/l	96
6) Chloroethane	2.814	64	22309	18.066	ug/l	95
7) Trichlorofluoromethane	3.144	101	52636	19.877	ug/l	98
8) Diethyl Ether	3.546	74	17382	19.805	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.924	101	32096	19.240	ug/l	96
10) Methyl Iodide	4.113	142	33714	18.174	ug/l	97
11) Tert butyl alcohol	4.973	59	14820	110.160	ug/l #	89
12) 1,1-Dichloroethene	3.900	96	28516	18.728	ug/l	91
13) Acrolein	3.747	56	13922	107.853	ug/l	100
14) Allyl chloride	4.509	41	45474	20.880	ug/l #	96
15) Acrylonitrile	5.192	53	37975	101.257	ug/l	99
16) Acetone	3.967	43	30174	92.996	ug/l	98
17) Carbon Disulfide	4.223	76	65956	17.350	ug/l	97
18) Methyl Acetate	4.503	43	28985	20.017	ug/l	92
19) Methyl tert-butyl Ether	5.247	73	89942	20.767	ug/l	99
20) Methylene Chloride	4.741	84	38522	19.155	ug/l	93
21) trans-1,2-Dichloroethene	5.253	96	33803	19.059	ug/l	93
22) Diisopropyl ether	6.143	45	109699	20.825	ug/l	90
23) Vinyl Acetate	6.088	43	265876	102.798	ug/l #	94
24) 1,1-Dichloroethane	6.045	63	63658	20.192	ug/l	96
25) 2-Butanone	7.015	43	47711	96.043	ug/l	95
26) 2,2-Dichloropropane	7.009	77	60243	20.214	ug/l	98
27) cis-1,2-Dichloroethene	7.015	96	40975	19.631	ug/l	94
28) Bromochloromethane	7.362	49	23839	20.207	ug/l	90
29) Tetrahydrofuran	7.375	42	31772	102.029	ug/l	90
30) Chloroform	7.527	83	70018	20.399	ug/l	97
31) Cyclohexane	7.807	56	51051	18.444	ug/l #	82
32) 1,1,1-Trichloroethane	7.722	97	61954	19.682	ug/l	98
36) 1,1-Dichloropropene	7.941	75	50225	19.111	ug/l	100
37) Ethyl Acetate	7.094	43	23867	20.390	ug/l #	95
38) Carbon Tetrachloride	7.923	117	53350	20.490	ug/l	97
39) Methylcyclohexane	9.203	83	59063	18.827	ug/l	93
40) Benzene	8.179	78	147813	19.591	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	12695	18.684	ug/l #	92
42) 1,2-Dichloroethane	8.259	62	45297	21.513	ug/l	94
43) Isopropyl Acetate	8.289	43	46618	20.134	ug/l	92
44) Trichloroethene	8.960	130	42292	19.154	ug/l	96
45) 1,2-Dichloropropane	9.234	63	36976	20.372	ug/l	100
46) Dibromomethane	9.325	93	20258	19.675	ug/l	98
47) Bromodichloromethane	9.508	83	52929	20.233	ug/l	97
48) Methyl methacrylate	9.307	41	20300	19.281	ug/l	91
49) 1,4-Dioxane	9.313	88	4371	272.383	ug/l #	69
51) 4-Methyl-2-Pentanone	10.081	43	120436	104.245	ug/l	93
52) Toluene	10.258	92	102187	20.901	ug/l	94
53) t-1,3-Dichloropropene	10.478	75	52943	20.273	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	60366	19.699	ug/l	92
55) 1,1,2-Trichloroethane	10.661	97	29116	20.103	ug/l	92
56) Ethyl methacrylate	10.526	69	37710	20.049	ug/l	88
57) 1,3-Dichloropropane	10.807	76	48703	19.753	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	92577	101.502	ug/l	93
59) 2-Hexanone	10.843	43	83088	104.950	ug/l	89
60) Dibromochloromethane	10.996	129	35765	19.684	ug/l	98
61) 1,2-Dibromoethane	11.099	107	26895	19.523	ug/l	99
64) Tetrachloroethene	10.734	164	42307	18.087	ug/l	96
65) Chlorobenzene	11.526	112	103983	19.902	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	39382	20.351	ug/l	99
67) Ethyl Benzene	11.605	91	186984	20.009	ug/l	100
68) m/p-Xylenes	11.715	106	143267	39.675	ug/l	96
69) o-Xylene	12.038	106	68931	19.993	ug/l	96
70) Styrene	12.057	104	112350	19.602	ug/l	97
71) Bromoform	12.221	173	21566	20.089	ug/l #	99
73) Isopropylbenzene	12.343	105	183179	19.955	ug/l	99
74) N-amyl acetate	12.154	43	39802	19.953	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.593	83	30952	21.190	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	42284	36.691	ug/l #	100
77) Bromobenzene	12.624	156	41139	19.792	ug/l	95
78) n-propylbenzene	12.685	91	217877	20.076	ug/l	100
79) 2-Chlorotoluene	12.770	91	120269	19.869	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	146595	19.711	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	10966	20.632	ug/l	92
82) 4-Chlorotoluene	12.867	91	122966	19.783	ug/l	99
83) tert-Butylbenzene	13.087	119	132587	19.925	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	144910	19.692	ug/l	98
85) sec-Butylbenzene	13.264	105	192317	19.691	ug/l	99
86) p-Isopropyltoluene	13.380	119	160500	19.828	ug/l	98
87) 1,3-Dichlorobenzene	13.380	146	81339	19.786	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	80569	19.830	ug/l	99
89) n-Butylbenzene	13.709	91	147659	19.853	ug/l	96
90) Hexachloroethane	13.971	117	28818	20.659	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	71214	20.050	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4949	18.931	ug/l	95
93) 1,2,4-Trichlorobenzene	15.020	180	42140	19.222	ug/l	98
94) Hexachlorobutadiene	15.123	225	25015	20.882	ug/l	96
95) Naphthalene	15.245	128	79345	18.631	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	35677	19.051	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

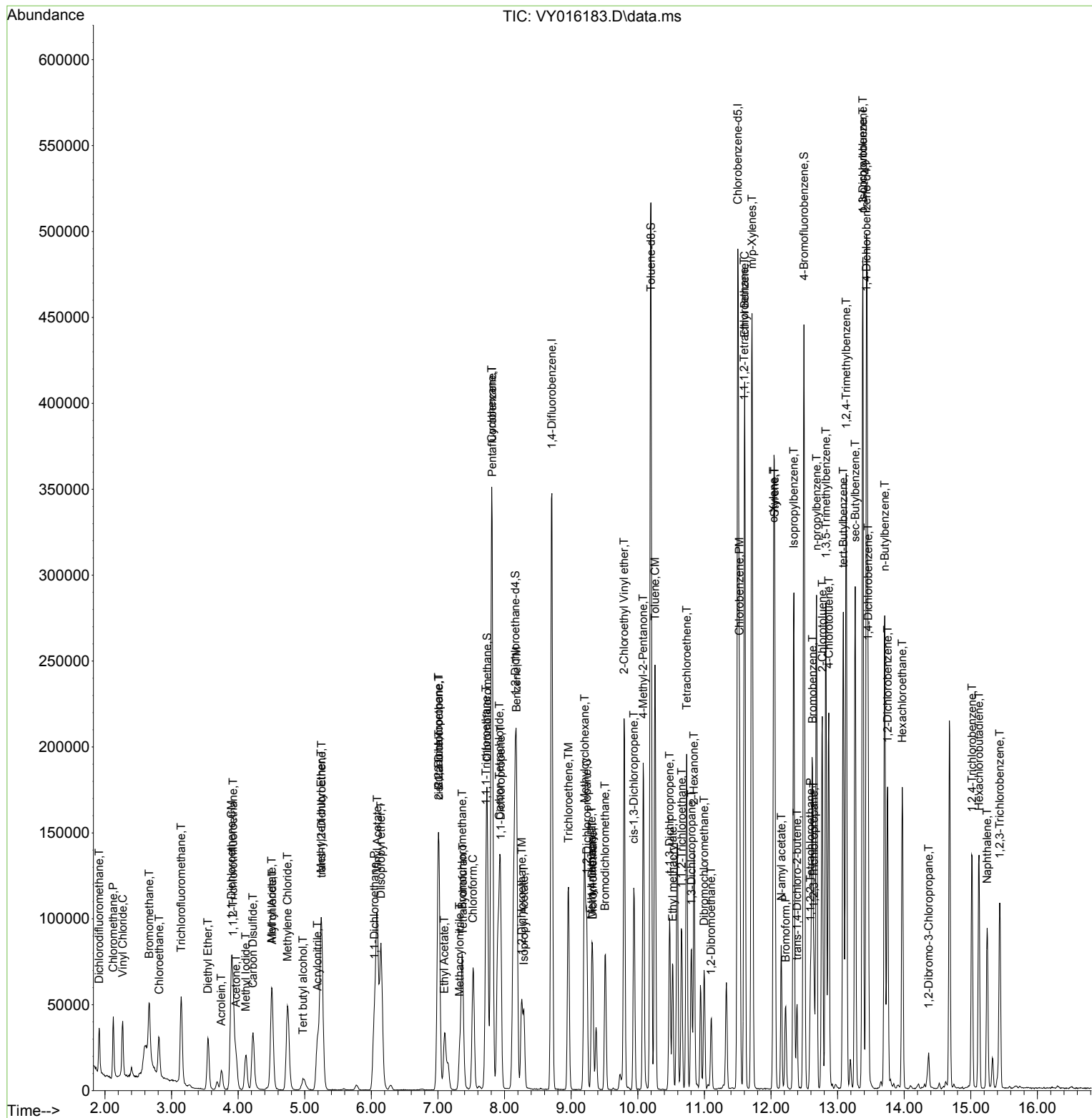
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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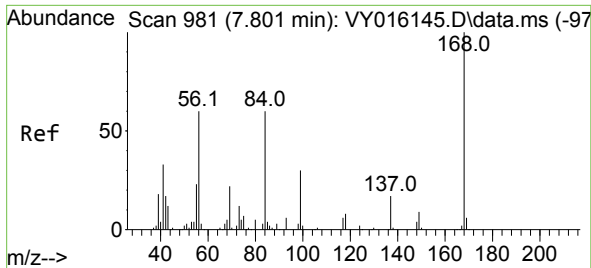
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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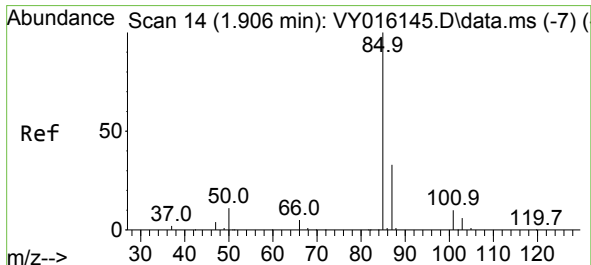
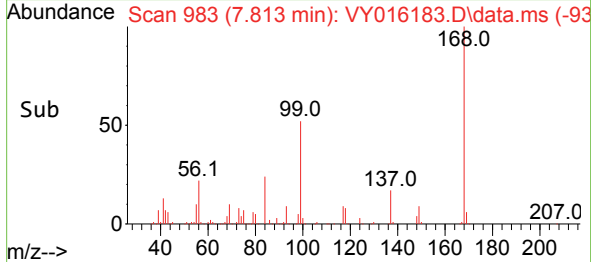
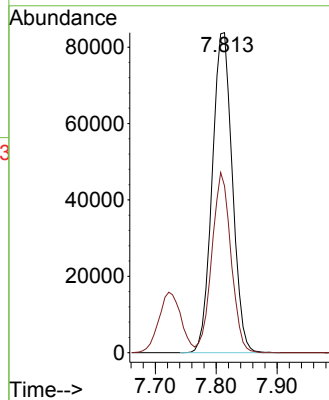
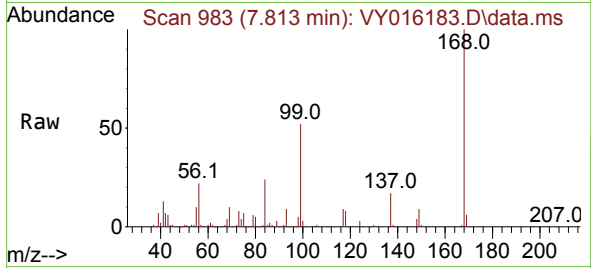




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 99
Delta R.T. 0.012 min
Lab File: VY016183.D
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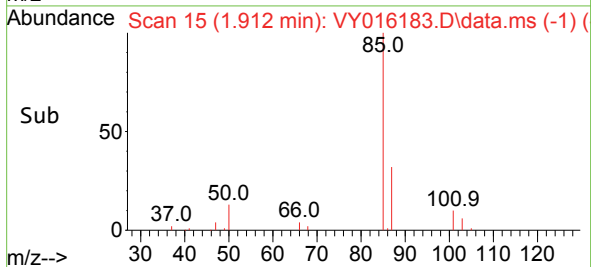
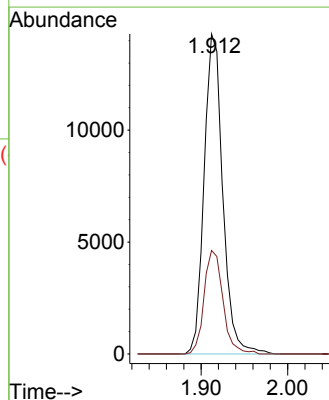
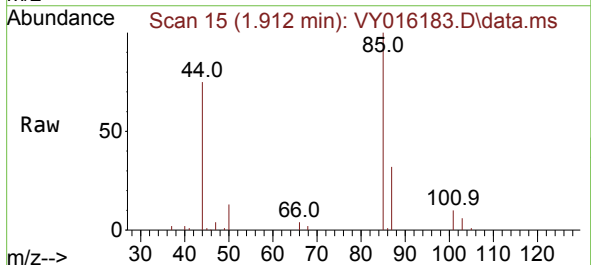
Instrument :
MSVOA_Y
ClientSampleId :

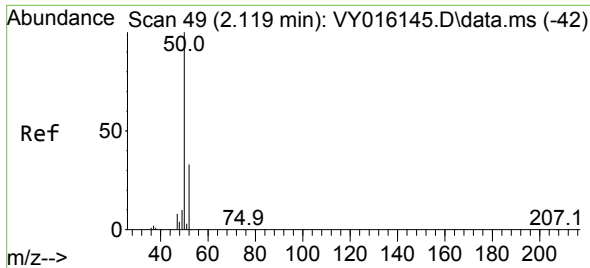
Tgt Ion:168 Resp: 192426
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 17.428 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion: 85 Resp: 21392
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8

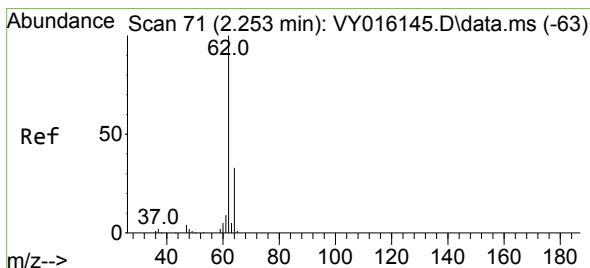
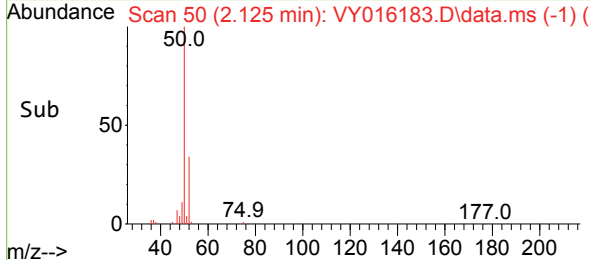
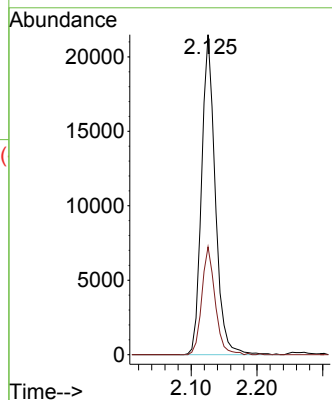
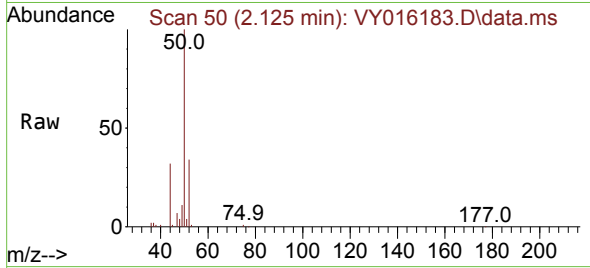




#3
Chloromethane
Concen: 18.291 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

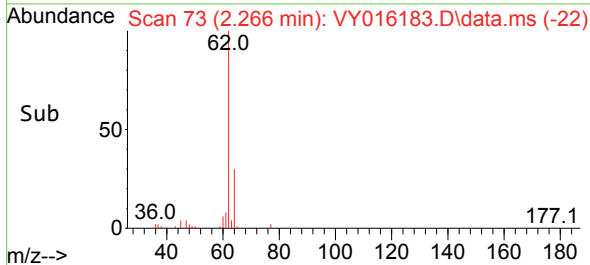
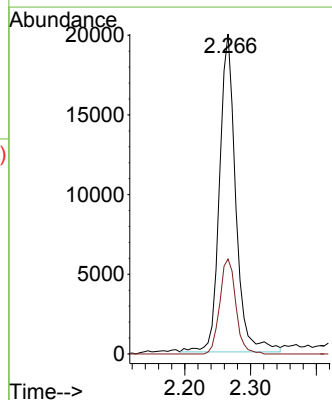
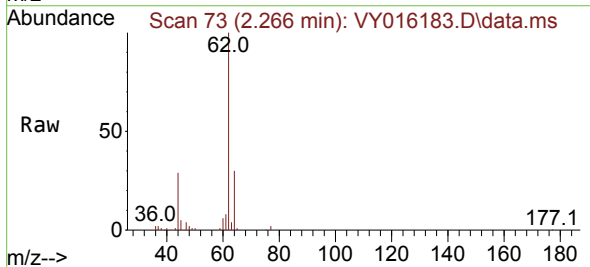
Instrument :
MSVOA_Y
ClientSampleId :

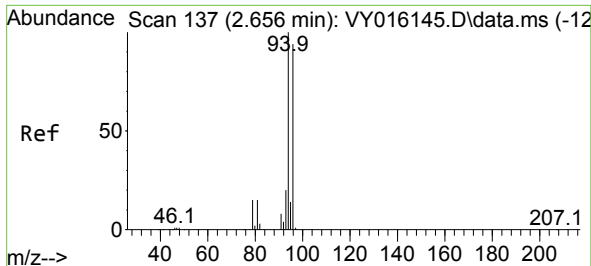
Tgt Ion: 50 Resp: 31085
Ion Ratio Lower Upper
50 100
52 33.7 25.4 38.2



#4
Vinyl Chloride
Concen: 19.535 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

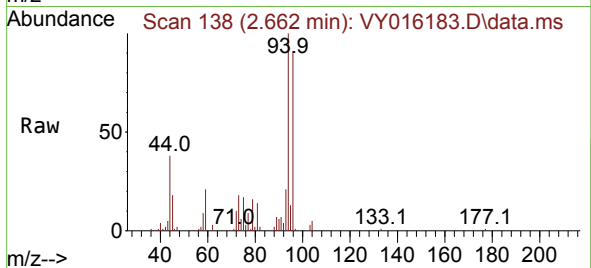
Tgt Ion: 62 Resp: 34266
Ion Ratio Lower Upper
62 100
64 29.9 24.3 36.5



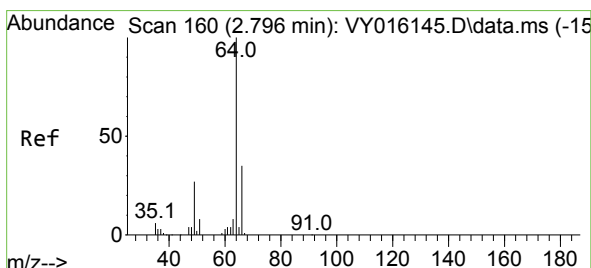
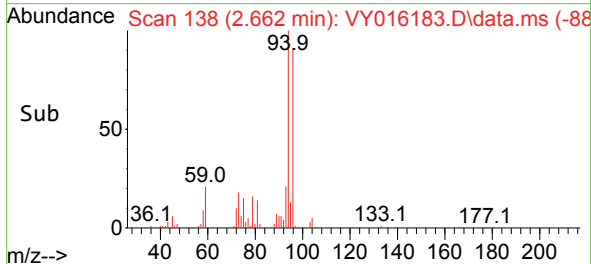
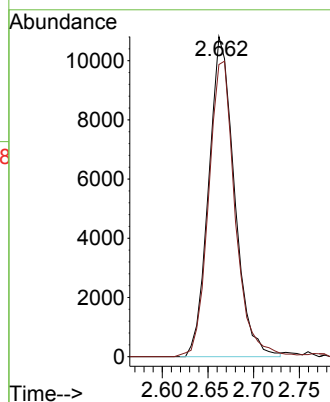


#5
Bromomethane
Concen: 17.878 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

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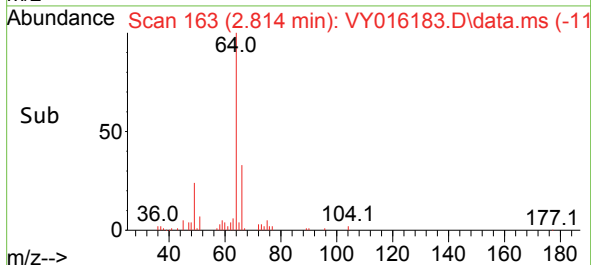
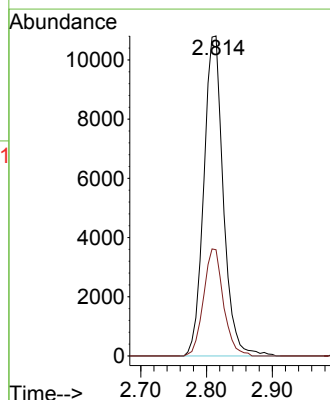
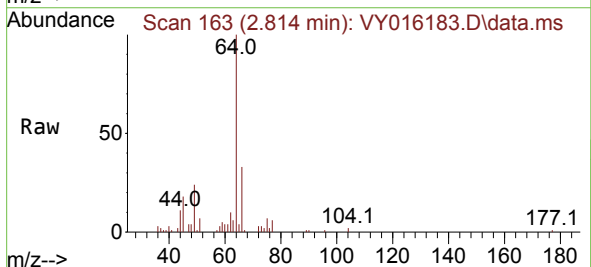


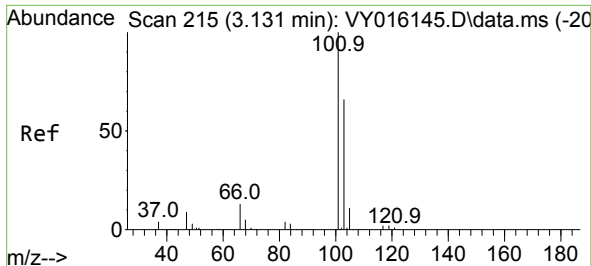
Tgt Ion: 94 Resp: 21163
Ion Ratio Lower Upper
94 100
96 90.7 75.8 113.6



#6
Chloroethane
Concen: 18.066 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.018 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion: 64 Resp: 22309
Ion Ratio Lower Upper
64 100
66 33.2 24.4 36.6

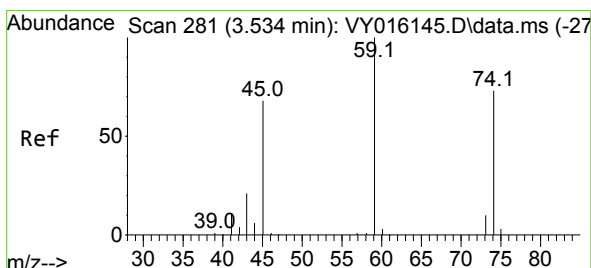
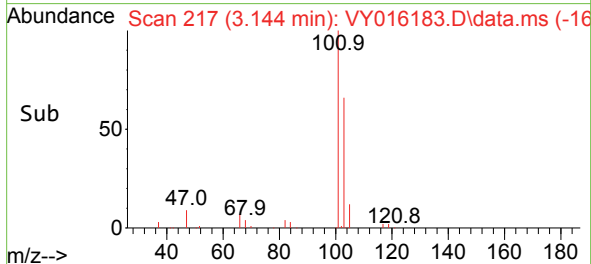
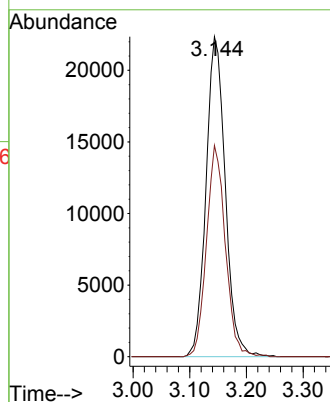
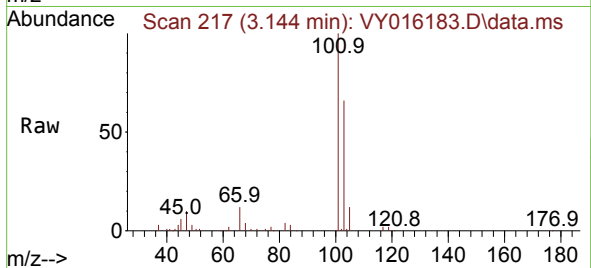




#7
 Trichlorofluoromethane
 Concen: 19.877 ug/l
 RT: 3.144 min Scan# 215
 Delta R.T. 0.012 min
 Lab File: VY016183.D
 Acq: 02 Nov 2023 12:02

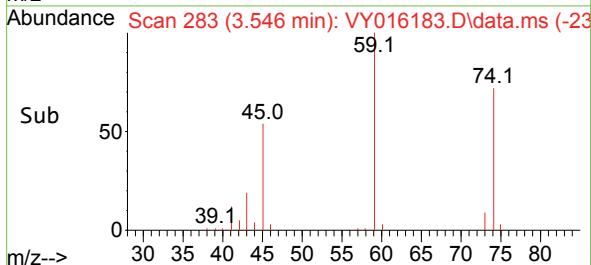
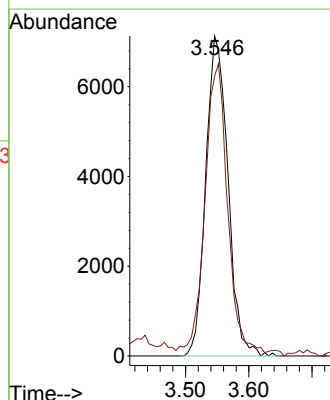
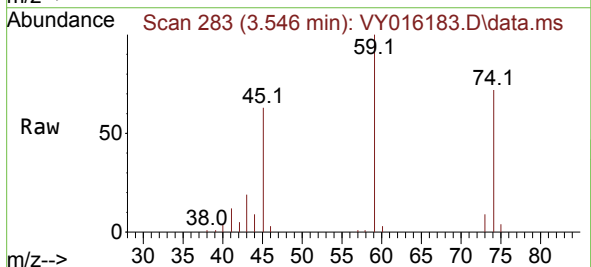
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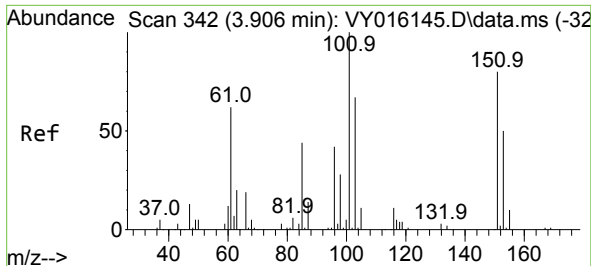
Tgt Ion:101 Resp: 52636
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.805 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.012 min
 Lab File: VY016183.D
 Acq: 02 Nov 2023 12:02

Tgt Ion: 74 Resp: 17382
 Ion Ratio Lower Upper
 74 100
 45 89.5 51.5 154.5

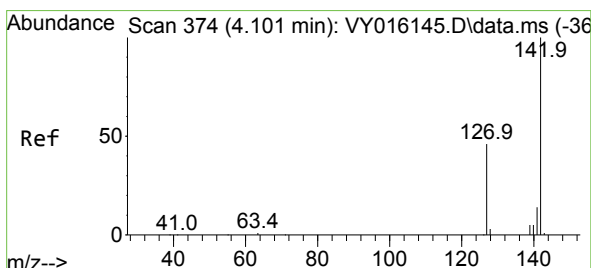
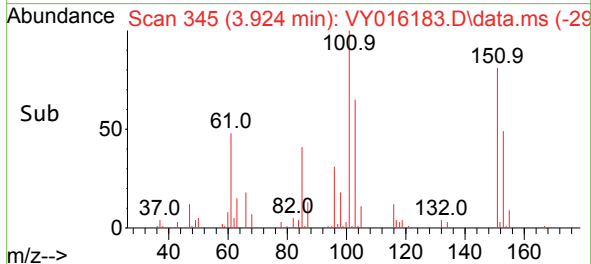
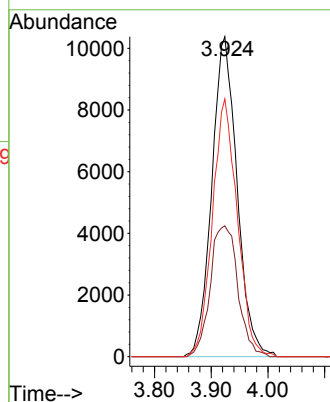
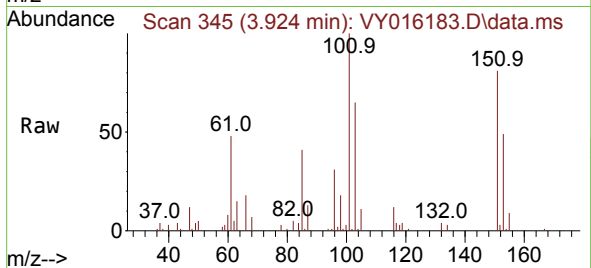




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.240 ug/l
RT: 3.924 min Scan# 34
Delta R.T. 0.018 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

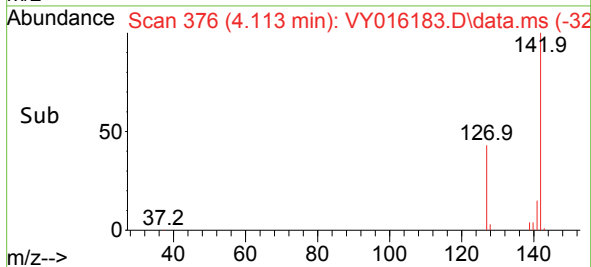
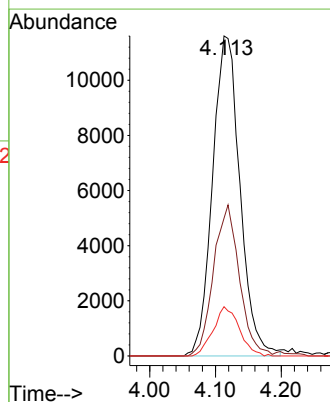
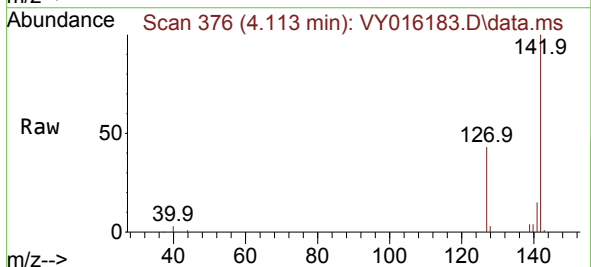
Instrument :
MSVOA_Y
ClientSampleId :

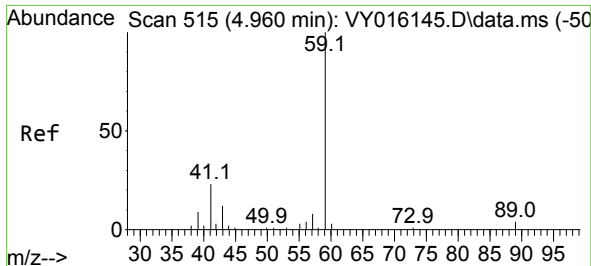
Tgt Ion:101 Resp: 32096
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 79.4 67.0 100.6



#10
Methyl Iodide
Concen: 18.174 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion:142 Resp: 33714
Ion Ratio Lower Upper
142 100
127 44.5 37.6 56.4
141 14.7 11.8 17.8





#11

Tert butyl alcohol

Concen: 110.160 ug/l

RT: 4.973 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

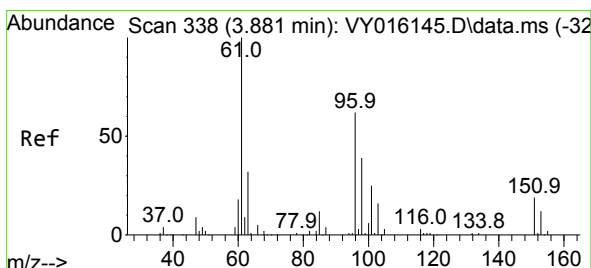
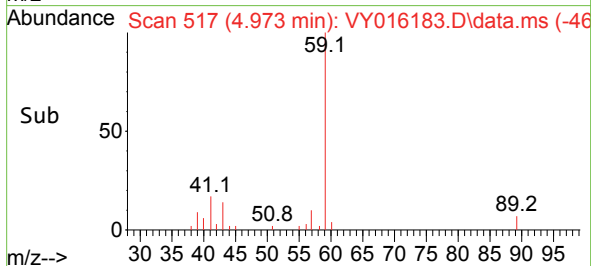
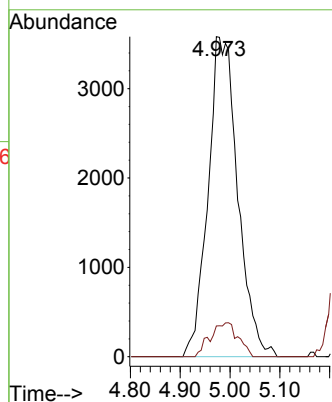
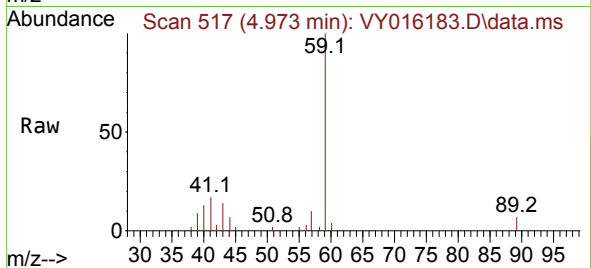
ClientSampleId :

Tgt Ion: 59 Resp: 14820

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 18.728 ug/l

RT: 3.900 min Scan# 341

Delta R.T. 0.018 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

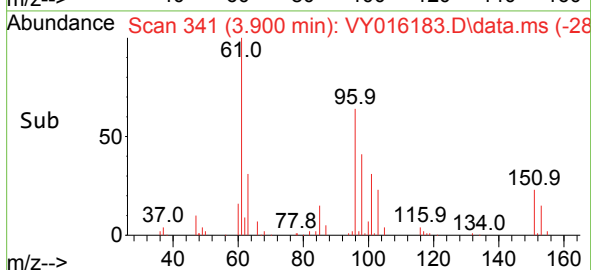
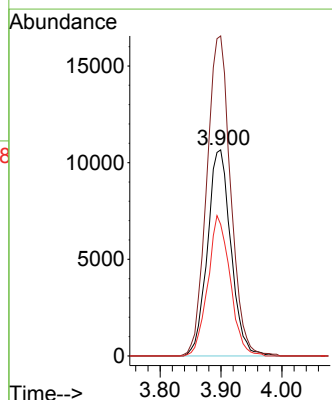
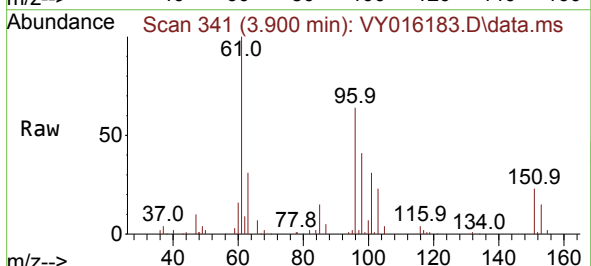
Tgt Ion: 96 Resp: 28516

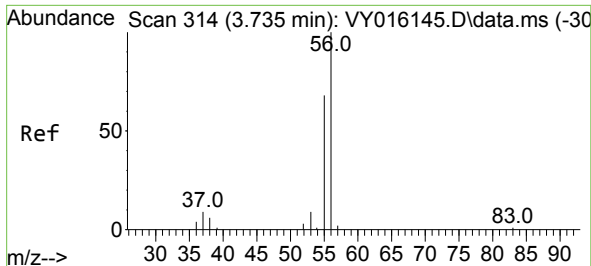
Ion Ratio Lower Upper

96 100

61 155.3 136.4 204.6

98 63.8 49.4 74.2





#13

Acrolein

Concen: 107.853 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

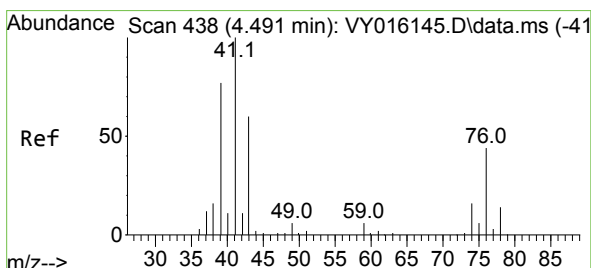
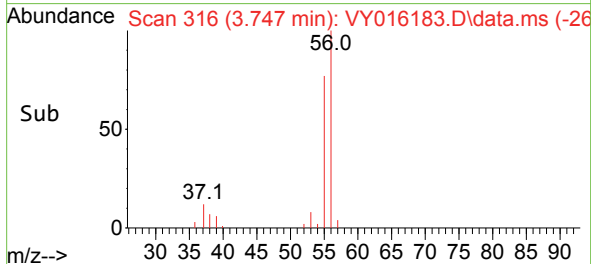
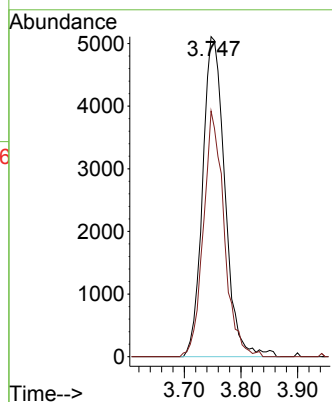
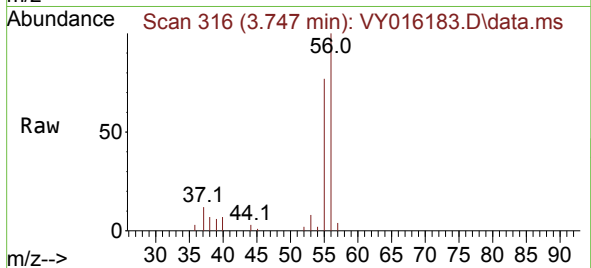
ClientSampleId :

Tgt Ion: 56 Resp: 13922

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 20.880 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.018 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

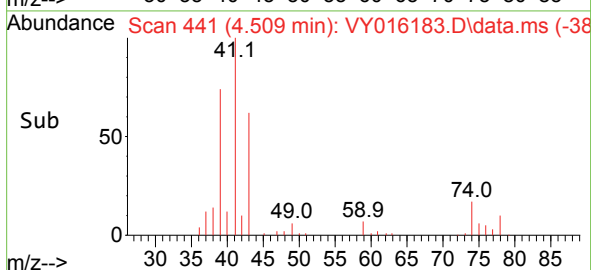
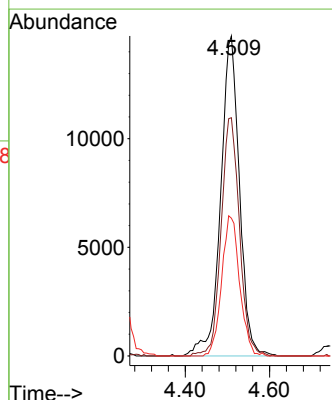
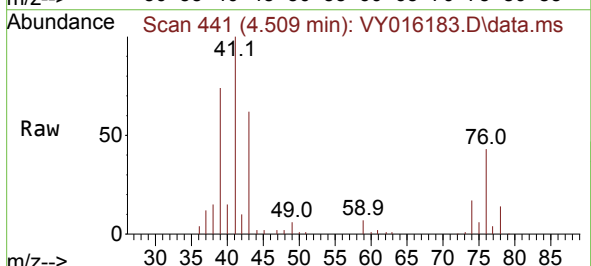
Tgt Ion: 41 Resp: 45474

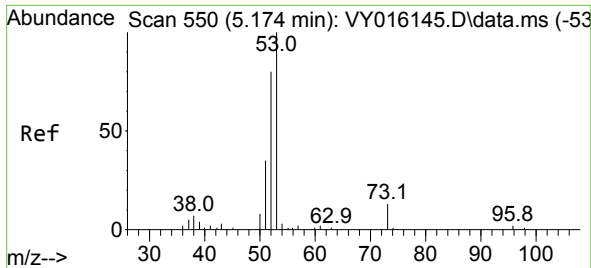
Ion Ratio Lower Upper

41 100

39 72.6 58.0 87.0

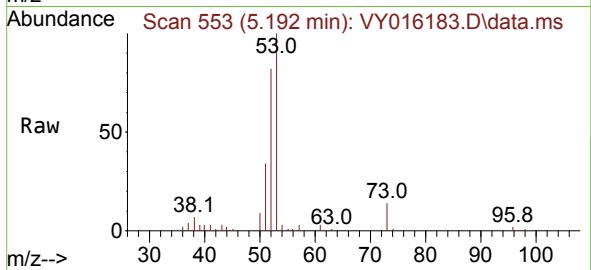
76 41.9 27.4 41.2#



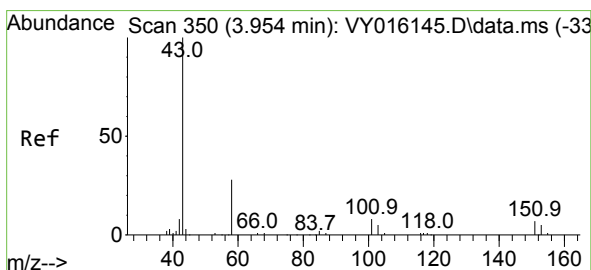
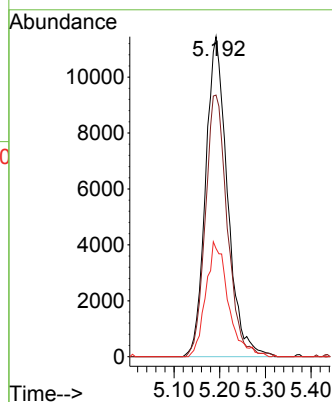
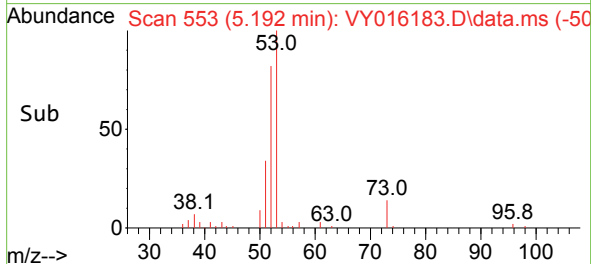


#15
Acrylonitrile
Concen: 101.257 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :

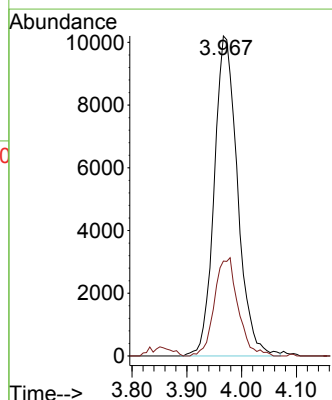
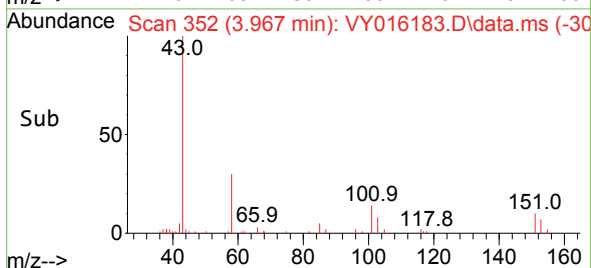
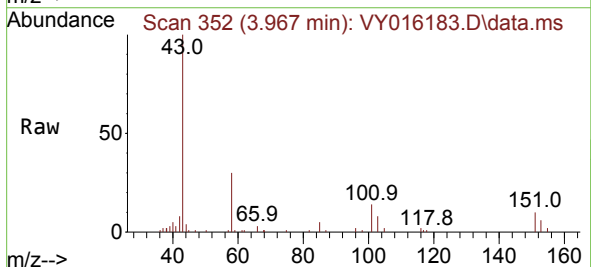


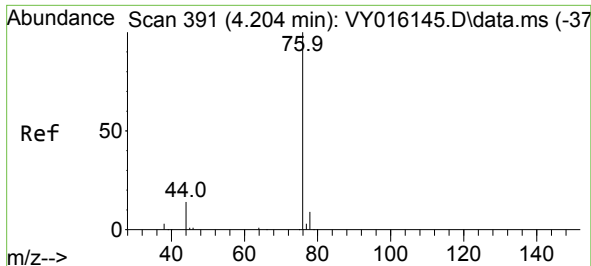
Tgt Ion: 53 Resp: 37975
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 37.0 29.8 44.6



#16
Acetone
Concen: 92.996 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

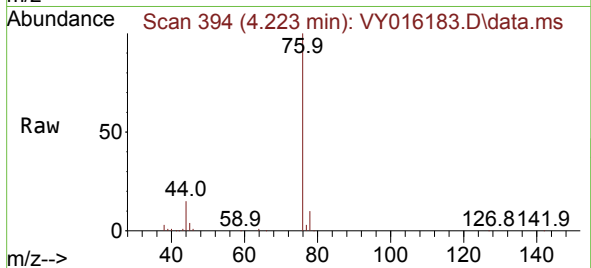
Tgt Ion: 43 Resp: 30174
Ion Ratio Lower Upper
43 100
58 29.7 22.7 34.1



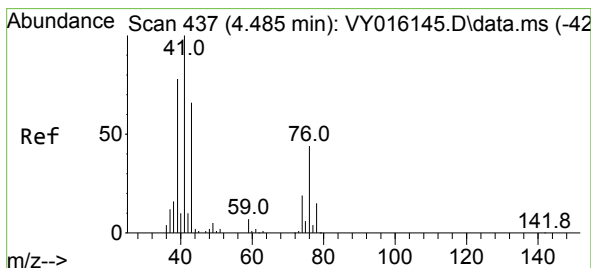
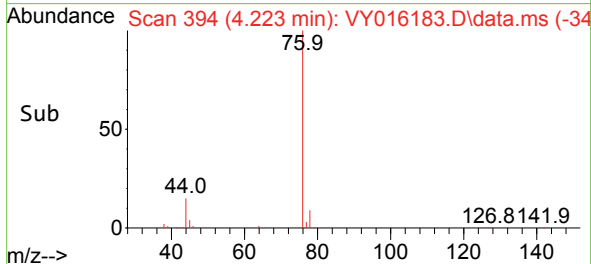
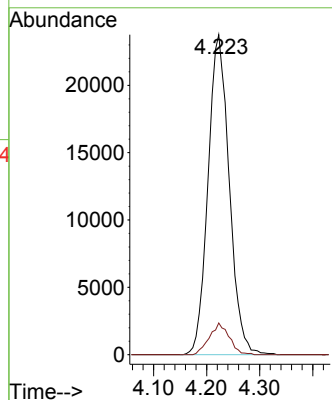


#17
Carbon Disulfide
Concen: 17.350 ug/l
RT: 4.223 min Scan# 391
Delta R.T. 0.019 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :

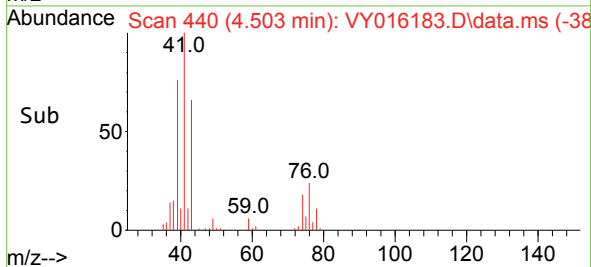
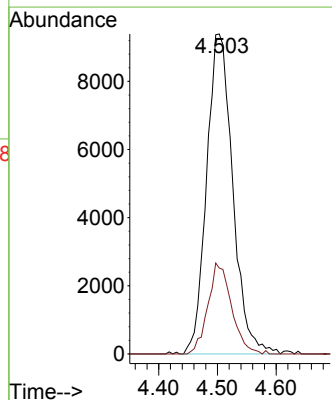
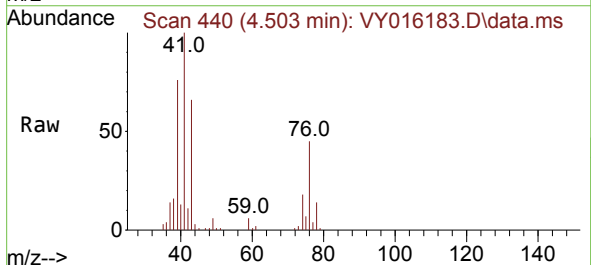


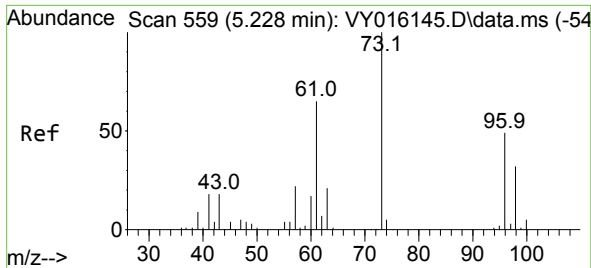
Tgt Ion: 76 Resp: 65956
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4



#18
Methyl Acetate
Concen: 20.017 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion: 43 Resp: 28985
Ion Ratio Lower Upper
43 100
74 25.6 17.4 26.0

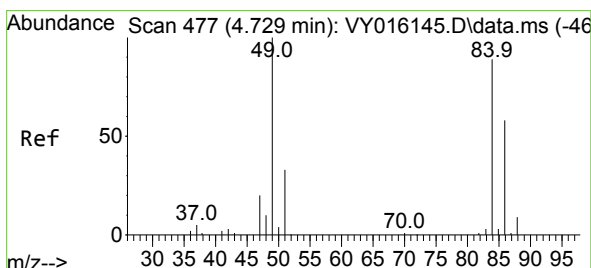
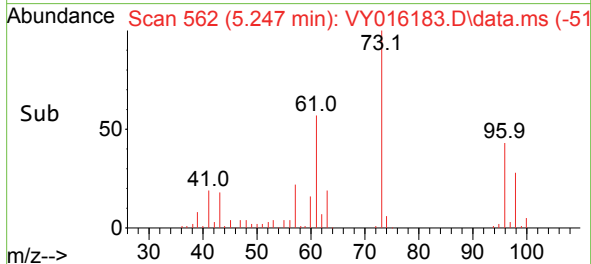
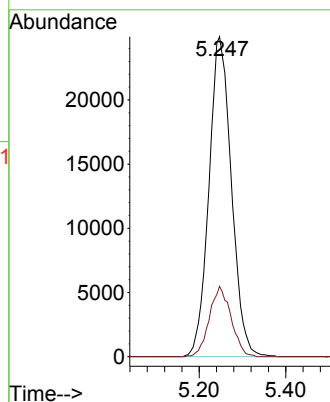
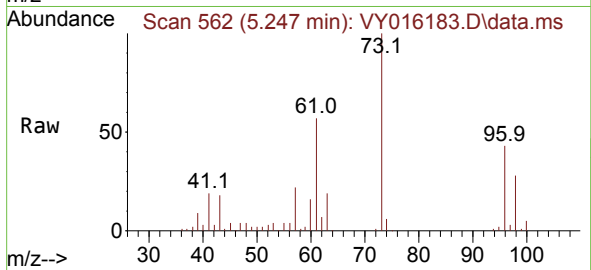




#19
Methyl tert-butyl Ether
Concen: 20.767 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

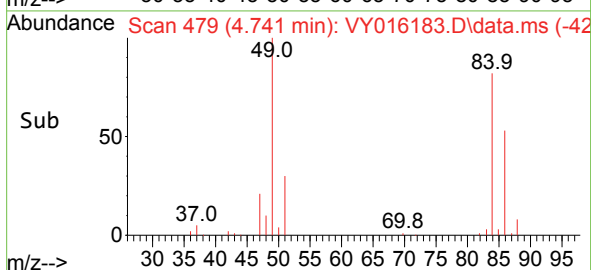
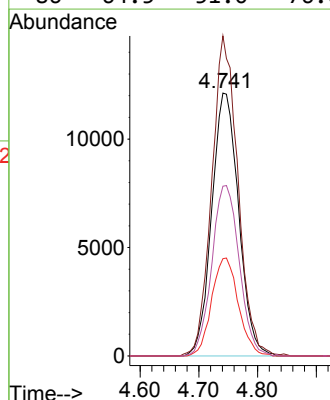
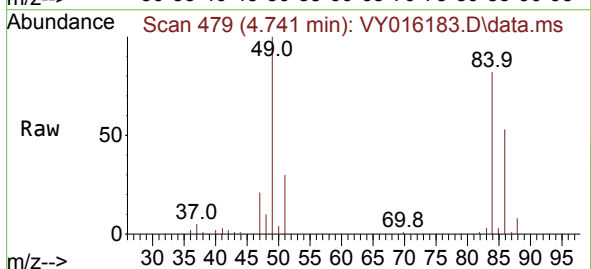
Instrument :
MSVOA_Y
ClientSampleId :

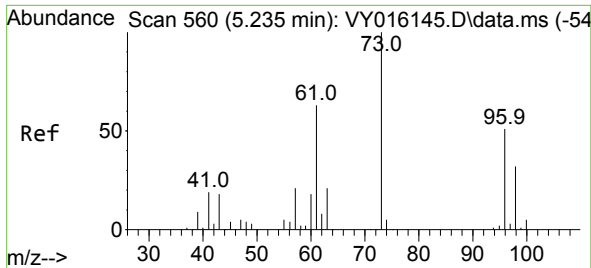
Tgt Ion: 73 Resp: 89942
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 19.155 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion: 84 Resp: 38522
Ion Ratio Lower Upper
84 100
49 121.7 106.9 160.3
51 37.0 33.2 49.8
86 64.5 51.0 76.6

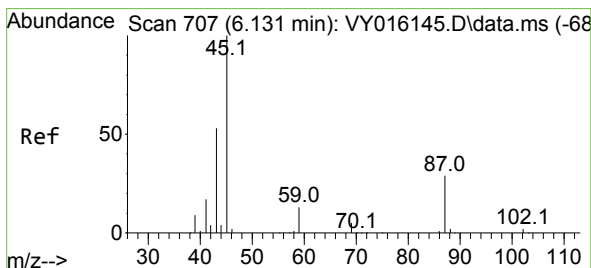
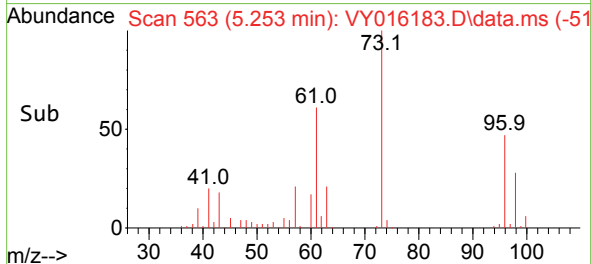
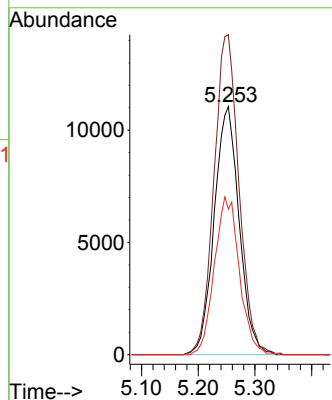
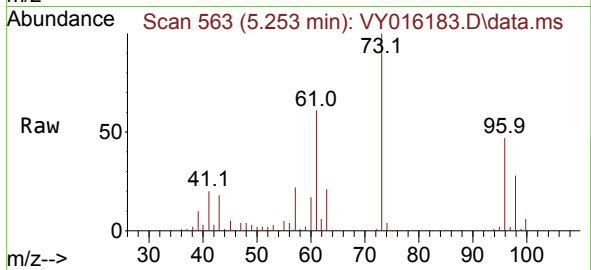




#21
trans-1,2-Dichloroethene
Concen: 19.059 ug/l
RT: 5.253 min Scan# 509
Delta R.T. 0.018 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

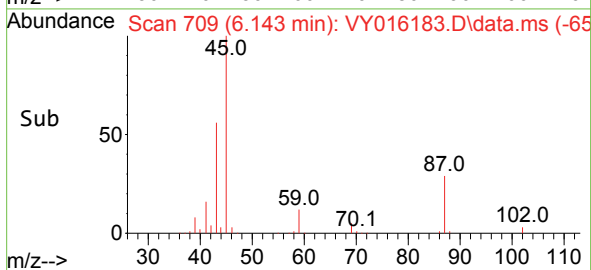
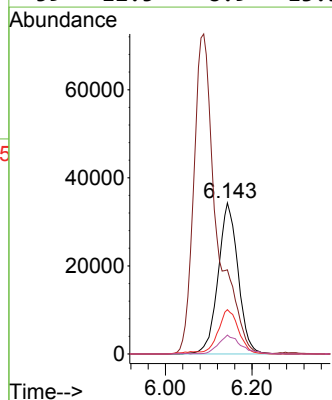
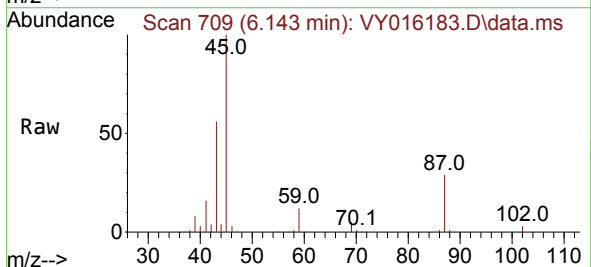
Instrument :
MSVOA_Y
ClientSampleId :

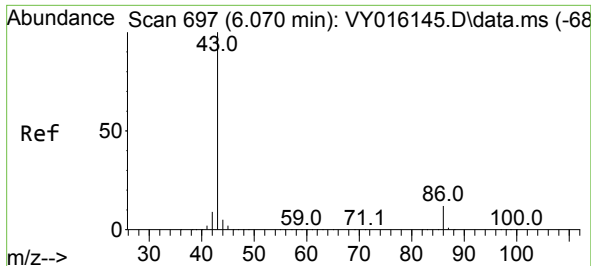
Tgt Ion: 96 Resp: 33803
Ion Ratio Lower Upper
96 100
61 129.0 110.2 165.4
98 58.6 51.8 77.6



#22
Diisopropyl ether
Concen: 20.825 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion: 45 Resp: 109699
Ion Ratio Lower Upper
45 100
43 54.9 52.2 78.4
87 29.3 21.0 31.6
59 12.5 8.9 13.3

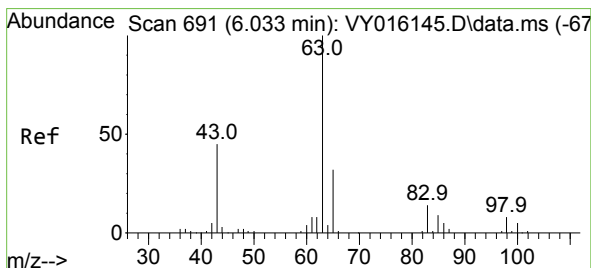
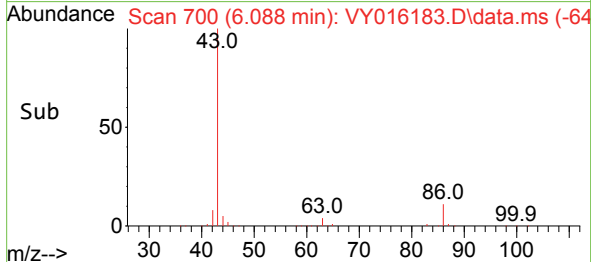
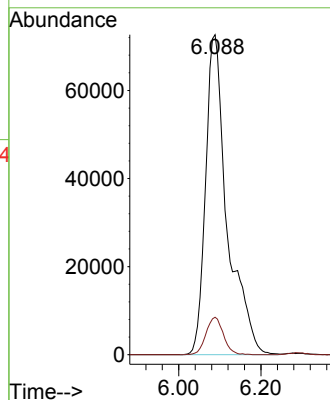
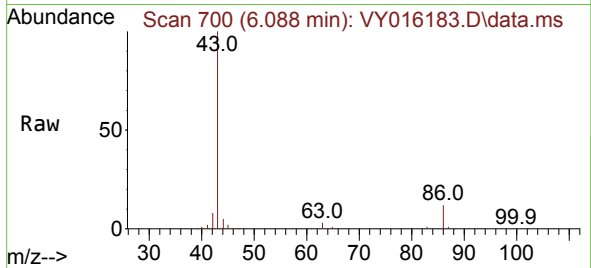




#23
 Vinyl Acetate
 Concen: 102.798 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.018 min
 Lab File: VY016183.D
 Acq: 02 Nov 2023 12:02

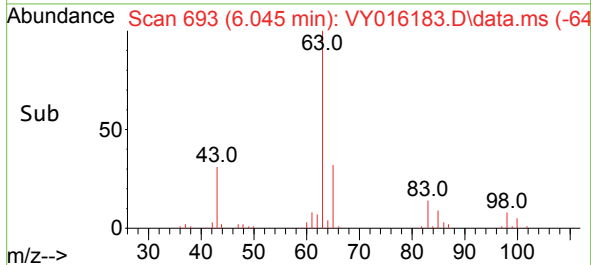
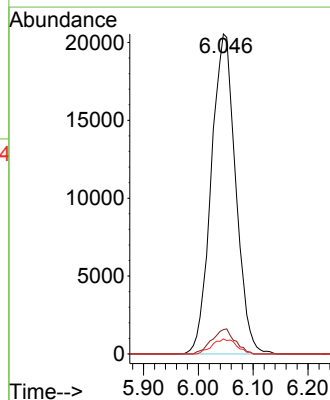
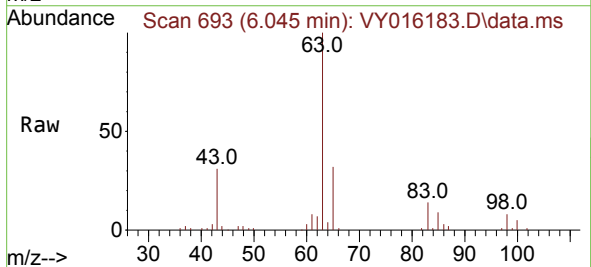
Instrument :
 MSVOA_Y
 ClientSampleId :

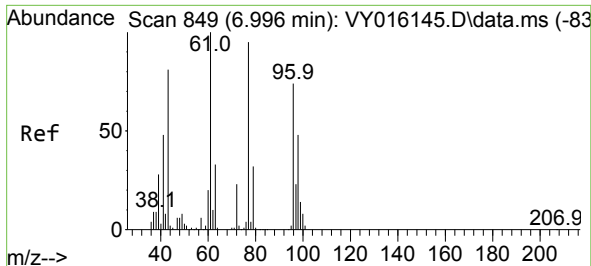
Tgt Ion: 43 Resp: 265876
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.192 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016183.D
 Acq: 02 Nov 2023 12:02

Tgt Ion: 63 Resp: 63658
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.7 1.8 5.5

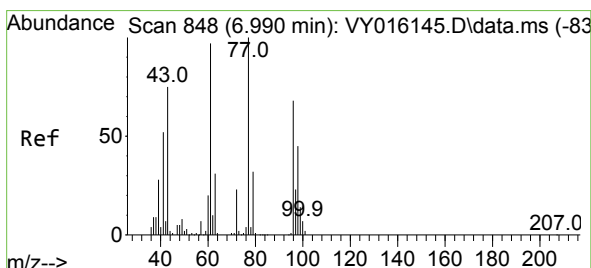
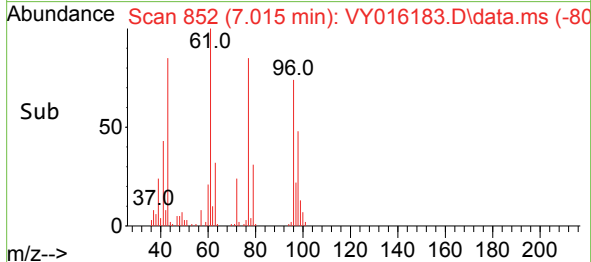
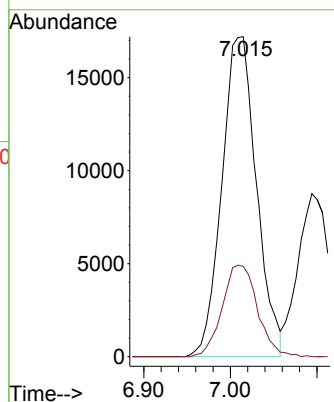
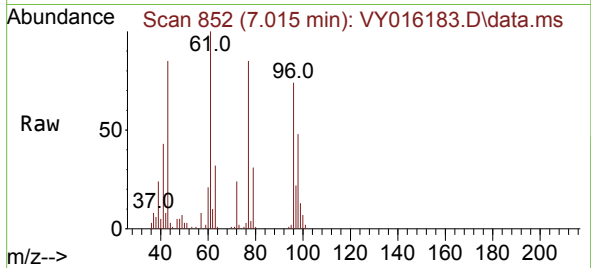




#25
2-Butanone
Concen: 96.043 ug/l
RT: 7.015 min Scan# 81
Delta R.T. 0.018 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

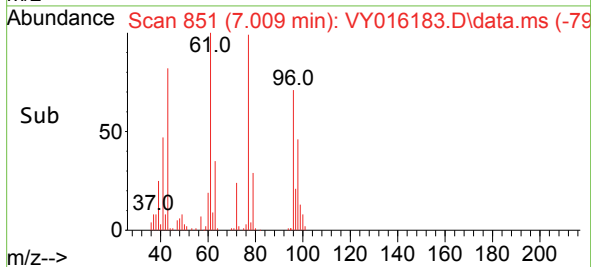
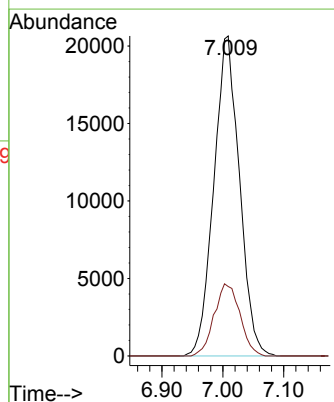
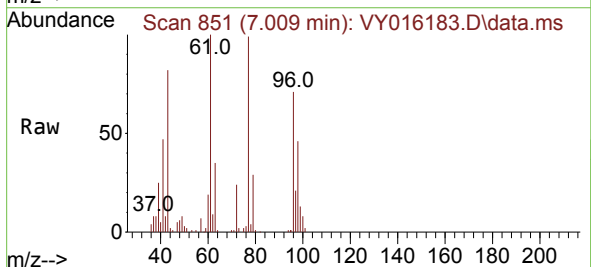
Instrument :
MSVOA_Y
ClientSampleId :

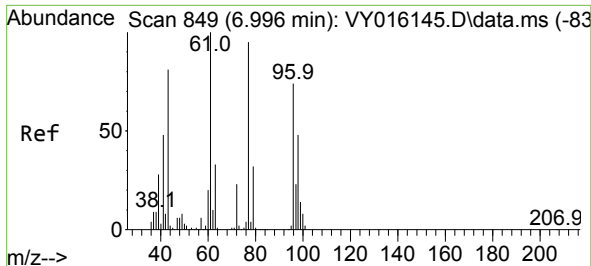
Tgt Ion: 43 Resp: 47711
Ion Ratio Lower Upper
43 100
72 28.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.214 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.018 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion: 77 Resp: 60243
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.631 ug/l

RT: 7.015 min Scan# 849

Delta R.T. 0.018 min

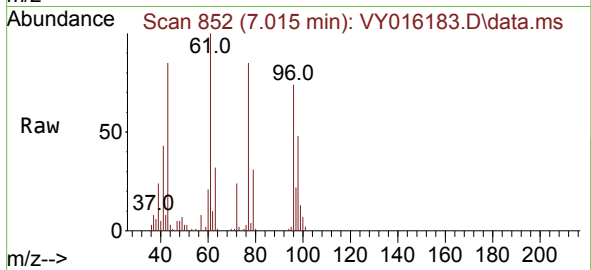
Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :



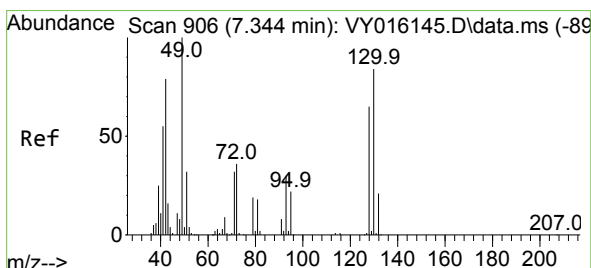
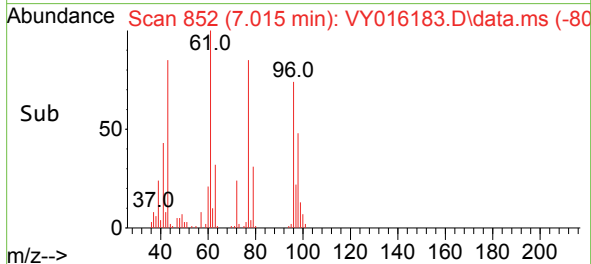
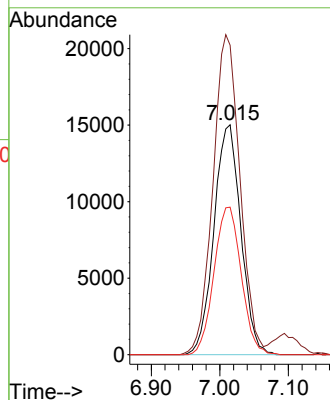
Tgt Ion: 96 Resp: 40975

Ion Ratio Lower Upper

96 100

61 139.8 0.0 301.4

98 64.9 0.0 130.4



#28

Bromochloromethane

Concen: 20.207 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.018 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

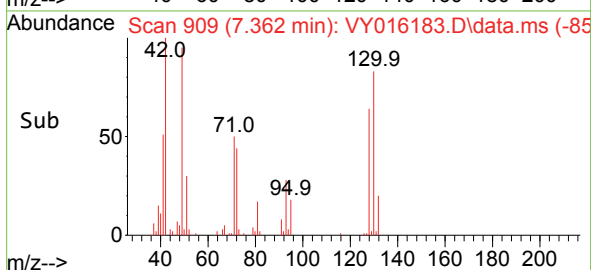
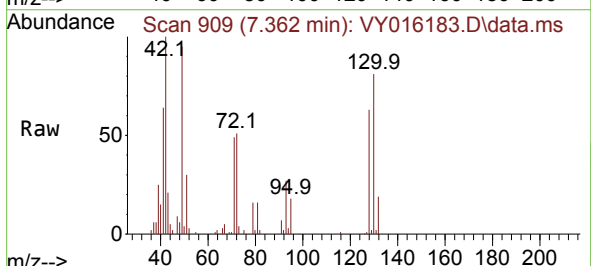
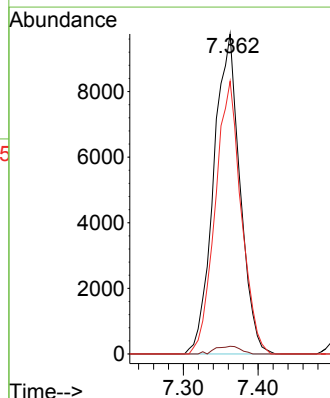
Tgt Ion: 49 Resp: 23839

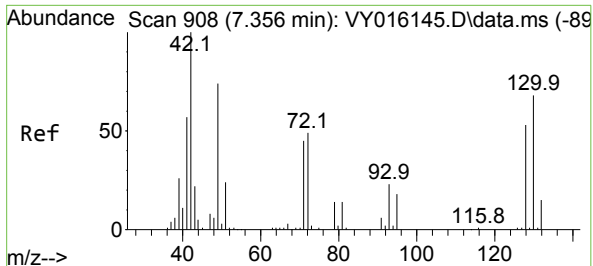
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 84.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 102.029 ug/l

RT: 7.375 min Scan# 911

Delta R.T. 0.018 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

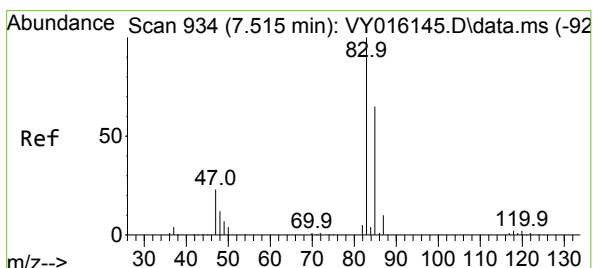
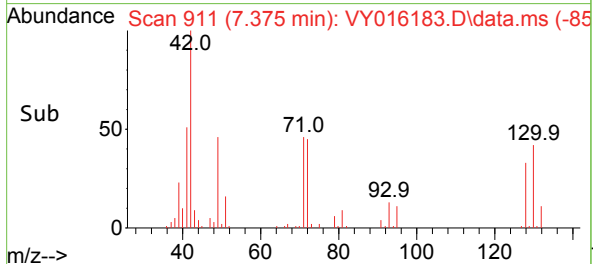
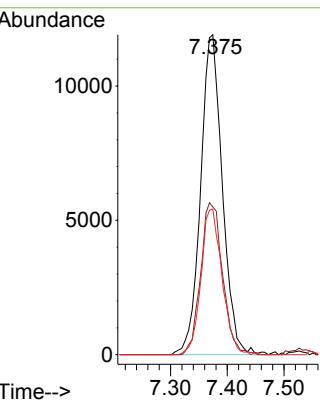
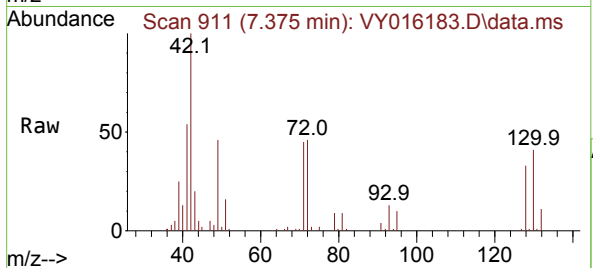
Tgt Ion: 42 Resp: 31772

Ion Ratio Lower Upper

42 100

72 47.9 32.8 49.2

71 44.0 31.0 46.4



#30

Chloroform

Concen: 20.399 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY016183.D

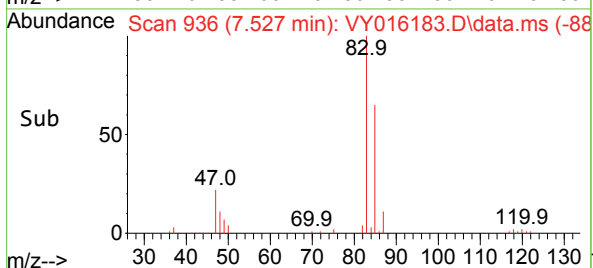
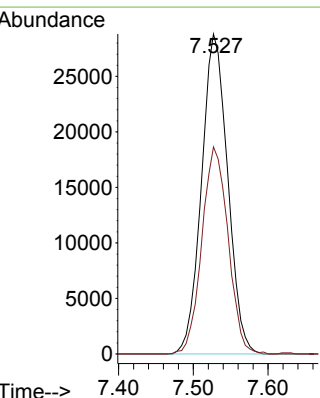
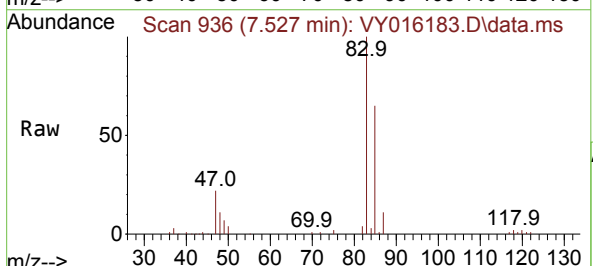
Acq: 02 Nov 2023 12:02

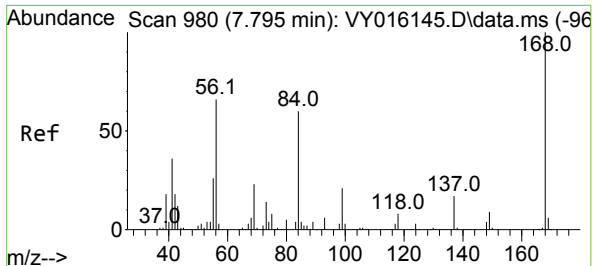
Tgt Ion: 83 Resp: 70018

Ion Ratio Lower Upper

83 100

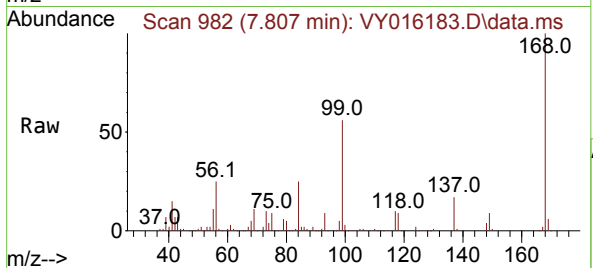
85 64.7 49.7 74.5



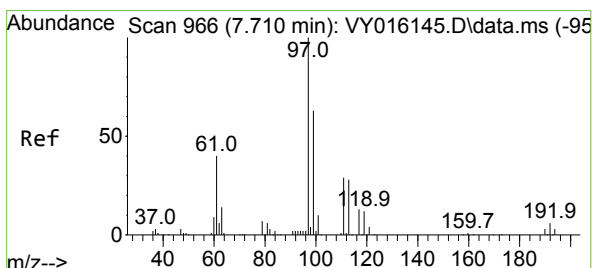
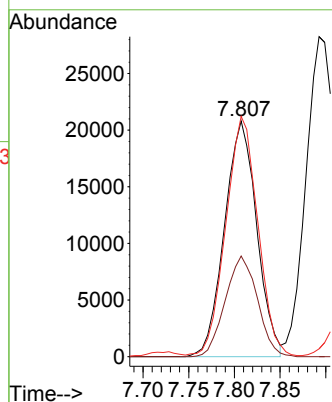
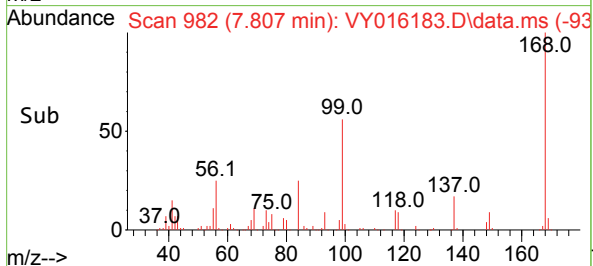


#31
Cyclohexane
Concen: 18.444 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

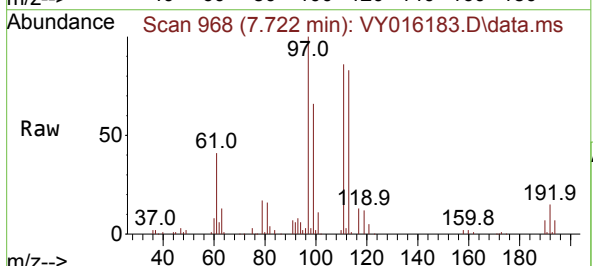
Instrument :
MSVOA_Y
ClientSampleId :



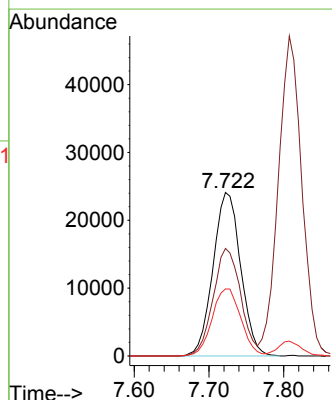
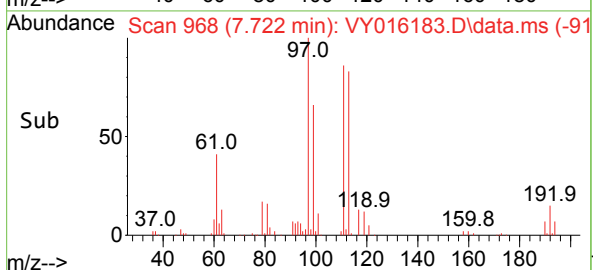
Tgt Ion: 56 Resp: 51051
Ion Ratio Lower Upper
56 100
69 42.7 27.8 41.6#
84 100.9 66.4 99.6#

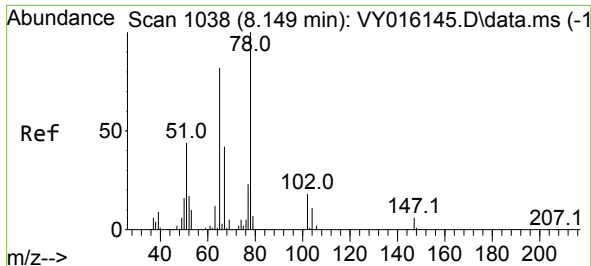


#32
1,1,1-Trichloroethane
Concen: 19.682 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02



Tgt Ion: 97 Resp: 61954
Ion Ratio Lower Upper
97 100
99 65.5 50.8 76.2
61 42.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.310 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

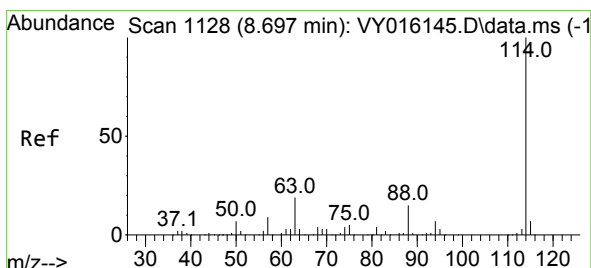
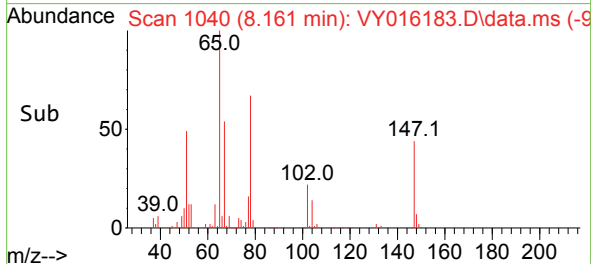
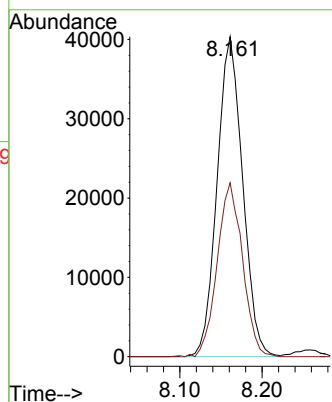
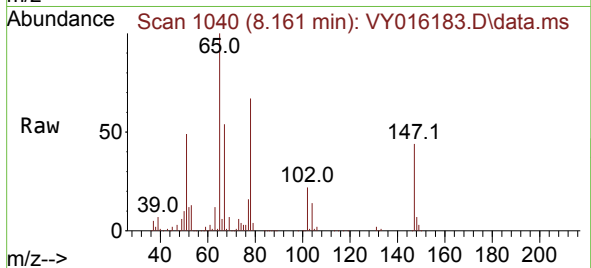
ClientSampleId :

Tgt Ion: 65 Resp: 86986

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

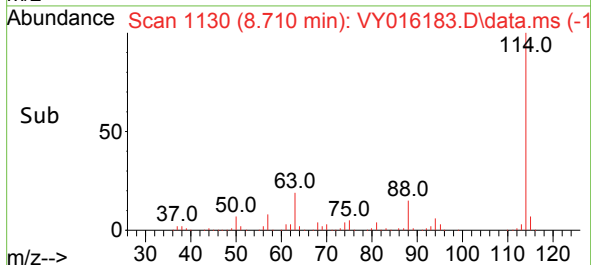
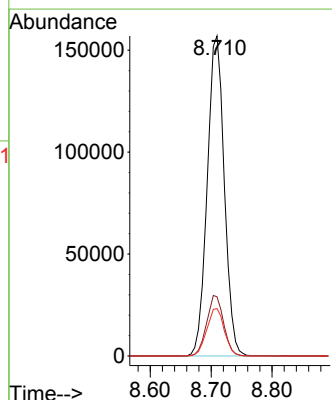
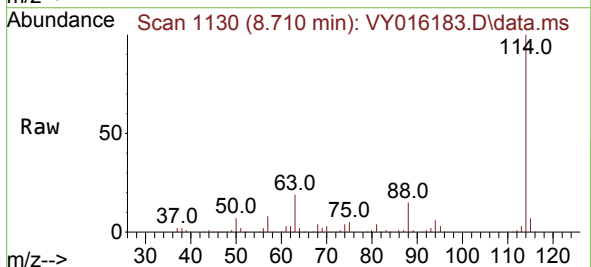
Tgt Ion: 114 Resp: 305285

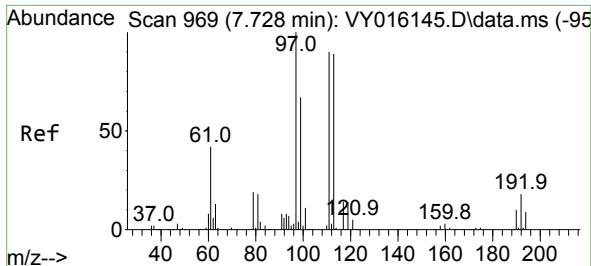
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.8 0.0 30.6

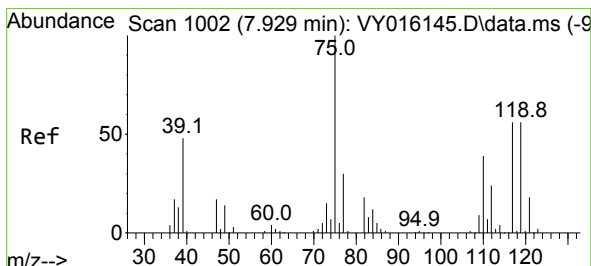
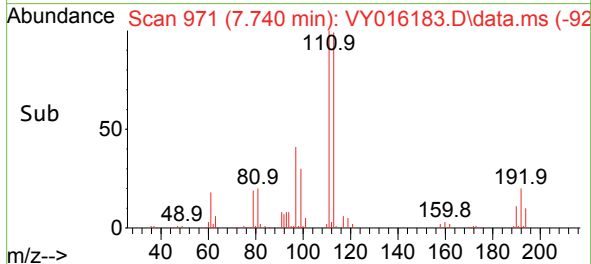
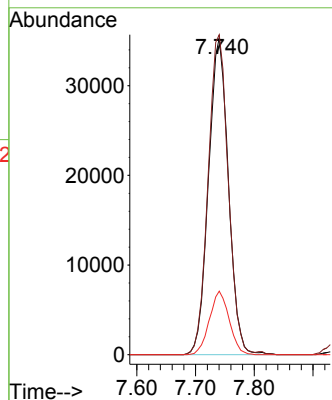
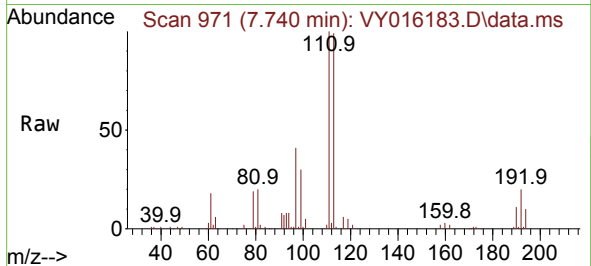




#35
Dibromofluoromethane
Concen: 45.699 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

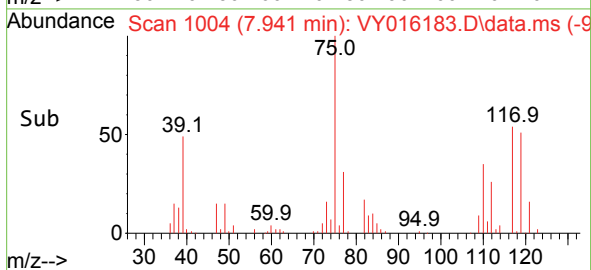
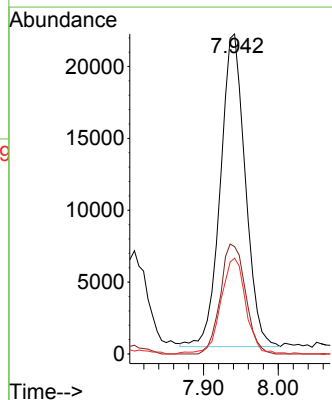
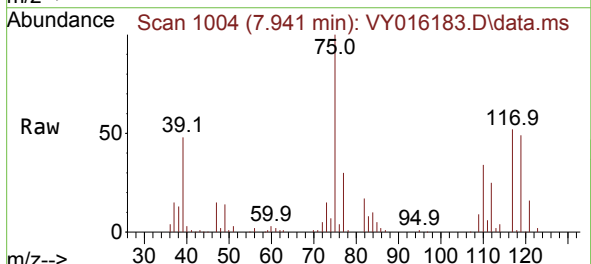
Instrument :
MSVOA_Y
ClientSampleId :

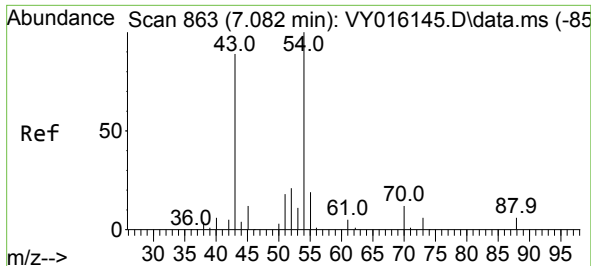
Tgt Ion:113 Resp: 83173
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.111 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion: 75 Resp: 50225
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 20.390 ug/l

RT: 7.094 min Scan# 81

Delta R.T. 0.012 min

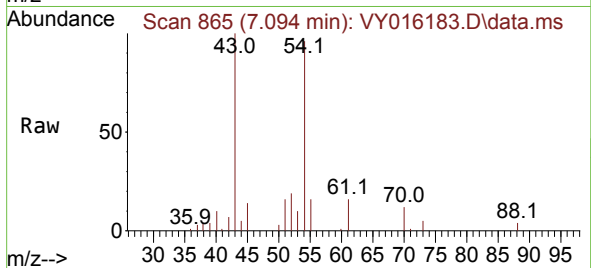
Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :



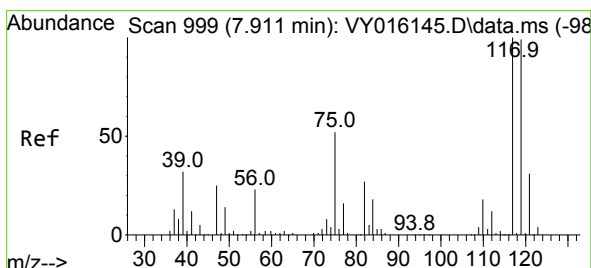
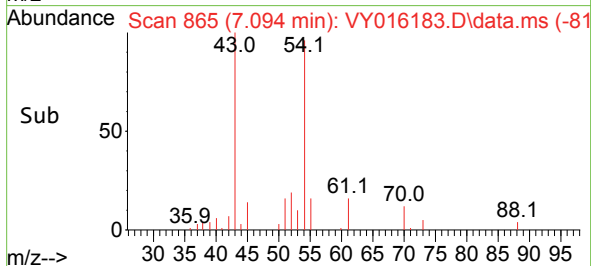
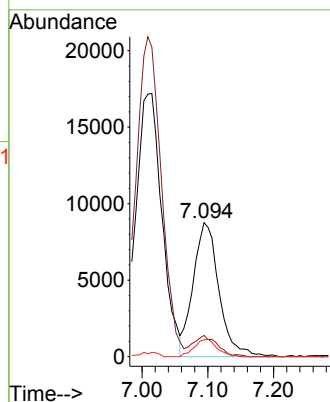
Tgt Ion: 43 Resp: 23867

Ion Ratio Lower Upper

43 100

61 14.2 10.1 15.1

70 11.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.490 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

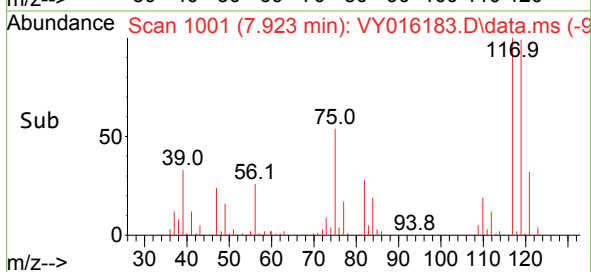
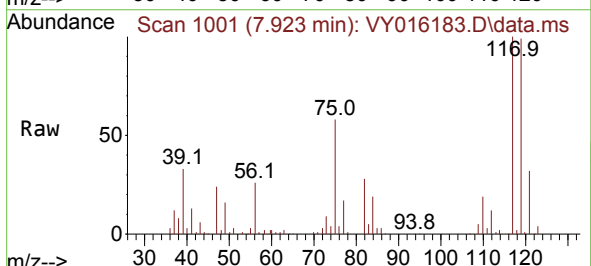
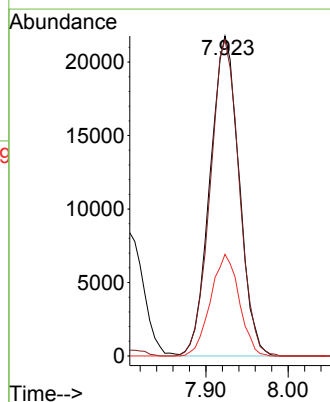
Tgt Ion: 117 Resp: 53350

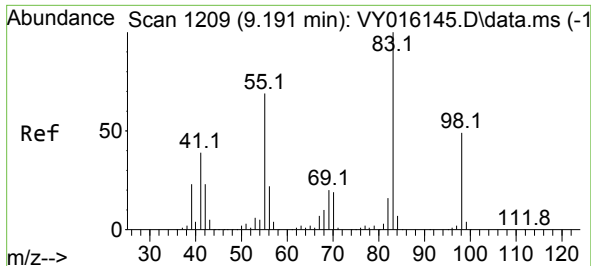
Ion Ratio Lower Upper

117 100

119 98.7 76.4 114.6

121 31.8 25.8 38.6





#39

Methylcyclohexane

Concen: 18.827 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

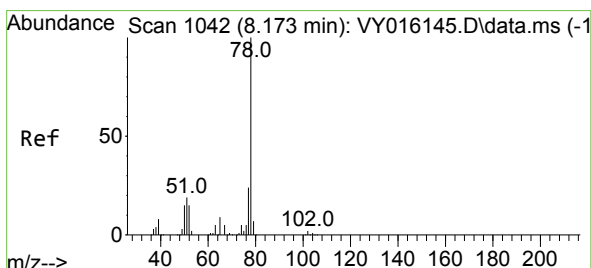
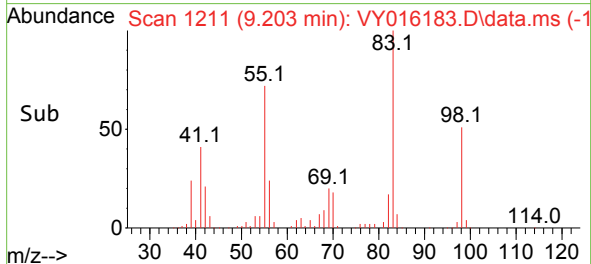
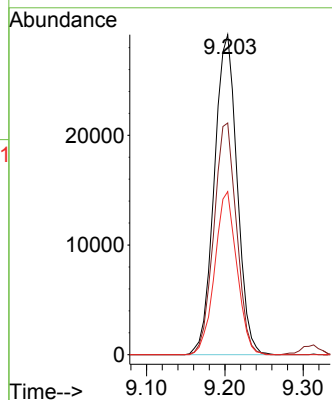
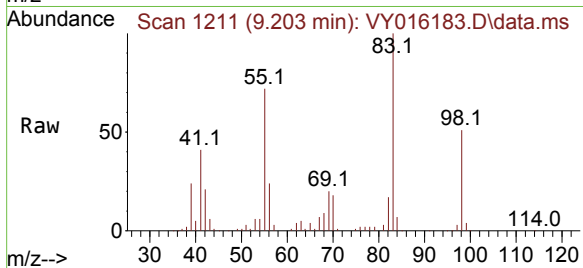
Tgt Ion: 83 Resp: 59063

Ion Ratio Lower Upper

83 100

55 72.4 63.0 94.4

98 50.9 37.4 56.2



#40

Benzene

Concen: 19.591 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016183.D

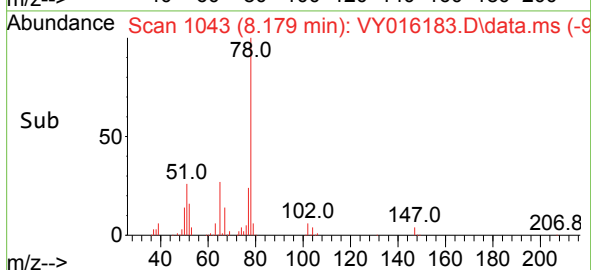
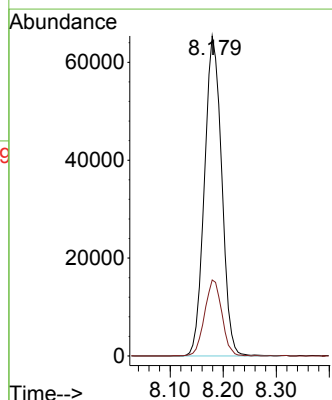
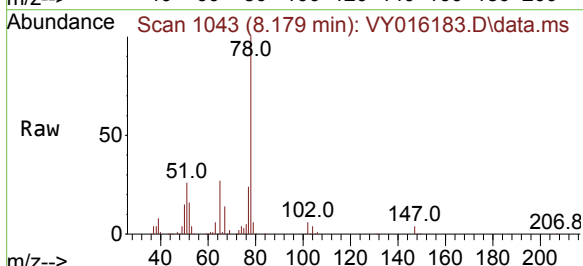
Acq: 02 Nov 2023 12:02

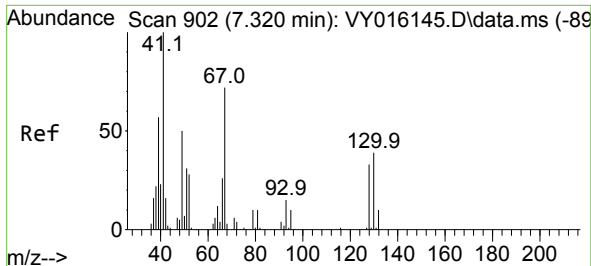
Tgt Ion: 78 Resp: 147813

Ion Ratio Lower Upper

78 100

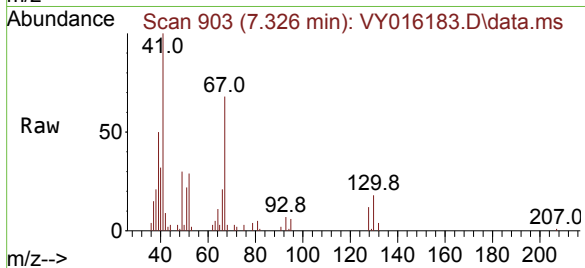
77 23.7 19.0 28.6





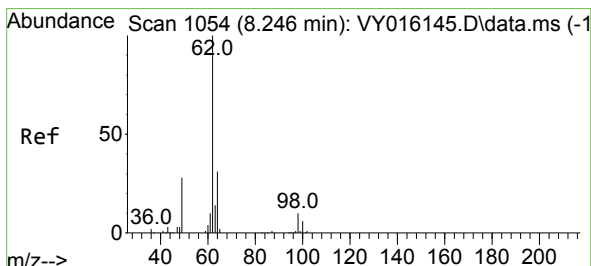
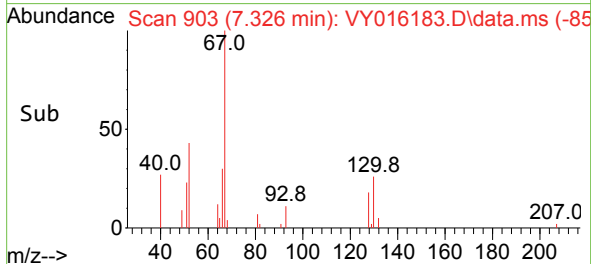
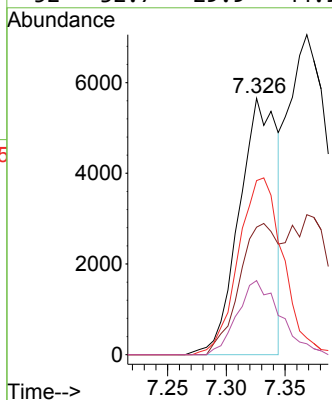
#41
Methacrylonitrile
Concen: 18.684 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 12695

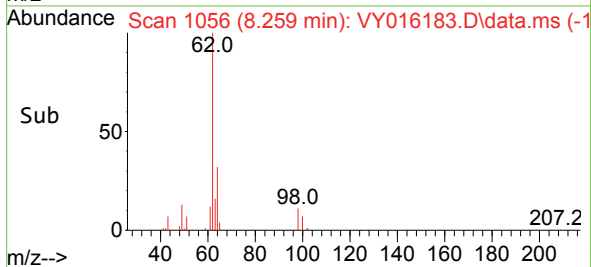
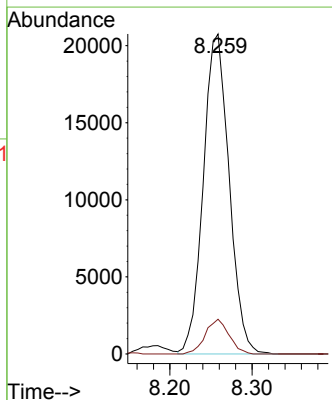
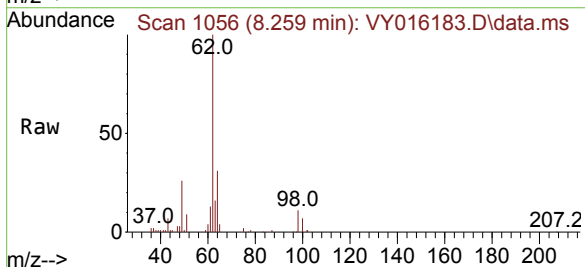
Ion	Ratio	Lower	Upper
41	100		
39	51.5	52.1	78.1#
67	81.2	66.2	99.2
52	32.7	29.9	44.9

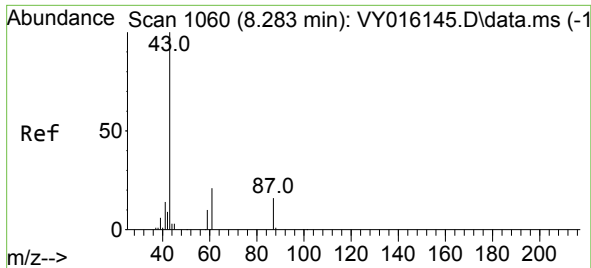


#42
1,2-Dichloroethane
Concen: 21.513 ug/l
RT: 8.259 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion: 62 Resp: 45297

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	15.8

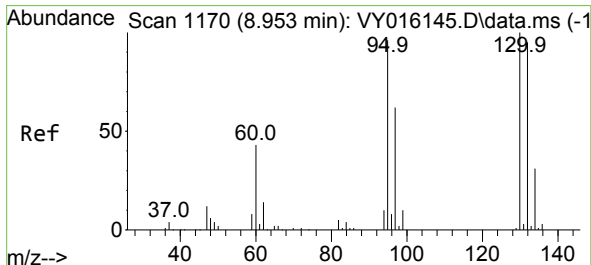
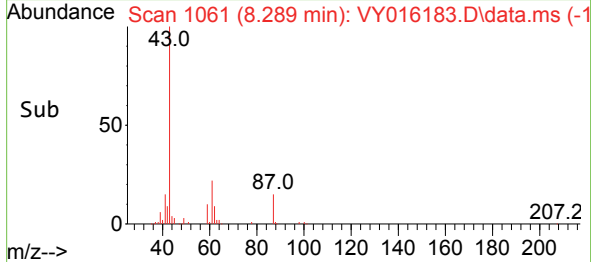
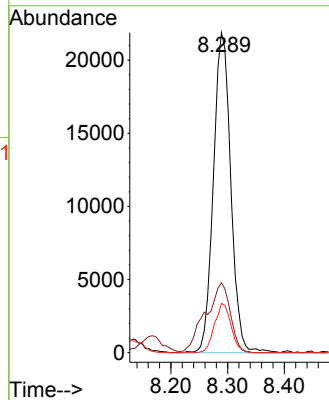
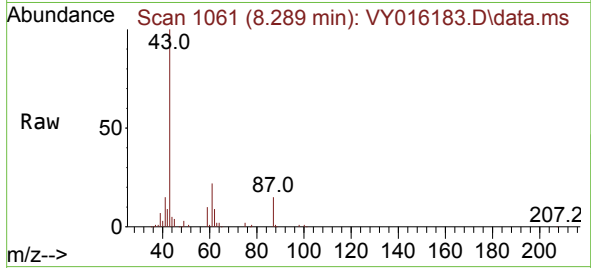




#43
Isopropyl Acetate
Concen: 20.134 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

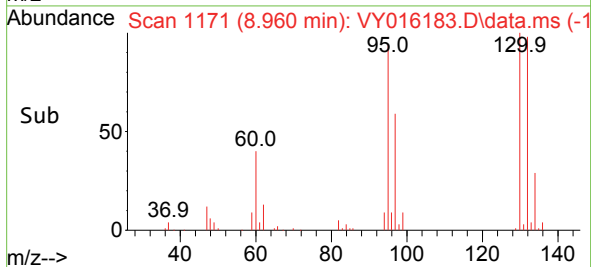
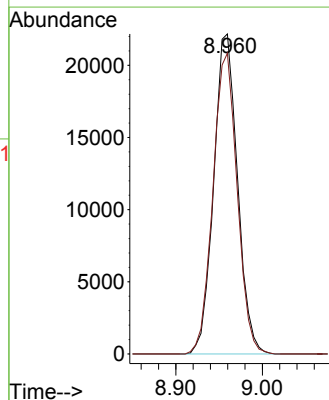
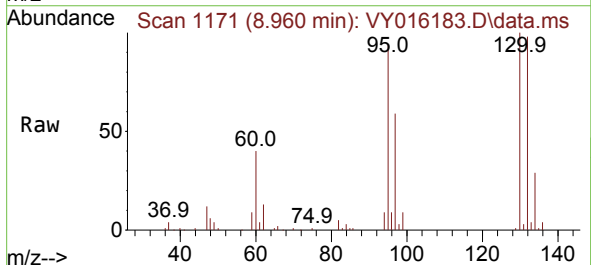
Instrument :
MSVOA_Y
ClientSampleId :

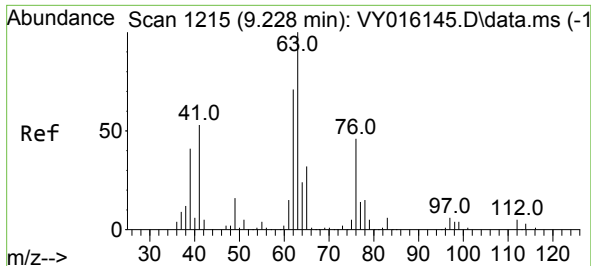
Tgt Ion: 43 Resp: 46618
Ion Ratio Lower Upper
43 100
61 31.0 21.1 31.7
87 14.7 9.8 14.8



#44
Trichloroethene
Concen: 19.154 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion:130 Resp: 42292
Ion Ratio Lower Upper
130 100
95 94.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.372 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

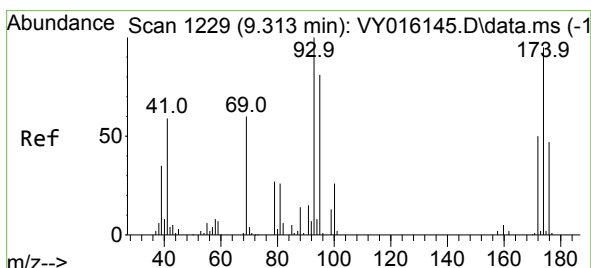
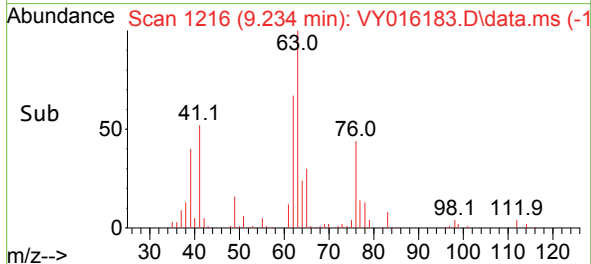
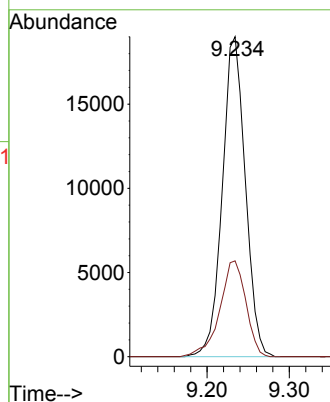
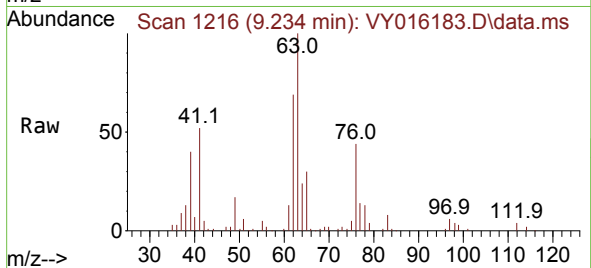
ClientSampleId :

Tgt Ion: 63 Resp: 36976

Ion Ratio Lower Upper

63 100

65 30.0 23.8 35.6



#46

Dibromomethane

Concen: 19.675 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

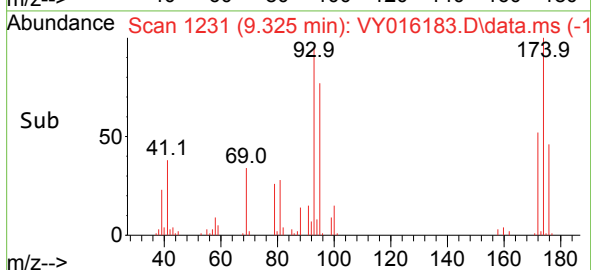
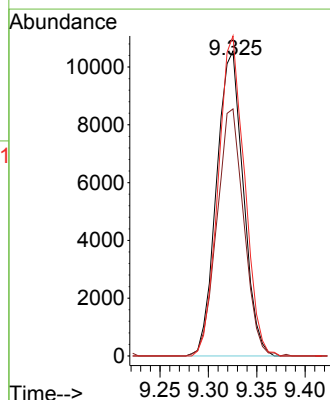
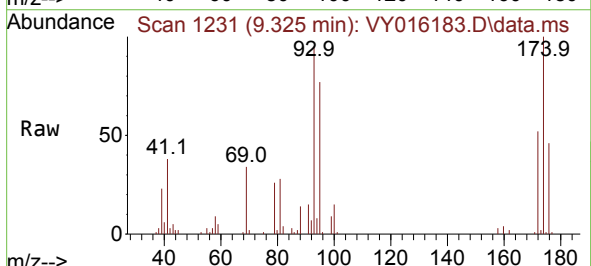
Tgt Ion: 93 Resp: 20258

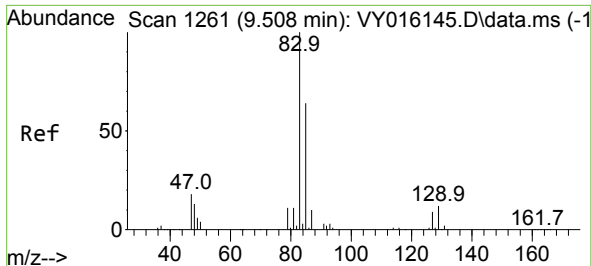
Ion Ratio Lower Upper

93 100

95 81.4 66.6 100.0

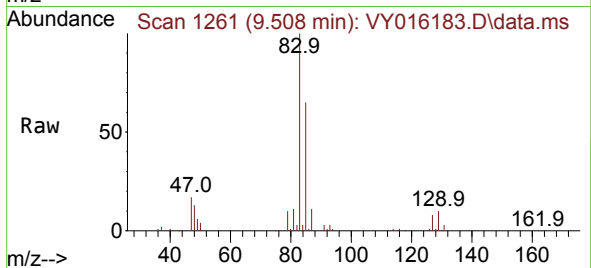
174 103.3 84.8 127.2



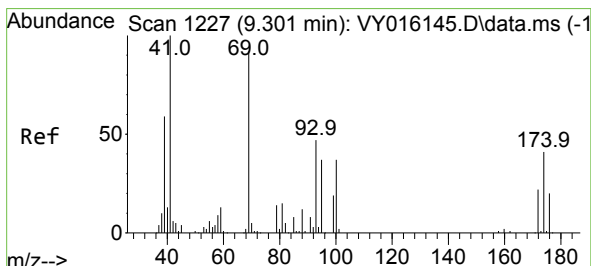
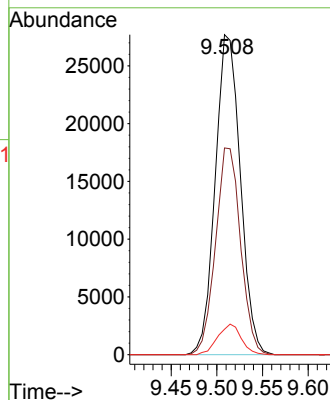
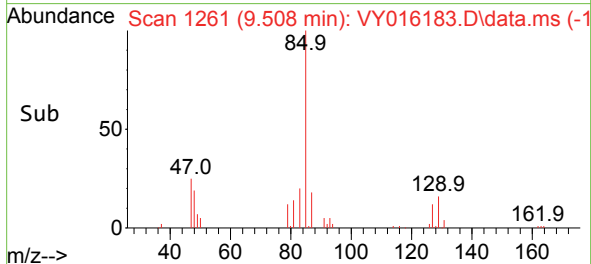


#47
Bromodichloromethane
Concen: 20.233 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :

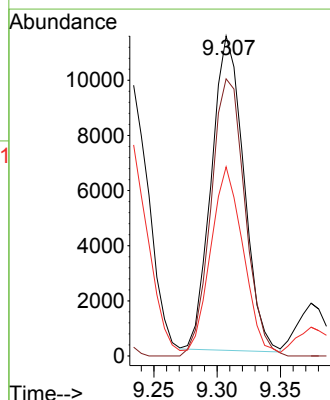
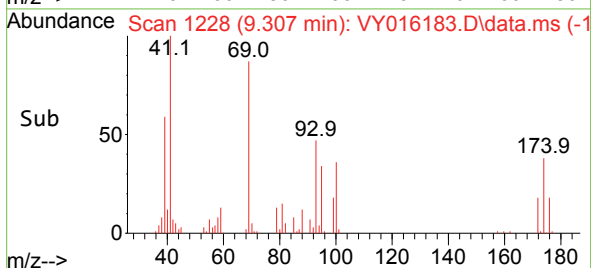
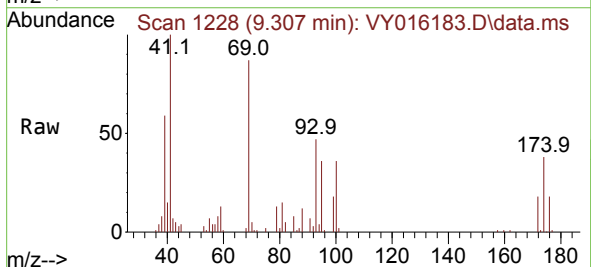


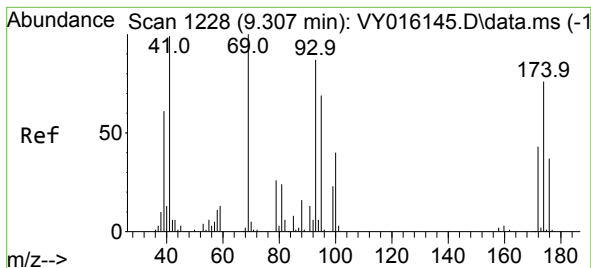
Tgt Ion: 83 Resp: 52929
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 8.0 7.1 10.7



#48
Methyl methacrylate
Concen: 19.281 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion: 41 Resp: 20300
Ion Ratio Lower Upper
41 100
69 92.5 64.5 96.7
39 61.2 50.8 76.2





#49

1,4-Dioxane

Concen: 272.383 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

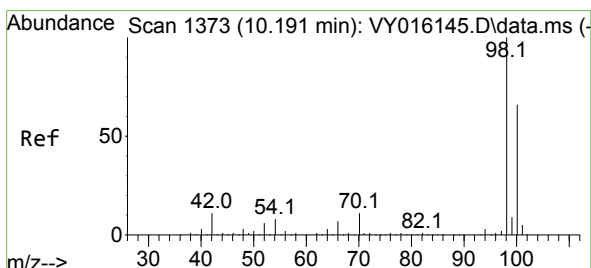
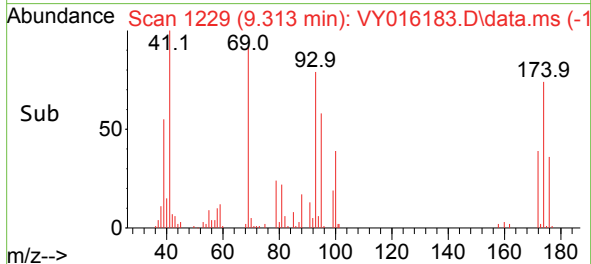
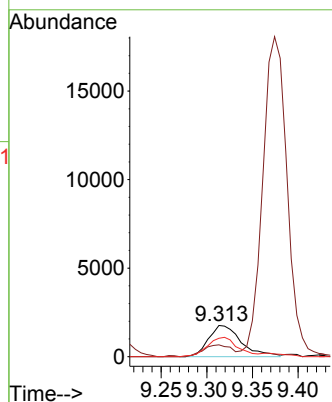
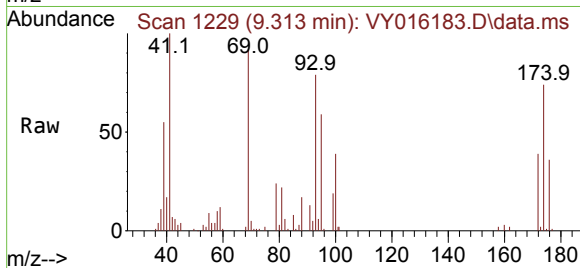
Tgt Ion: 88 Resp: 4371

Ion Ratio Lower Upper

88 100

43 32.2 0.0 0.0#

58 57.6 30.9 46.3#



#50

Toluene-d8

Concen: 47.865 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016183.D

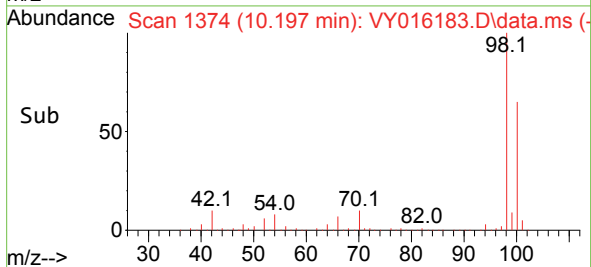
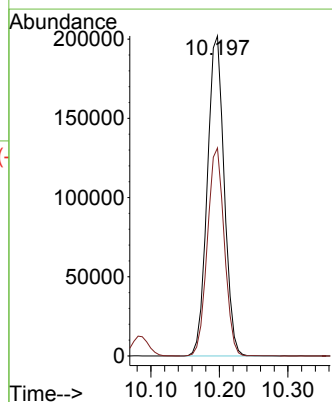
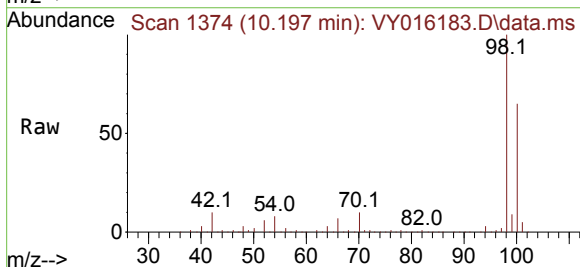
Acq: 02 Nov 2023 12:02

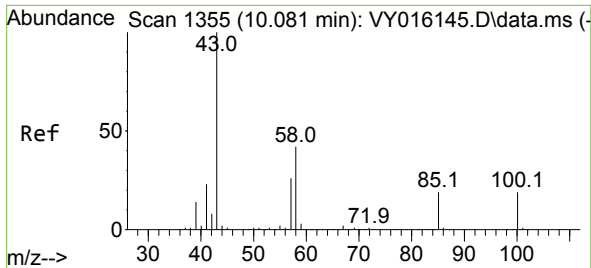
Tgt Ion: 98 Resp: 345392

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 104.245 ug/l

RT: 10.081 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

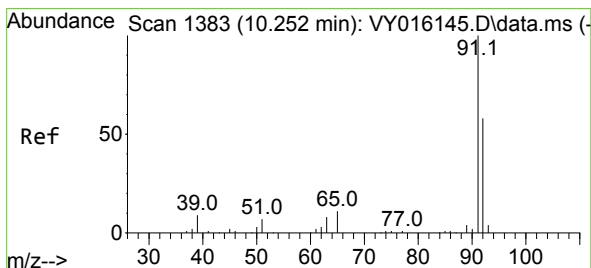
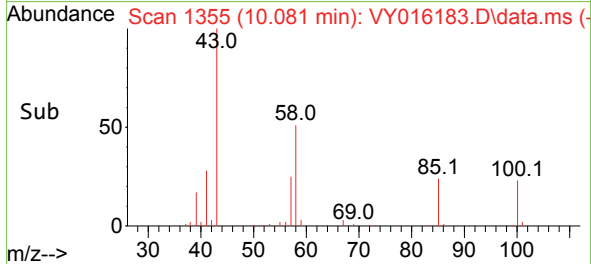
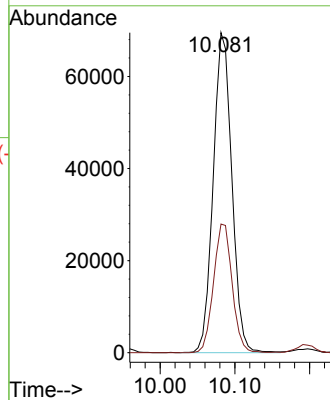
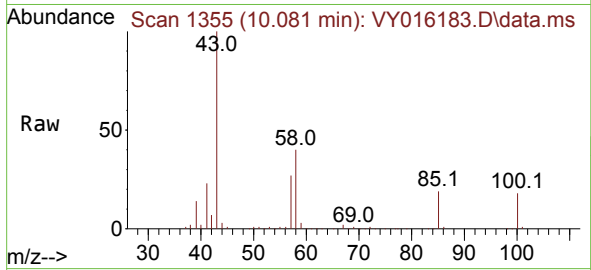
ClientSampleId :

Tgt Ion: 43 Resp: 120436

Ion Ratio Lower Upper

43 100

58 40.2 29.0 43.6



#52

Toluene

Concen: 20.901 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016183.D

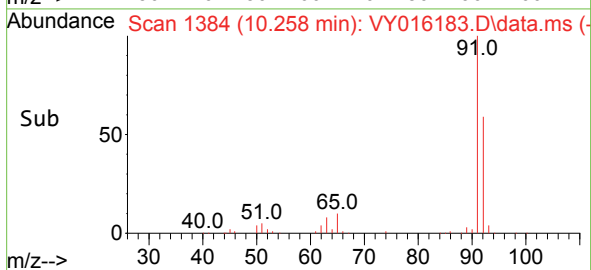
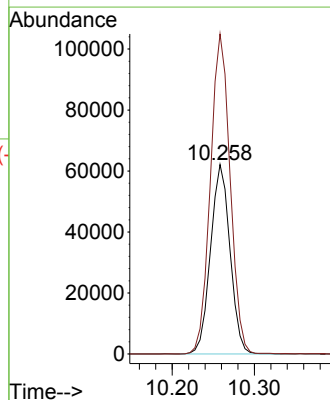
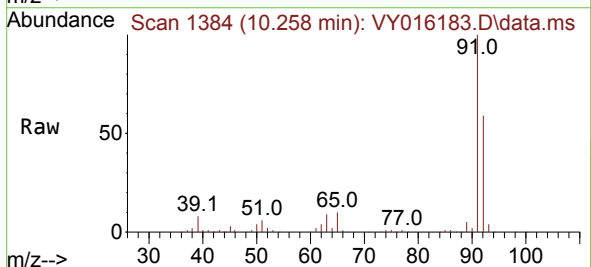
Acq: 02 Nov 2023 12:02

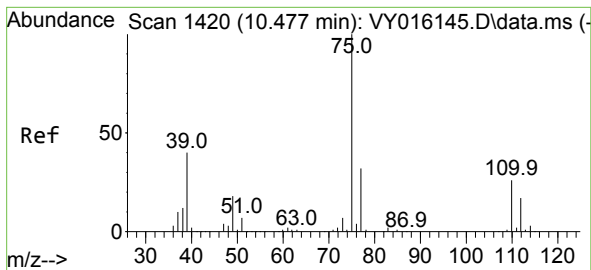
Tgt Ion: 92 Resp: 102187

Ion Ratio Lower Upper

92 100

91 171.3 143.8 215.6

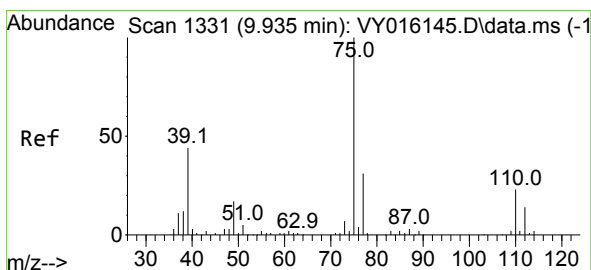
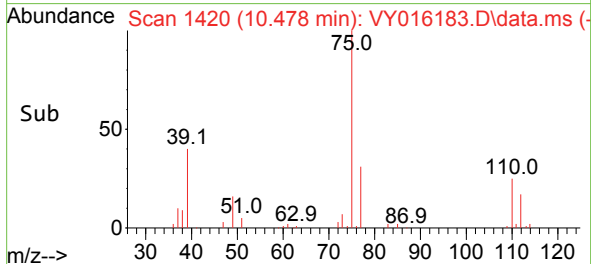
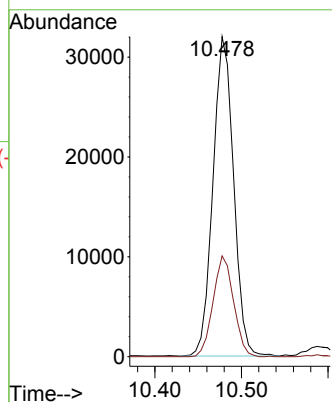
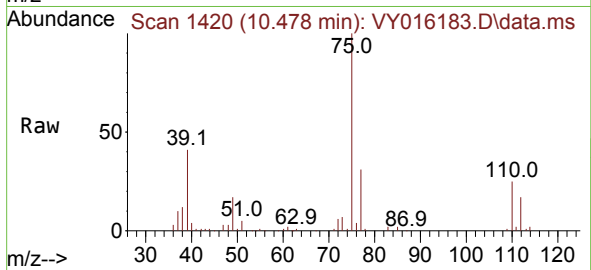




#53
 t-1,3-Dichloropropene
 Concen: 20.273 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VY016183.D
 Acq: 02 Nov 2023 12:02

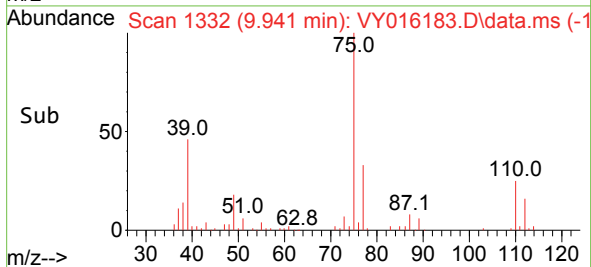
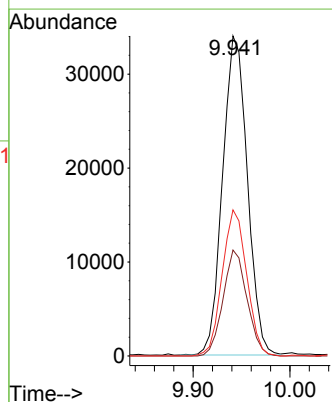
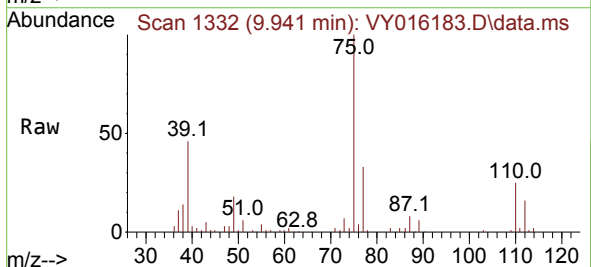
Instrument :
 MSVOA_Y
 ClientSampleId :

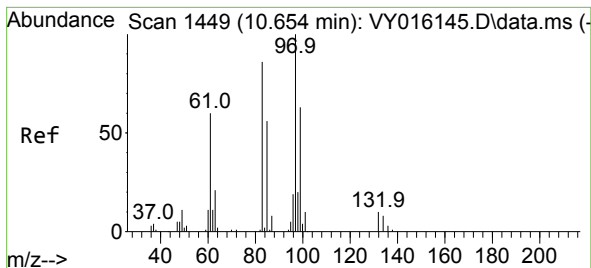
Tgt Ion: 75 Resp: 52943
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.699 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY016183.D
 Acq: 02 Nov 2023 12:02

Tgt Ion: 75 Resp: 60366
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.2 36.4
 39 45.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.103 ug/l

RT: 10.661 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 29116

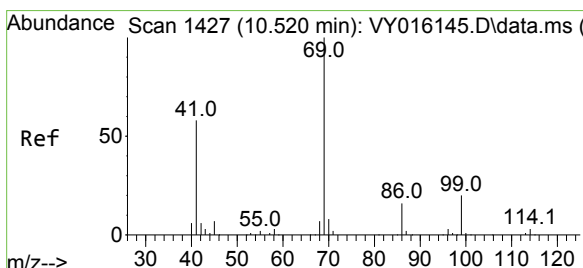
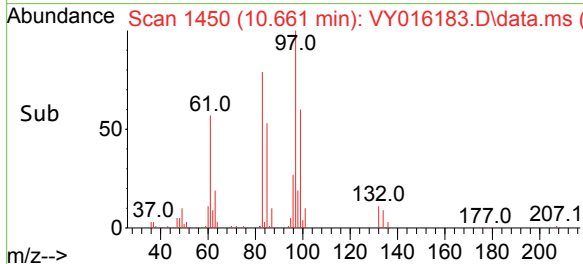
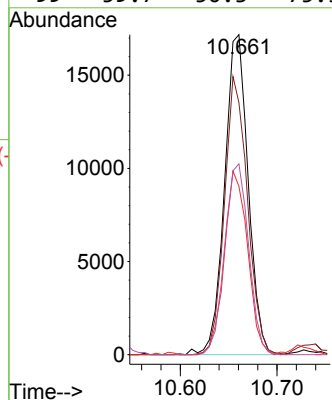
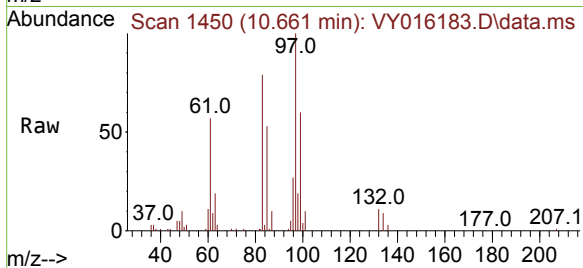
Ion Ratio Lower Upper

97 100

83 78.4 72.0 108.0

85 52.6 45.4 68.0

99 59.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.049 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

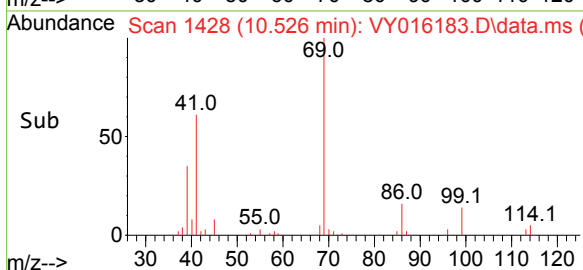
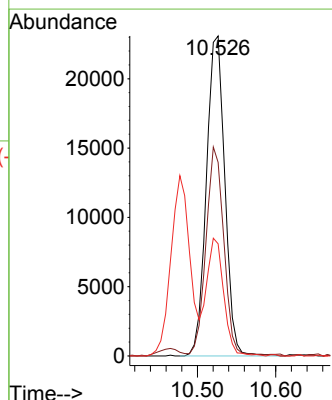
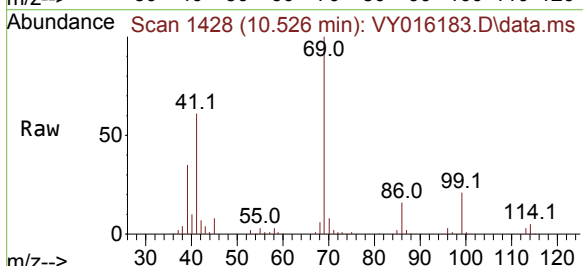
Tgt Ion: 69 Resp: 37710

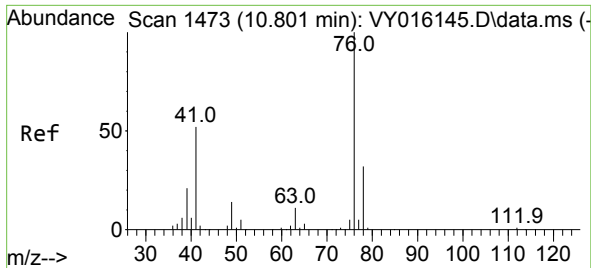
Ion Ratio Lower Upper

69 100

41 62.5 57.6 86.4

39 34.4 34.1 51.1

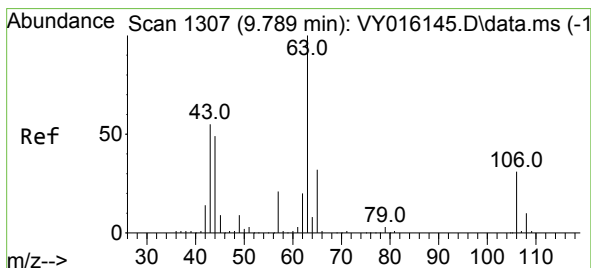
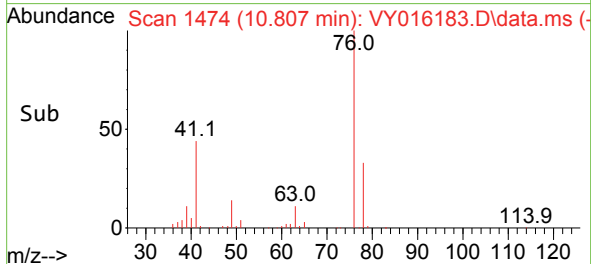
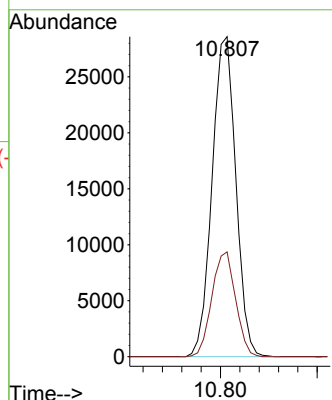
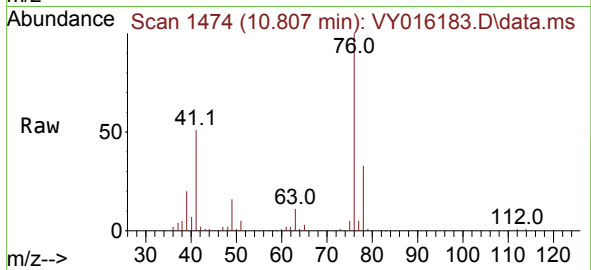




#57
1,3-Dichloropropane
Concen: 19.753 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

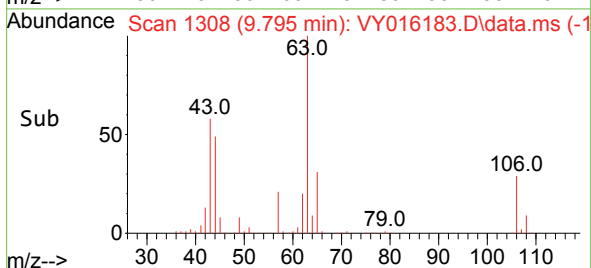
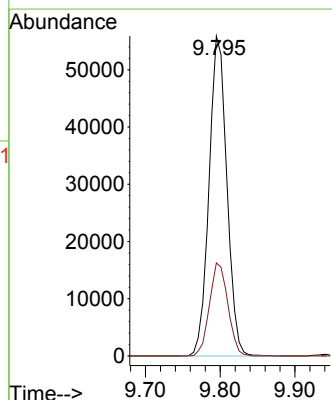
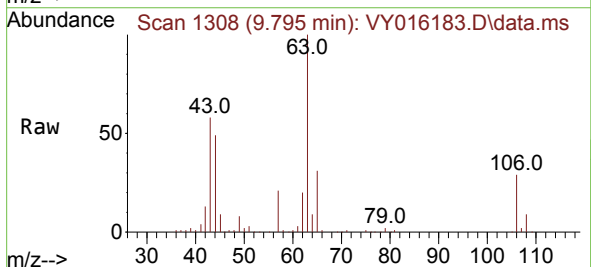
Instrument :
MSVOA_Y
ClientSampleId :

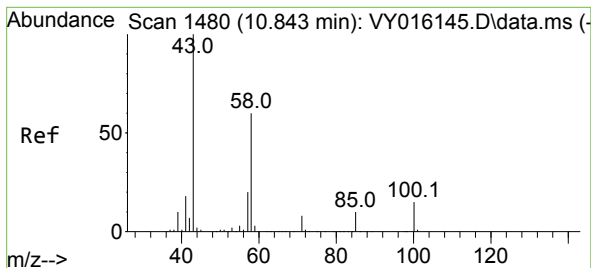
Tgt Ion: 76 Resp: 48703
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 101.502 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion: 63 Resp: 92577
Ion Ratio Lower Upper
63 100
106 30.0 21.2 31.8

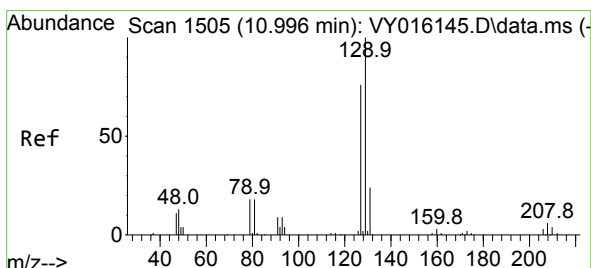
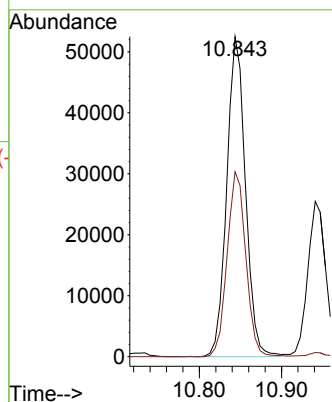
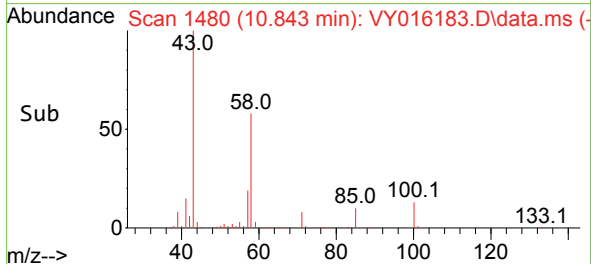
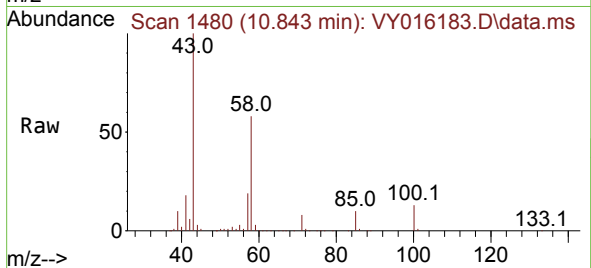




#59
2-Hexanone
Concen: 104.950 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

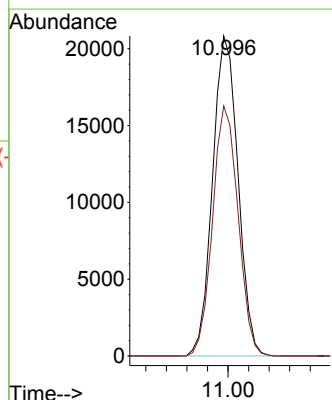
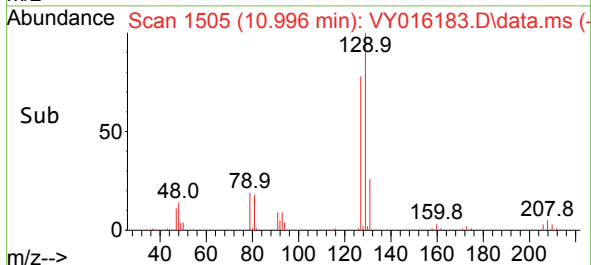
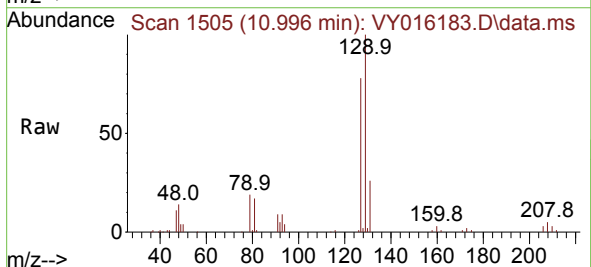
Instrument :
MSVOA_Y
ClientSampleId :

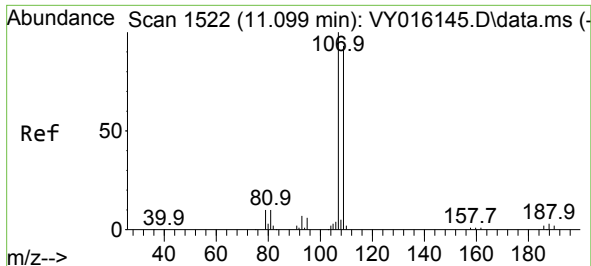
Tgt Ion: 43 Resp: 83088
Ion Ratio Lower Upper
43 100
58 57.8 25.1 75.3



#60
Dibromochloromethane
Concen: 19.684 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion: 129 Resp: 35765
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5

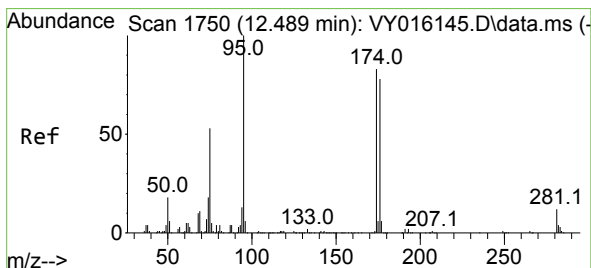
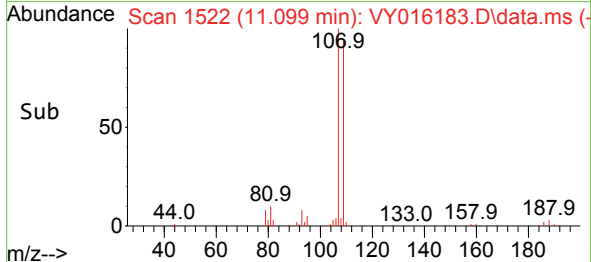
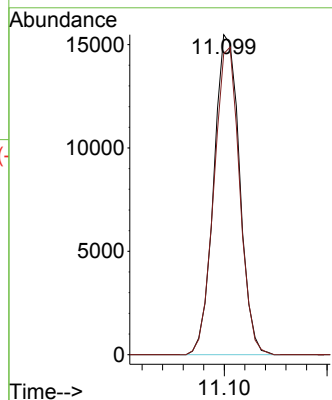
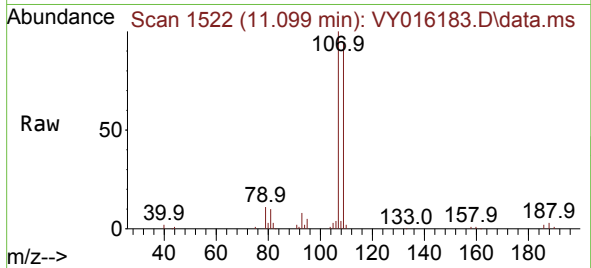




#61
1,2-Dibromoethane
Concen: 19.523 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

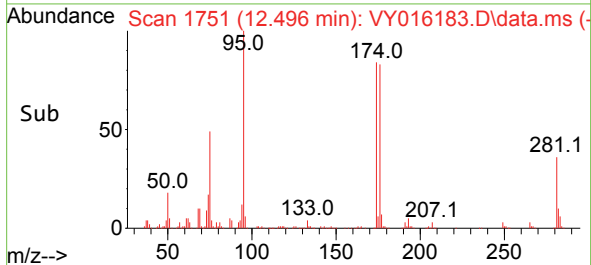
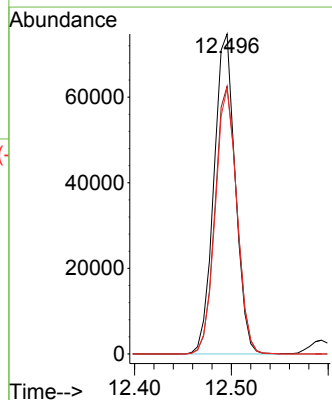
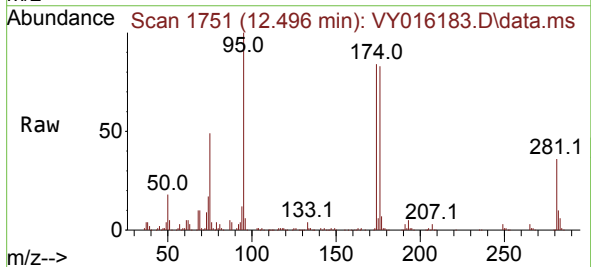
Instrument :
MSVOA_Y
ClientSampleId :

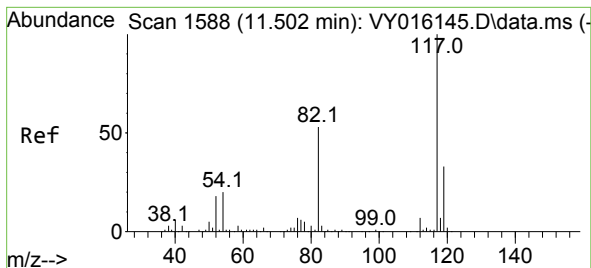
Tgt Ion:107 Resp: 26895
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.475 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion: 95 Resp: 114678
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 83.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

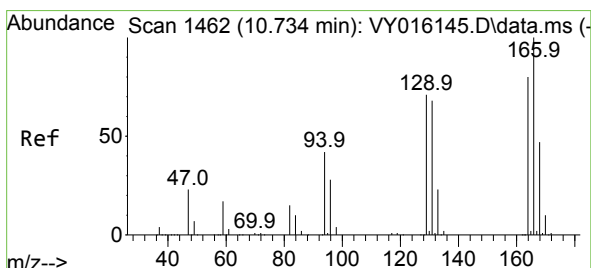
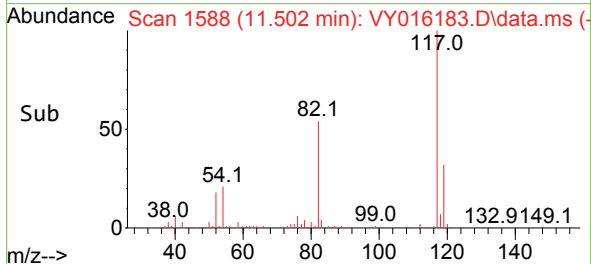
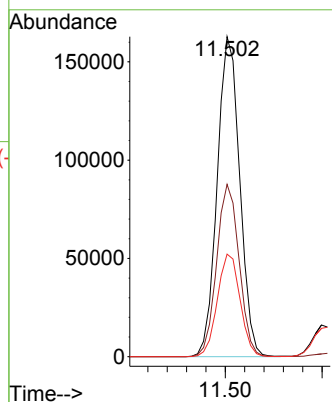
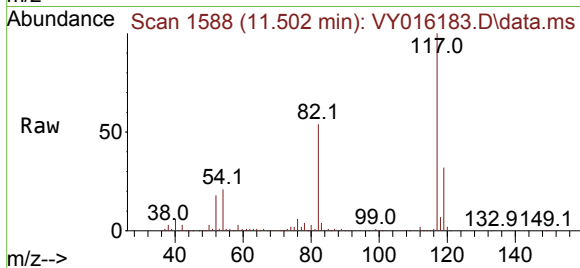
Tgt Ion:117 Resp: 262972

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 32.0 26.3 39.5



#64

Tetrachloroethene

Concen: 18.087 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Tgt Ion:164 Resp: 42307

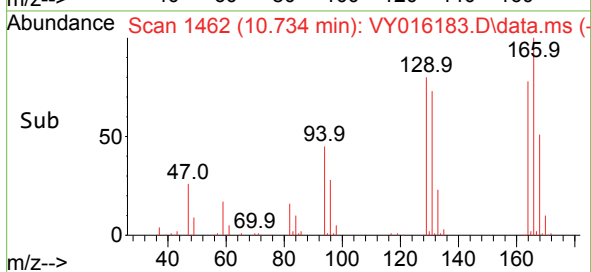
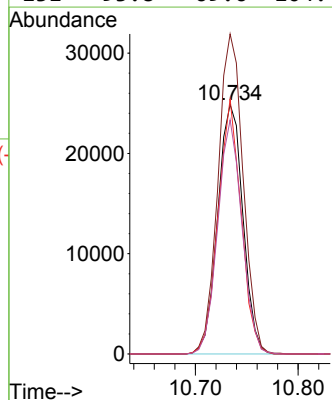
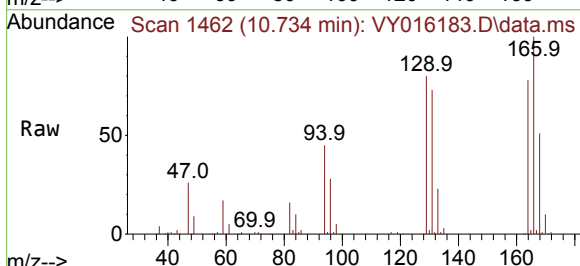
Ion Ratio Lower Upper

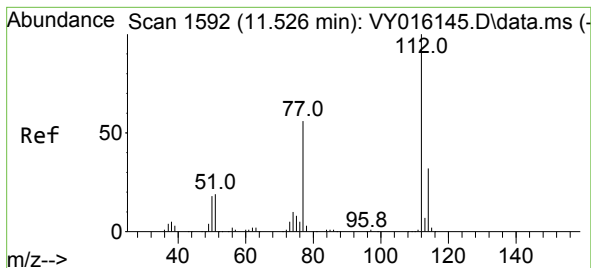
164 100

166 128.2 103.0 154.6

129 102.1 77.2 115.8

131 93.8 69.6 104.4





#65

Chlorobenzene

Concen: 19.902 ug/l

RT: 11.526 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

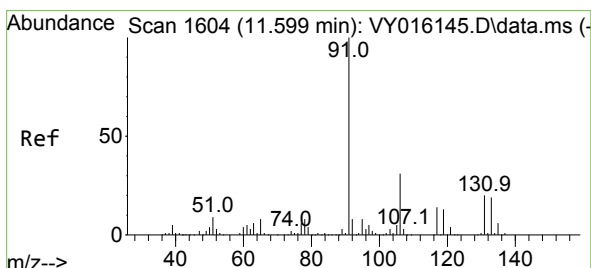
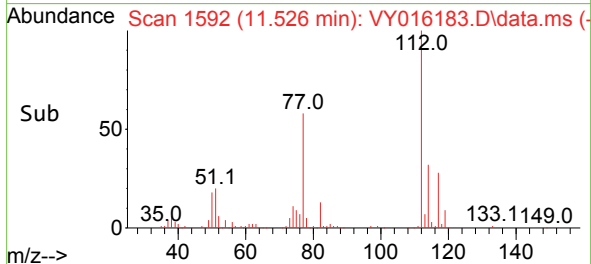
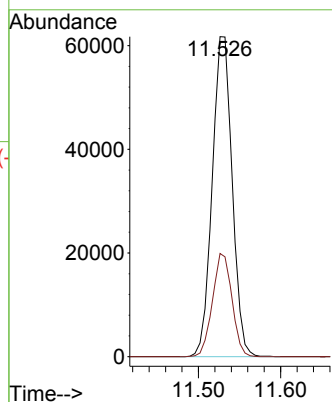
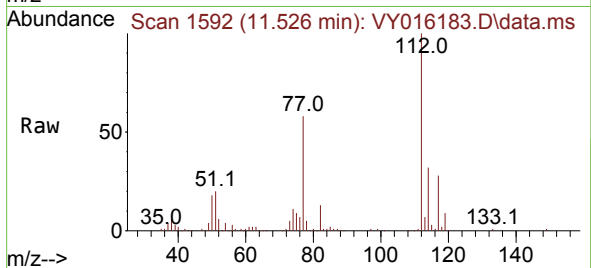
ClientSampleId :

Tgt Ion:112 Resp: 103983

Ion Ratio Lower Upper

112 100

114 32.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.351 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

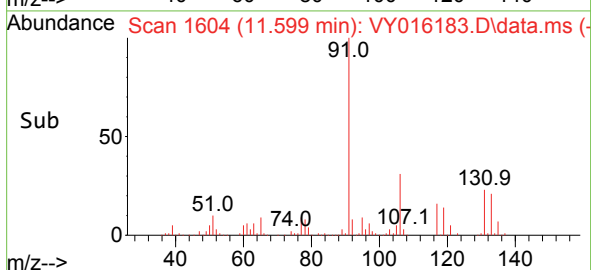
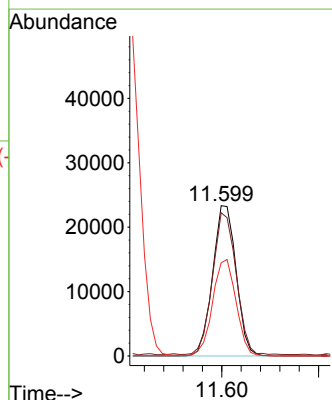
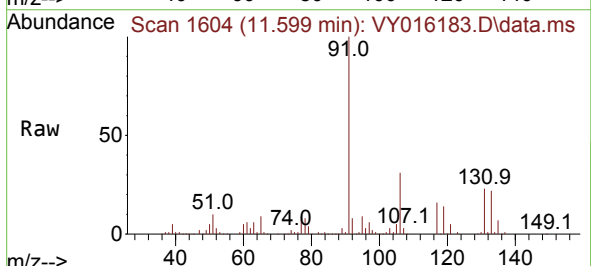
Tgt Ion:131 Resp: 39382

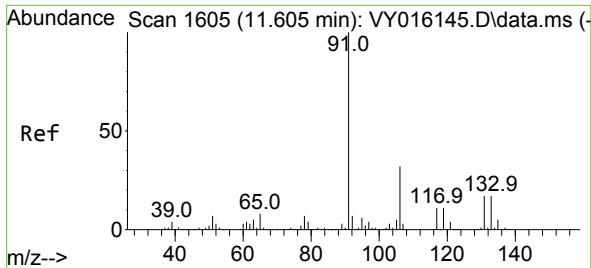
Ion Ratio Lower Upper

131 100

133 94.6 47.5 142.6

119 64.1 31.6 94.7

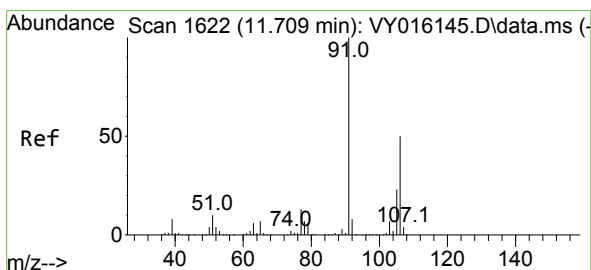
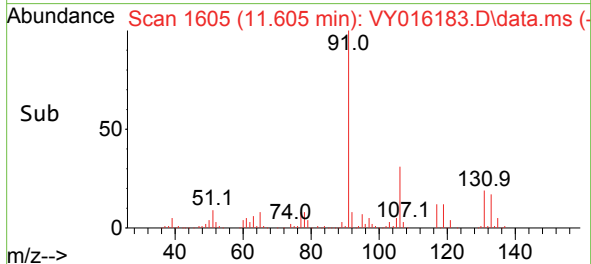
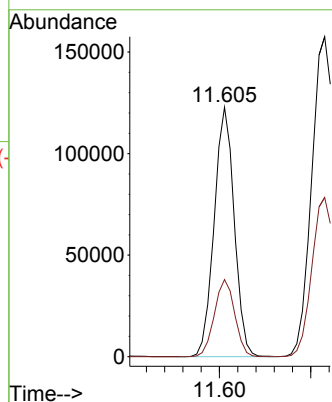
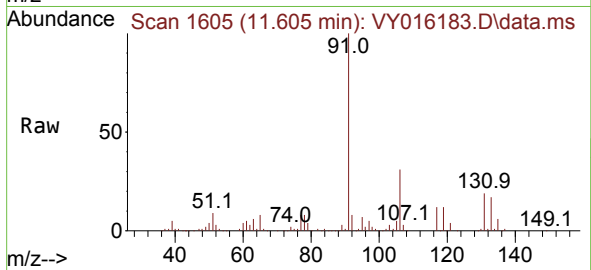




#67
Ethyl Benzene
Concen: 20.009 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.000 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

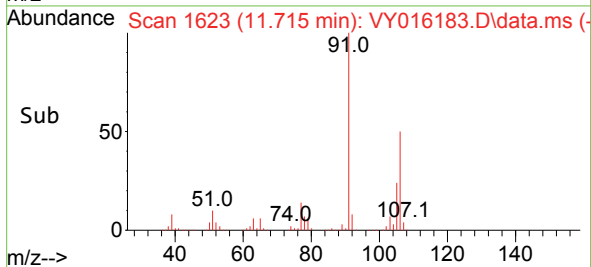
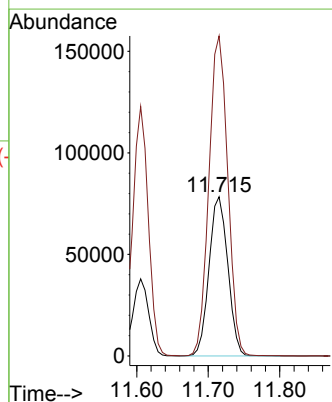
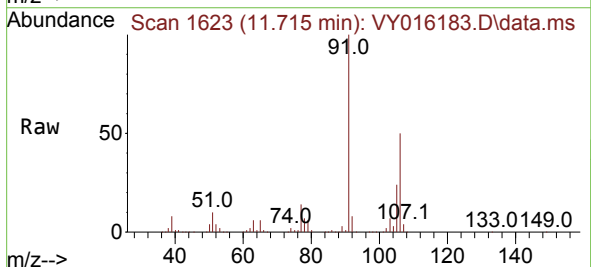
Instrument :
MSVOA_Y
ClientSampleId :

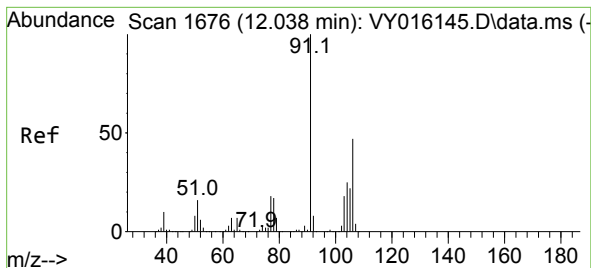
Tgt Ion: 91 Resp: 186984
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 39.675 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion:106 Resp: 143267
Ion Ratio Lower Upper
106 100
91 201.7 166.1 249.1

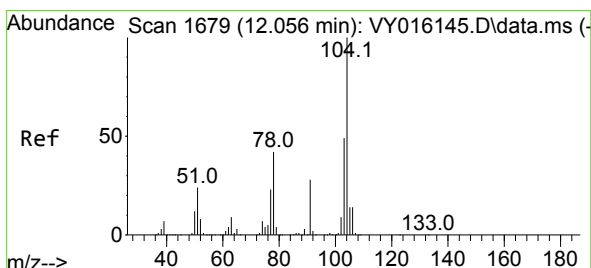
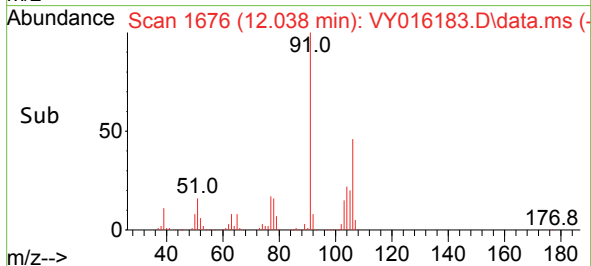
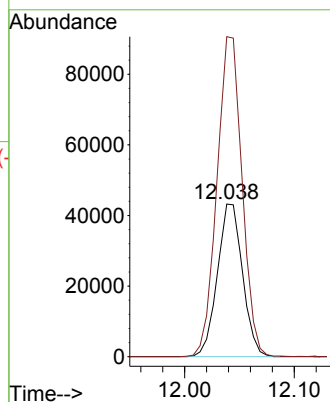
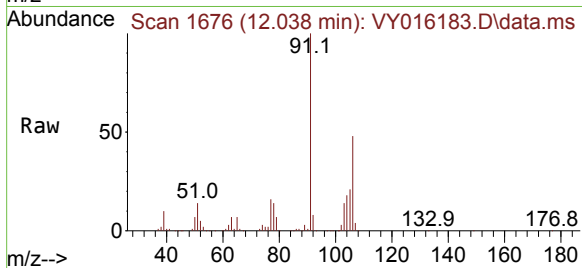




#69
o-Xylene
Concen: 19.993 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

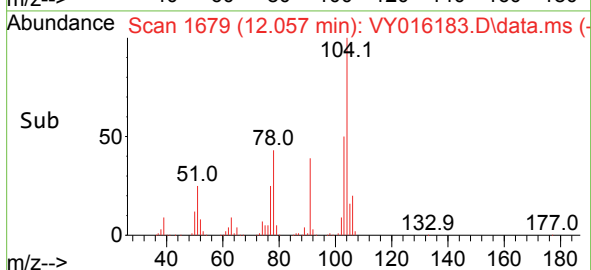
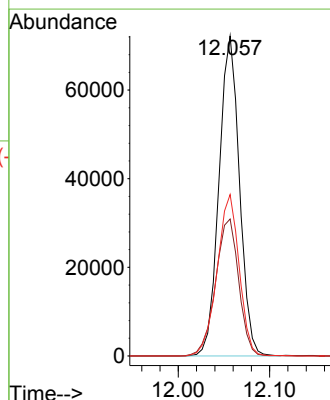
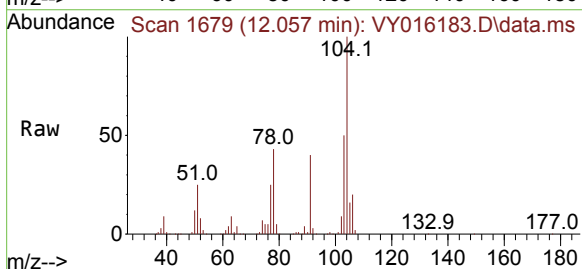
Instrument :
MSVOA_Y
ClientSampleId :

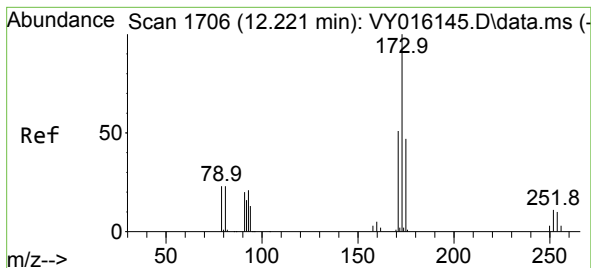
Tgt Ion:106 Resp: 68931
Ion Ratio Lower Upper
106 100
91 209.9 108.1 324.3



#70
Styrene
Concen: 19.602 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion:104 Resp: 112350
Ion Ratio Lower Upper
104 100
78 48.5 41.5 62.3
103 54.5 44.6 67.0





#71

Bromoform

Concen: 20.089 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

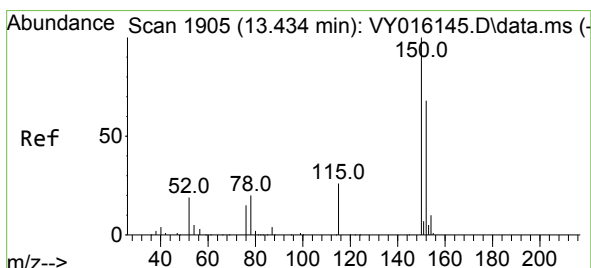
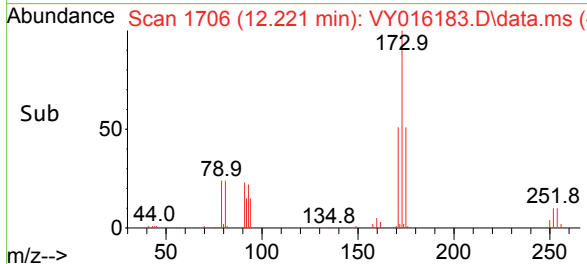
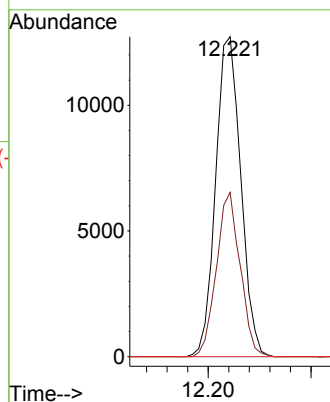
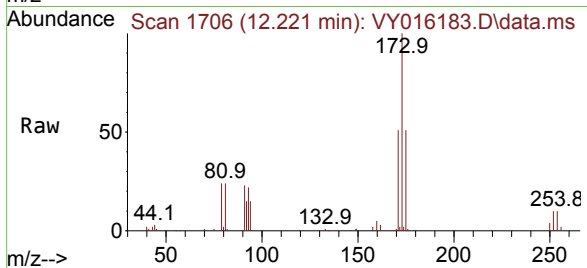
Tgt Ion:173 Resp: 21566

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

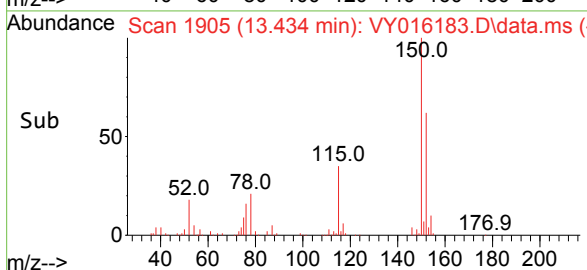
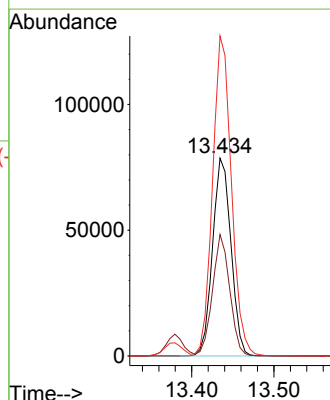
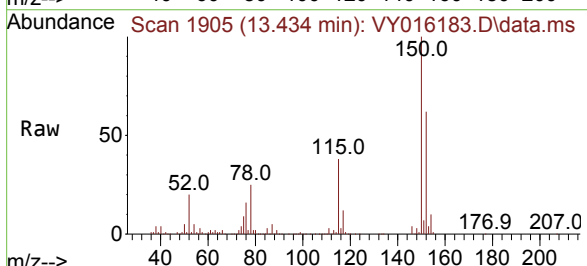
Tgt Ion:152 Resp: 122375

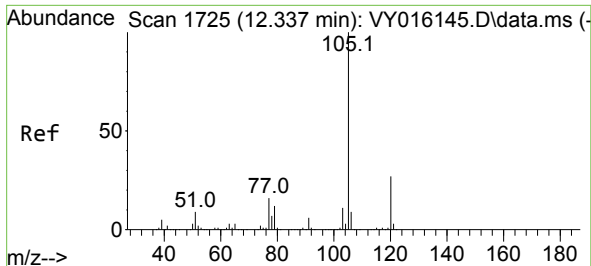
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 165.6 0.0 348.8

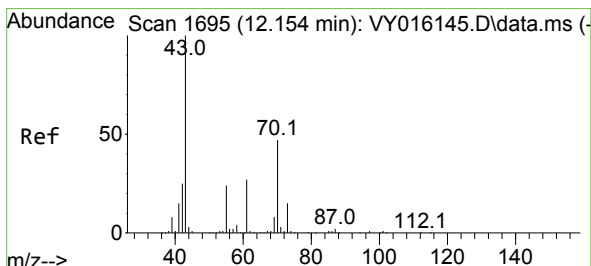
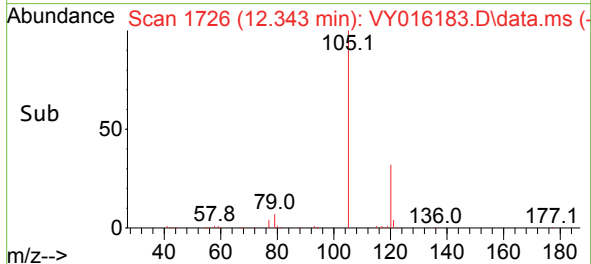
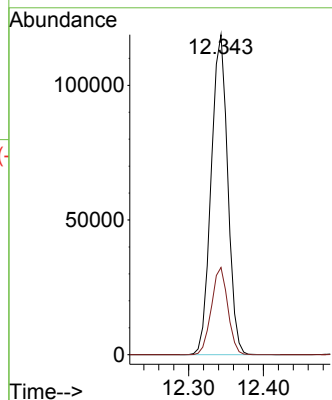
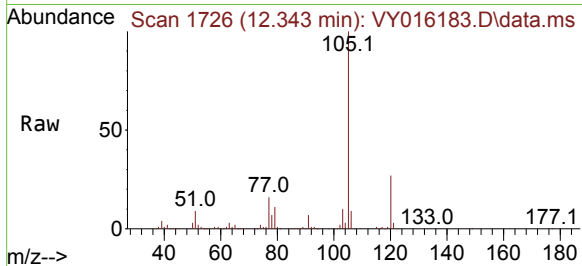




#73
Isopropylbenzene
Concen: 19.955 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

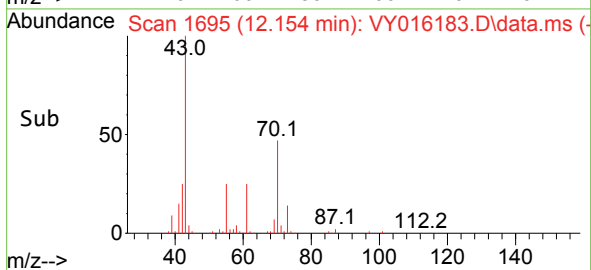
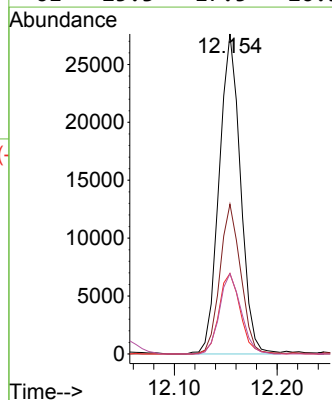
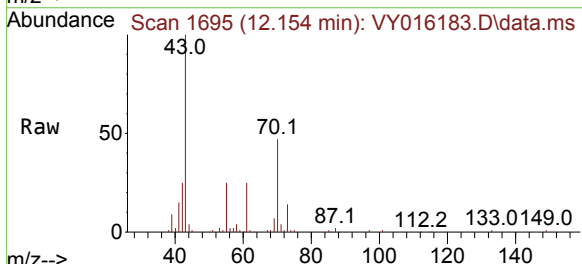
Instrument :
MSVOA_Y
ClientSampleId :

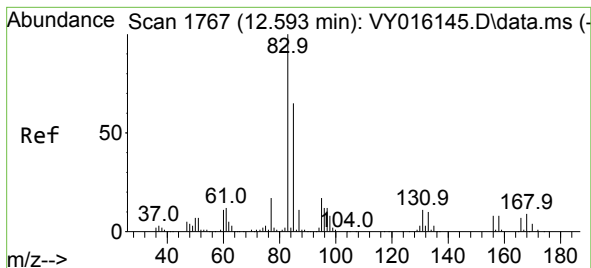
Tgt Ion:105 Resp: 183179
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 19.953 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion: 43 Resp: 39802
Ion Ratio Lower Upper
43 100
70 45.6 29.7 44.5#
55 25.2 18.3 27.5
61 25.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.190 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

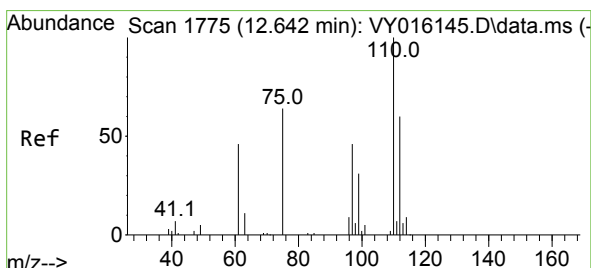
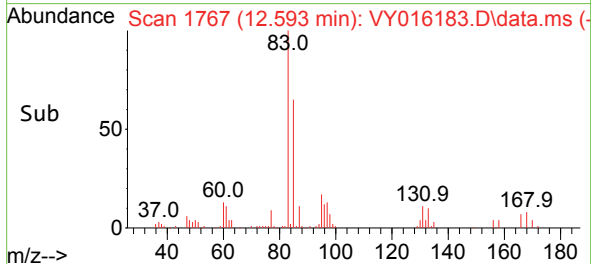
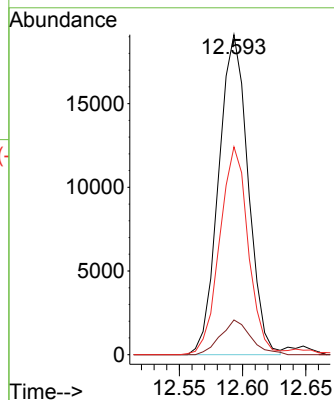
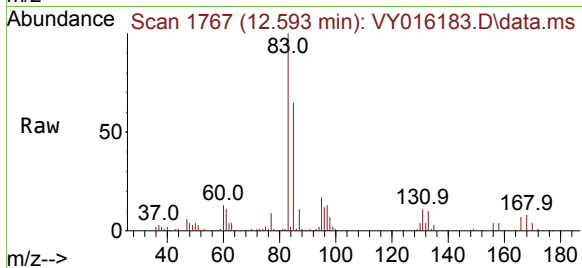
Tgt Ion: 83 Resp: 30952

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 63.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.691 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016183.D

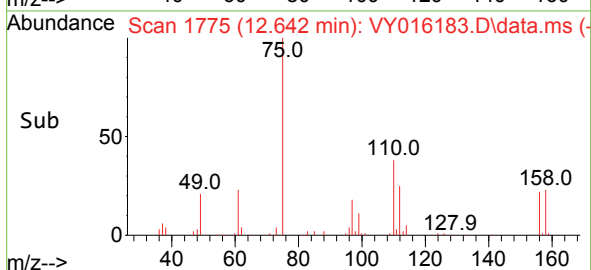
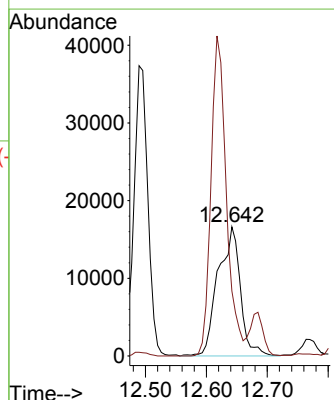
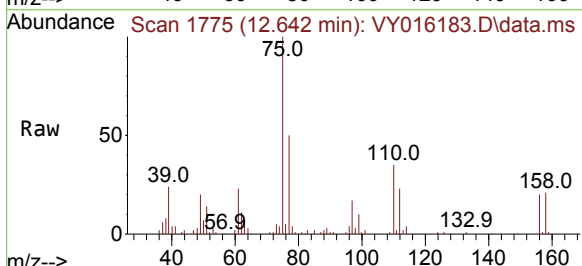
Acq: 02 Nov 2023 12:02

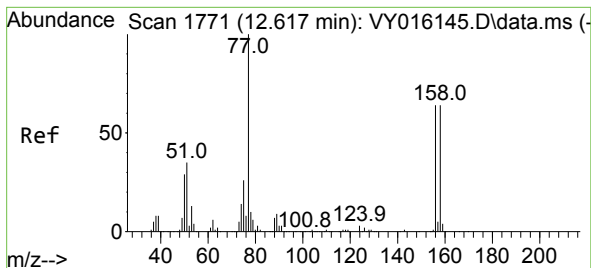
Tgt Ion: 75 Resp: 42284

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.792 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

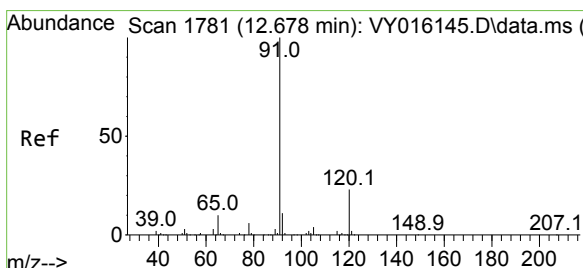
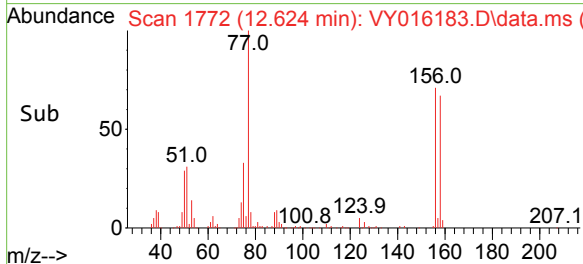
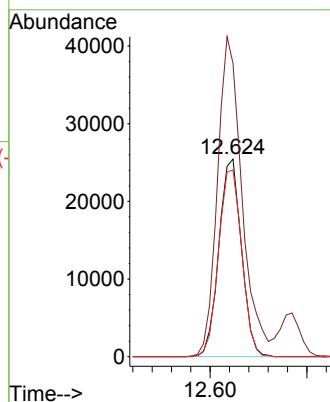
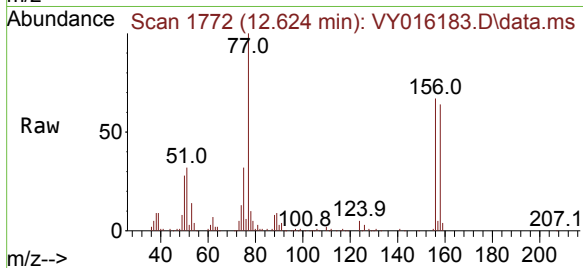
Tgt Ion:156 Resp: 41139

Ion Ratio Lower Upper

156 100

77 176.0 92.8 278.6

158 97.5 48.4 145.3



#78

n-propylbenzene

Concen: 20.076 ug/l

RT: 12.685 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016183.D

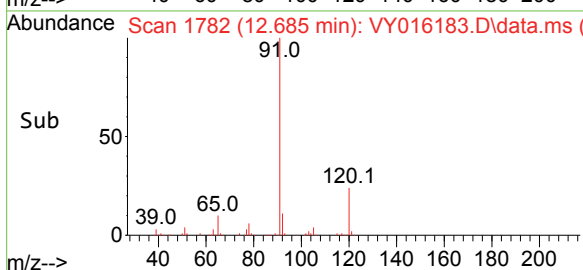
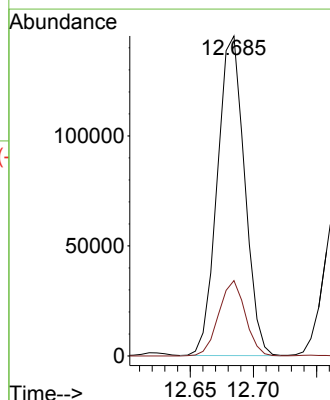
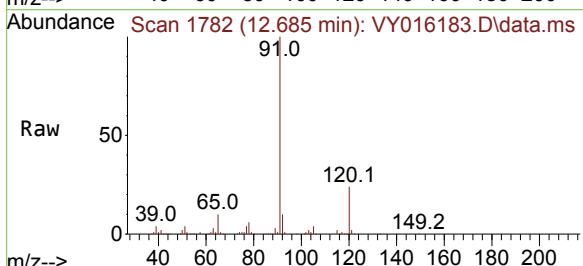
Acq: 02 Nov 2023 12:02

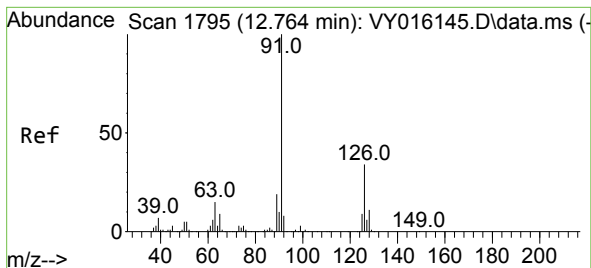
Tgt Ion: 91 Resp: 217877

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.869 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

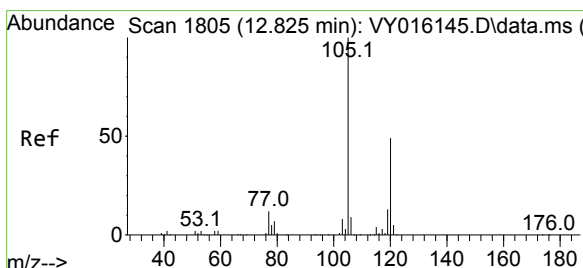
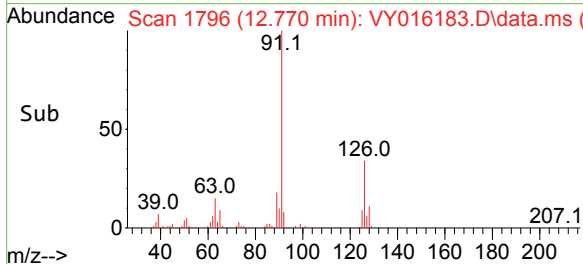
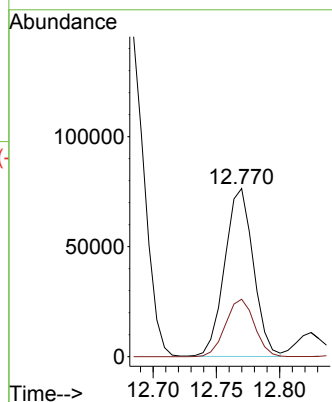
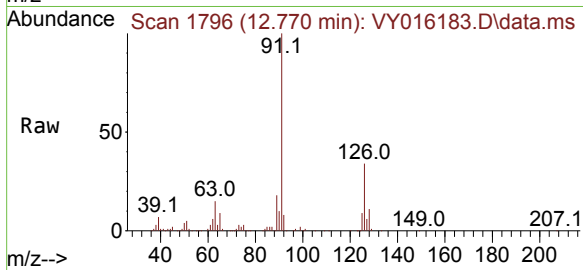
ClientSampleId :

Tgt Ion: 91 Resp: 120269

Ion Ratio Lower Upper

91 100

126 34.6 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.711 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VY016183.D

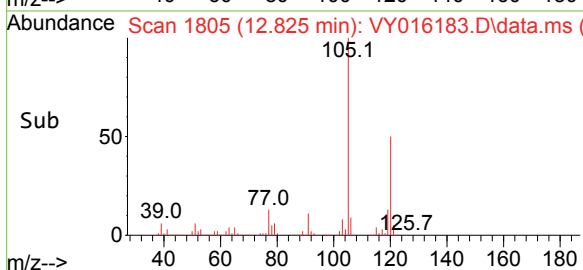
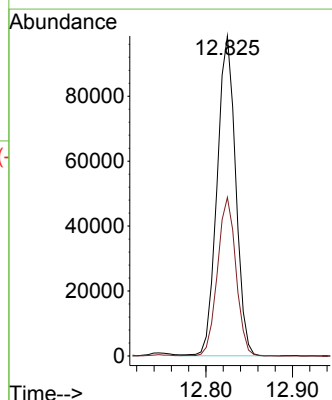
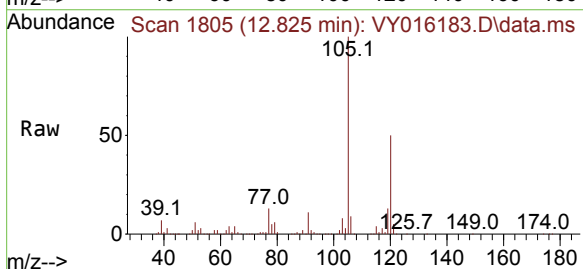
Acq: 02 Nov 2023 12:02

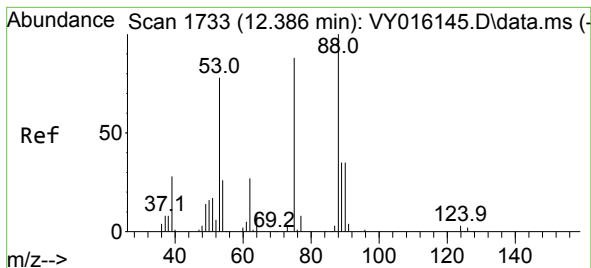
Tgt Ion: 105 Resp: 146595

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7

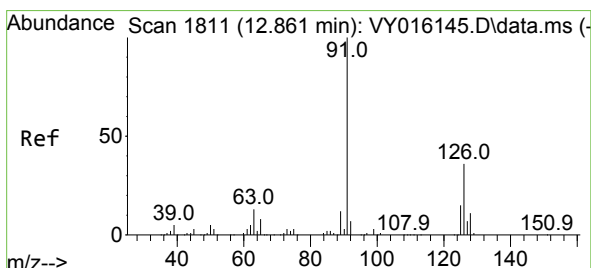
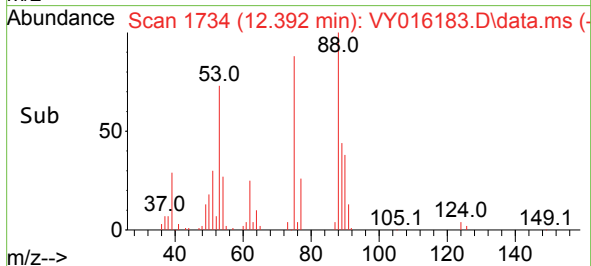
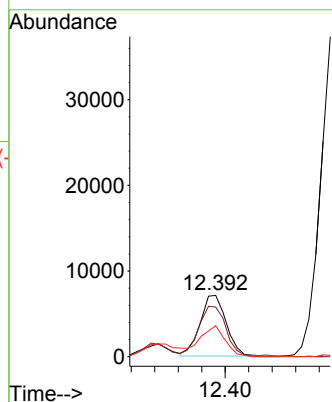
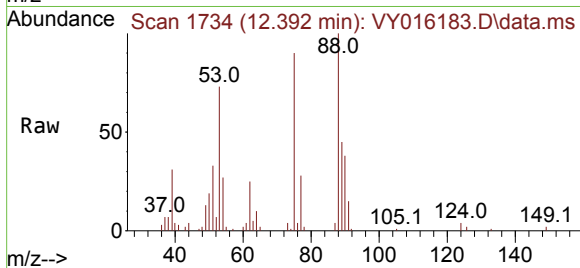




#81
trans-1,4-Dichloro-2-butene
Concen: 20.632 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

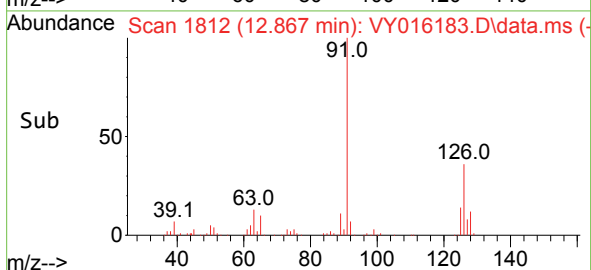
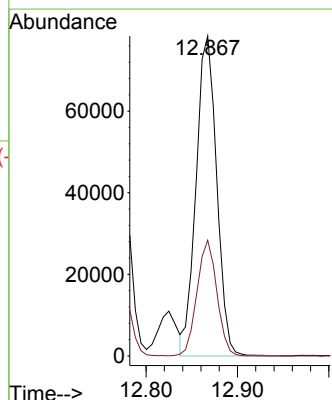
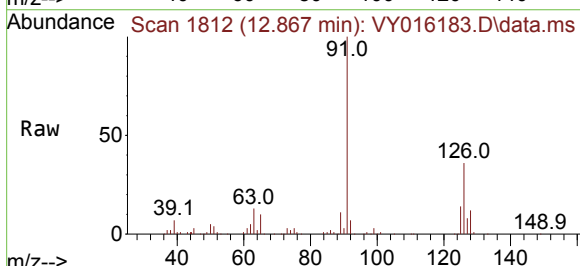
Instrument :
MSVOA_Y
ClientSampleId :

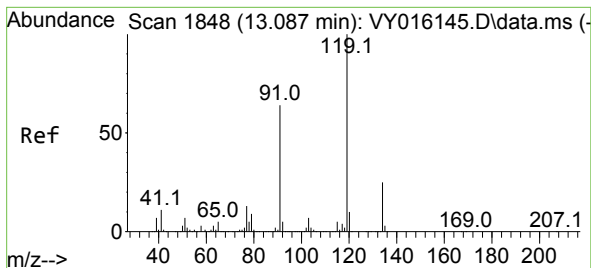
Tgt Ion: 75 Resp: 10966
Ion Ratio Lower Upper
75 100
53 86.6 77.8 116.8
89 47.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.783 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion: 91 Resp: 122966
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.925 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

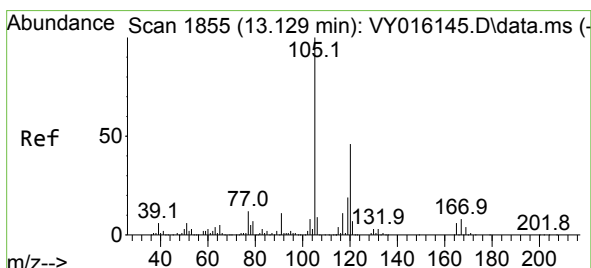
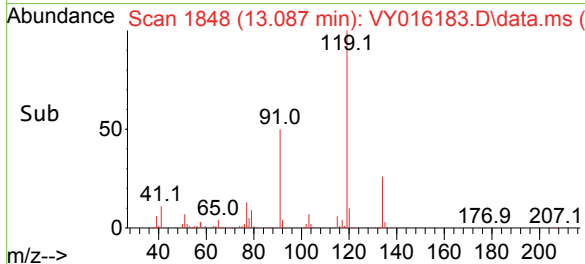
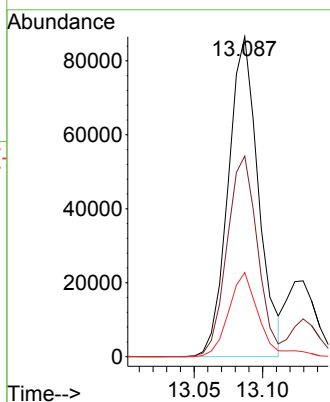
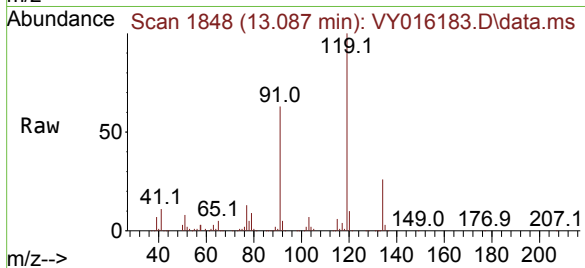
Tgt Ion:119 Resp: 132587

Ion Ratio Lower Upper

119 100

91 63.4 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.692 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016183.D

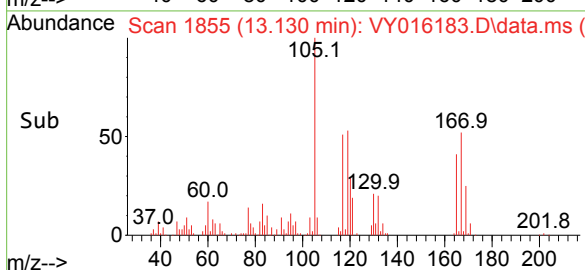
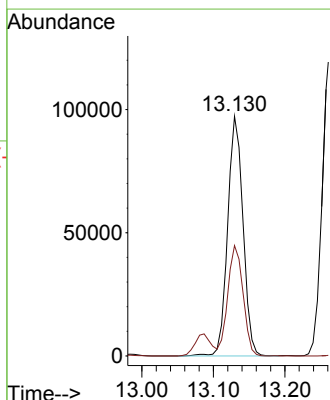
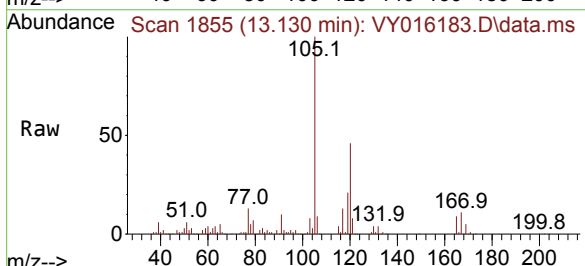
Acq: 02 Nov 2023 12:02

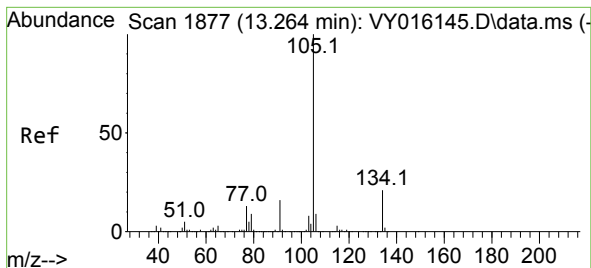
Tgt Ion:105 Resp: 144910

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.691 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

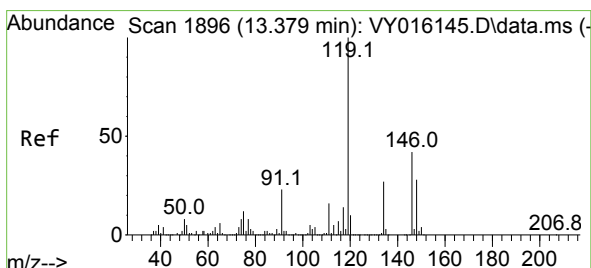
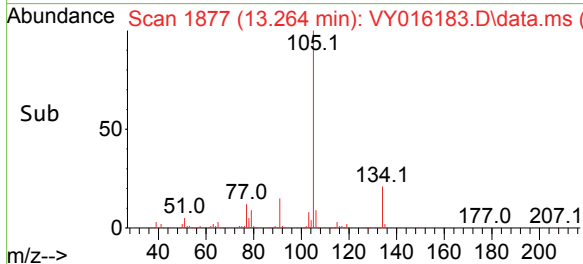
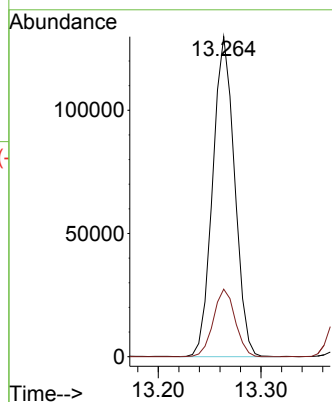
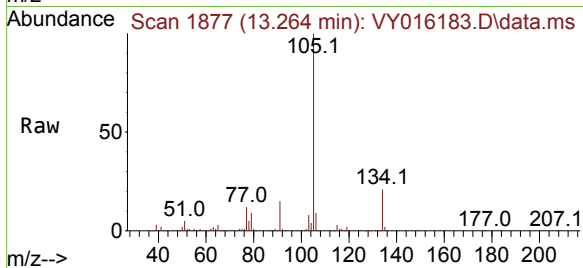
ClientSampleId :

Tgt Ion:105 Resp: 192317

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.828 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

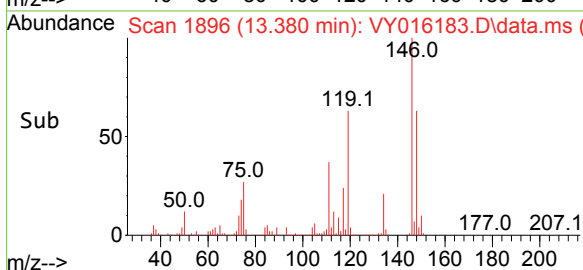
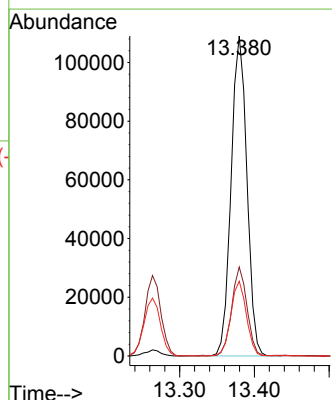
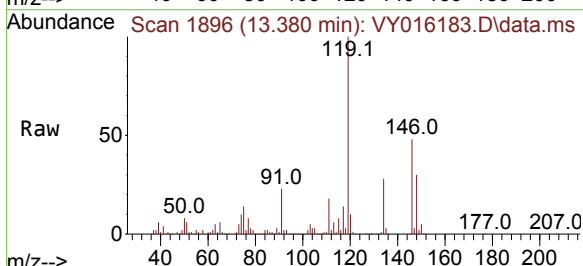
Tgt Ion:119 Resp: 160500

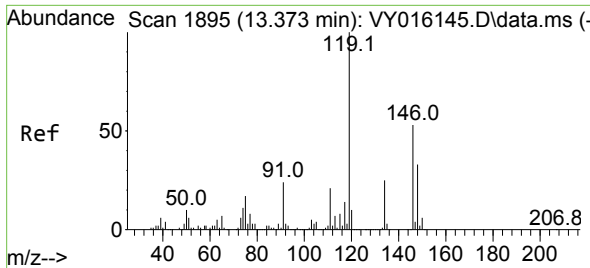
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 23.0 12.4 37.4

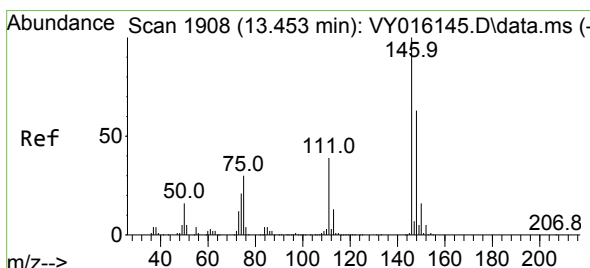
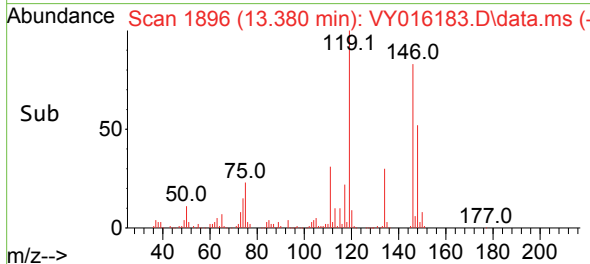
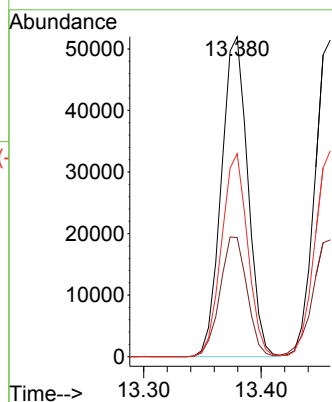
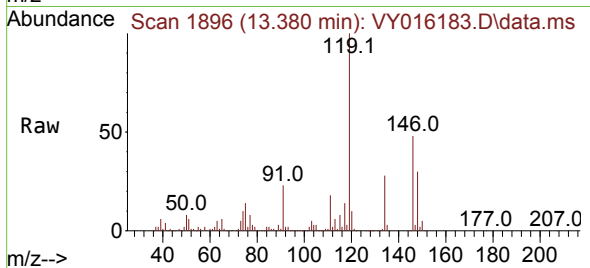




#87
1,3-Dichlorobenzene
Concen: 19.786 ug/l
RT: 13.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

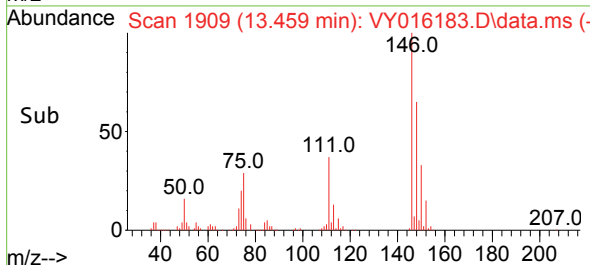
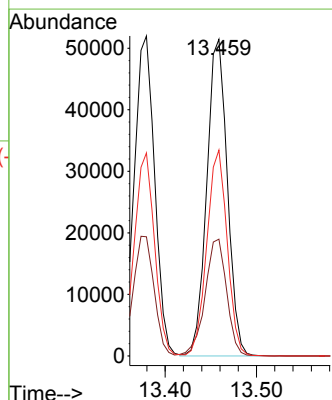
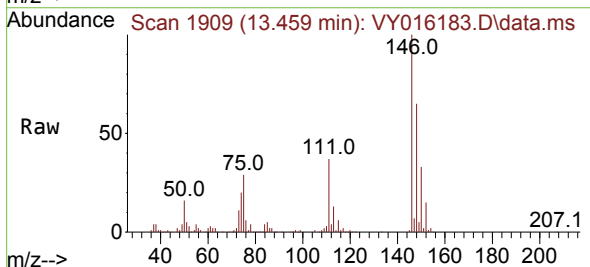
Instrument :
MSVOA_Y
ClientSampleId :

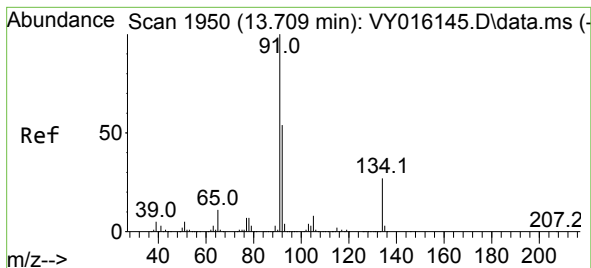
Tgt Ion:146 Resp: 81339
Ion Ratio Lower Upper
146 100
111 38.3 19.4 58.2
148 63.0 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.830 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016183.D
Acq: 02 Nov 2023 12:02

Tgt Ion:146 Resp: 80569
Ion Ratio Lower Upper
146 100
111 38.9 18.9 56.7
148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 19.853 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

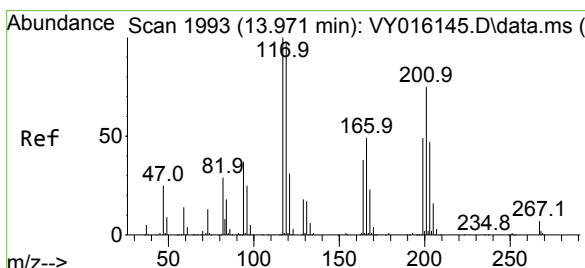
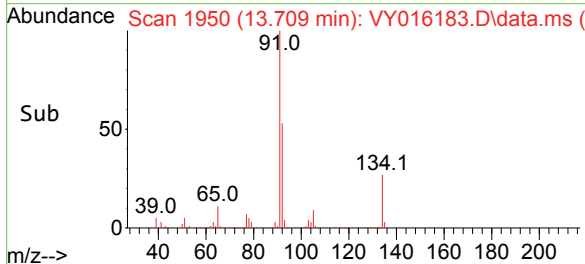
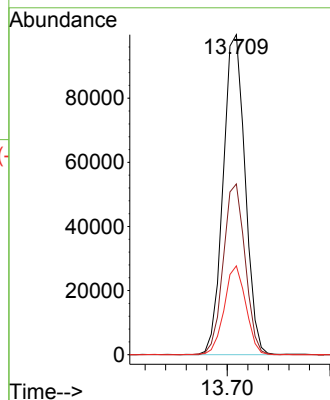
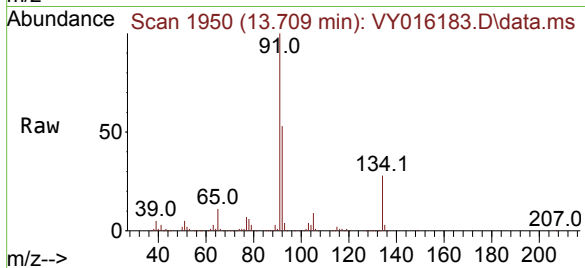
Tgt Ion: 91 Resp: 147659

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

134 27.4 12.6 37.6



#90

Hexachloroethane

Concen: 20.659 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016183.D

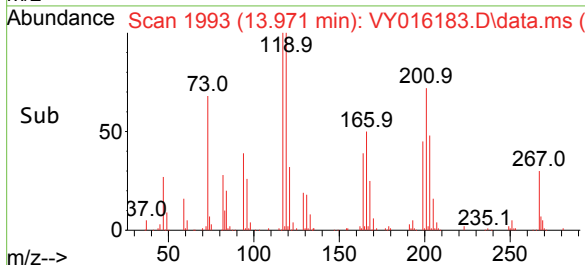
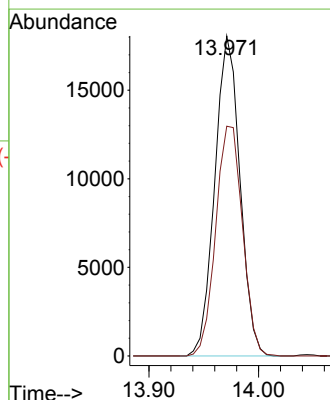
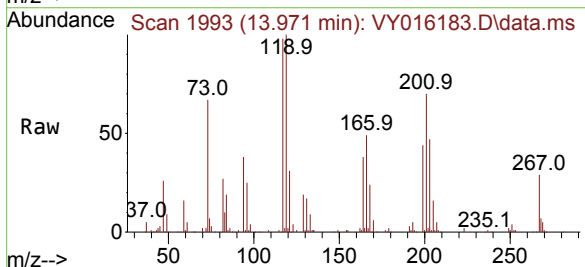
Acq: 02 Nov 2023 12:02

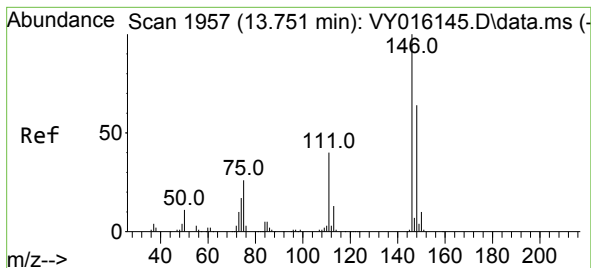
Tgt Ion: 117 Resp: 28818

Ion Ratio Lower Upper

117 100

201 76.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.050 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

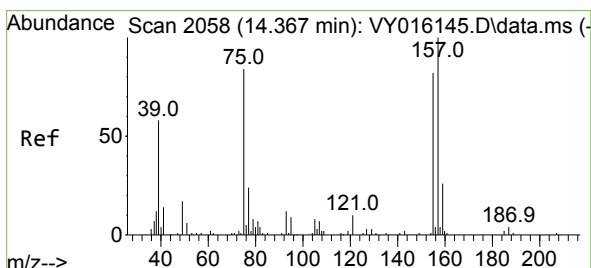
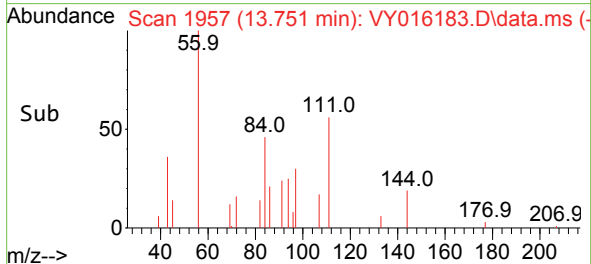
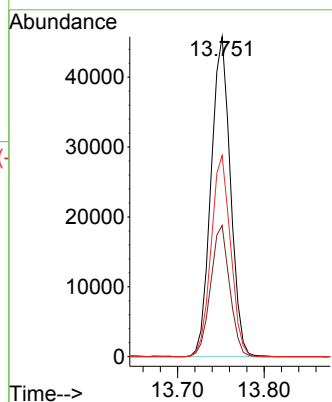
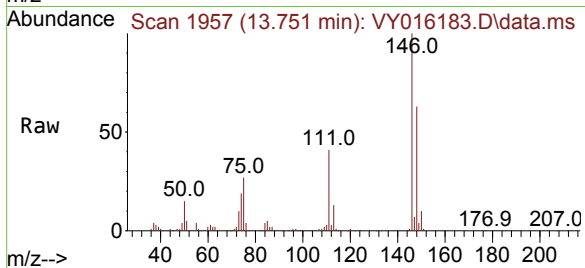
Tgt Ion:146 Resp: 71214

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.0

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.931 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

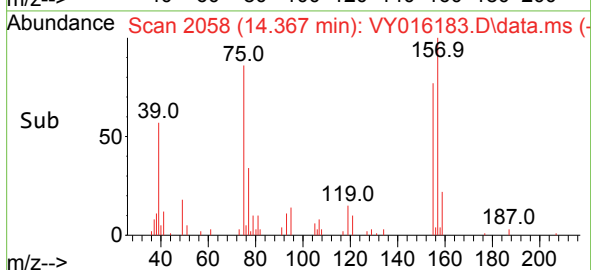
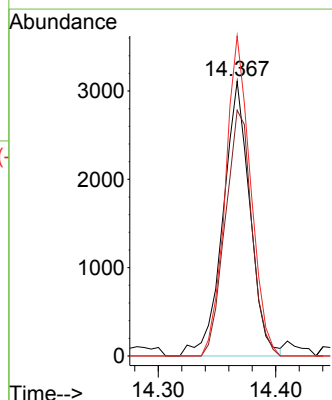
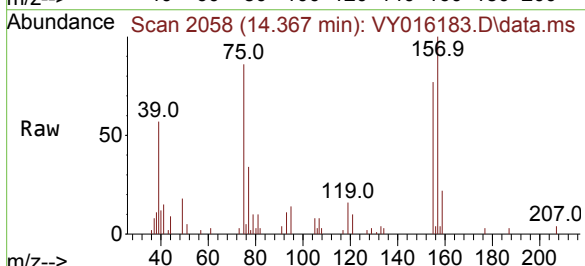
Tgt Ion: 75 Resp: 4949

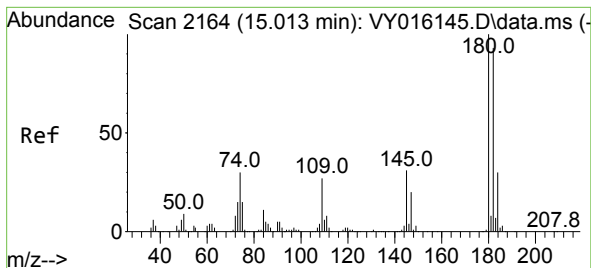
Ion Ratio Lower Upper

75 100

155 87.8 41.5 124.6

157 108.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.222 ug/l

RT: 15.020 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

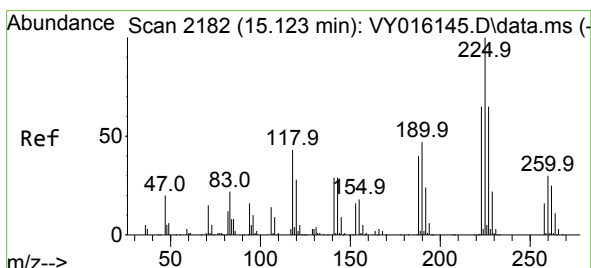
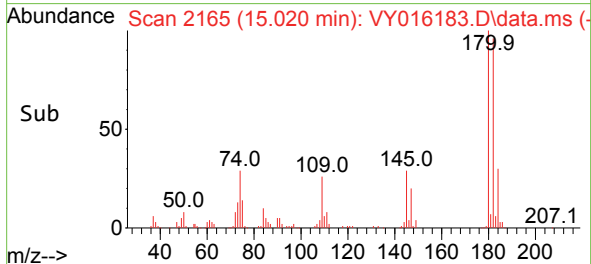
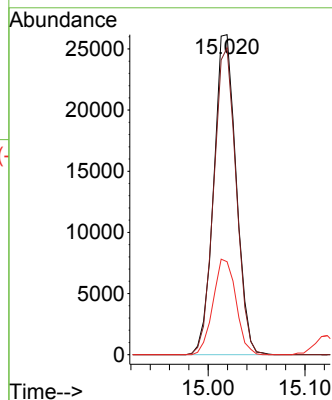
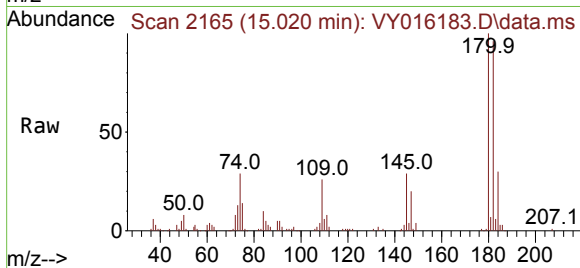
Tgt Ion:180 Resp: 42140

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.882 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

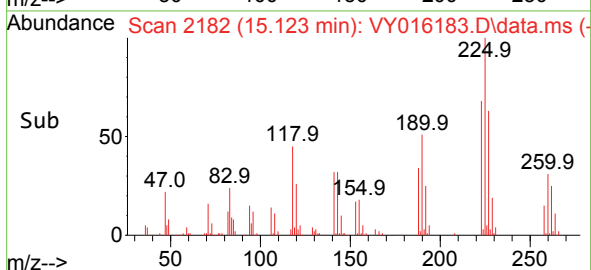
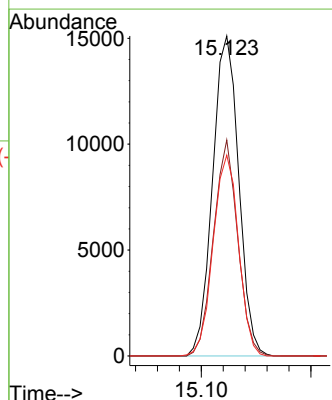
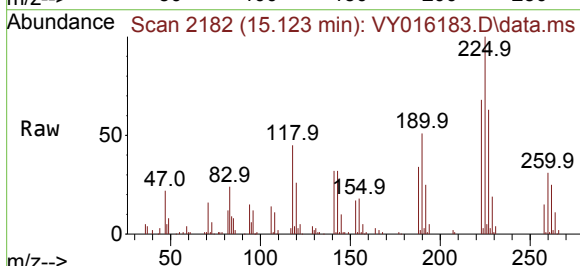
Tgt Ion:225 Resp: 25015

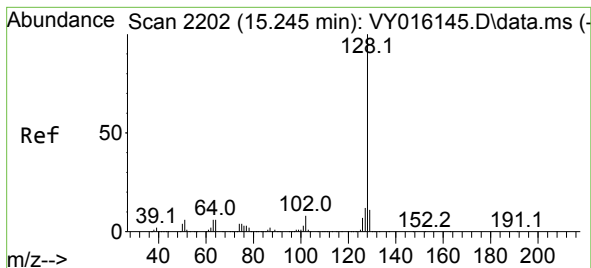
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

227 60.9 33.0 98.9





#95

Naphthalene

Concen: 18.631 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY016183.D

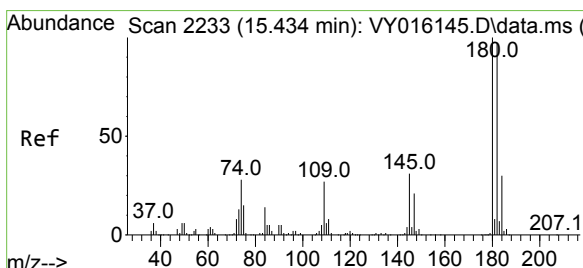
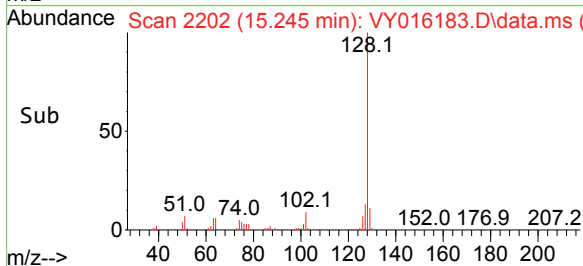
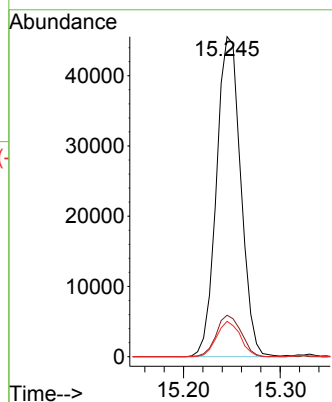
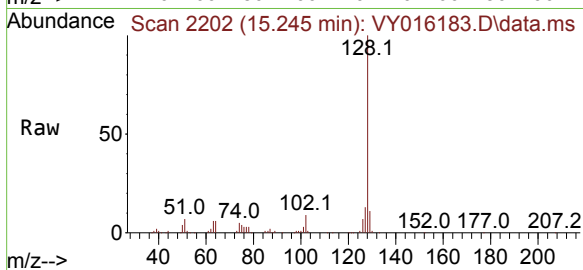
Acq: 02 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	79345
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.8	16.2
129	10.8	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.051 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016183.D

Acq: 02 Nov 2023 12:02

Tgt Ion:	180	Resp:	35677
Ion Ratio	Lower	Upper	
180	100		
182	97.7	47.3	141.8
145	32.3	15.4	46.2

