

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016182.D
 Acq On : 02 Nov 2023 11:40
 Operator : SY/MD
 Sample : VY1102SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 01:37:15 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	7.807	168	195526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	310192	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.507	117	262759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	121427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.160	65	86099	47.059	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.120%
35) Dibromofluoromethane	7.734	113	84559	45.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.460%
50) Toluene-d8	10.197	98	353079	48.156	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.495	95	114090	45.506	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	24283	19.469	ug/l	99
3) Chloromethane	2.125	50	33590	19.452	ug/l	98
4) Vinyl Chloride	2.265	62	35985	20.190	ug/l	99
5) Bromomethane	2.668	94	21981	18.275	ug/l	95
6) Chloroethane	2.814	64	24050	19.167	ug/l	95
7) Trichlorofluoromethane	3.149	101	57532	21.382	ug/l	100
8) Diethyl Ether	3.545	74	17654	19.796	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.923	101	35275	20.810	ug/l	96
10) Methyl Iodide	4.112	142	36018	19.108	ug/l	95
11) Tert butyl alcohol	4.990	59	13277	97.126	ug/l #	92
12) 1,1-Dichloroethene	3.899	96	31244	20.194	ug/l	91
13) Acrolein	3.747	56	12169	91.564	ug/l	100
14) Allyl chloride	4.503	41	47513	21.470	ug/l #	93
15) Acrylonitrile	5.191	53	35688	93.650	ug/l	97
16) Acetone	3.966	43	27383	80.848	ug/l #	87
17) Carbon Disulfide	4.222	76	71554	18.525	ug/l	96
18) Methyl Acetate	4.503	43	26882	18.270	ug/l	91
19) Methyl tert-butyl Ether	5.252	73	86730	19.708	ug/l	99
20) Methylene Chloride	4.746	84	38957	19.049	ug/l	88
21) trans-1,2-Dichloroethene	5.246	96	36316	20.151	ug/l	91
22) Diisopropyl ether	6.143	45	110703	20.682	ug/l	89
23) Vinyl Acetate	6.088	43	254425	96.811	ug/l #	93
24) 1,1-Dichloroethane	6.045	63	67229	20.986	ug/l	96
25) 2-Butanone	7.008	43	43427	86.033	ug/l	90
26) 2,2-Dichloropropane	7.008	77	63905	21.103	ug/l	98
27) cis-1,2-Dichloroethene	7.008	96	43133	20.338	ug/l	94
28) Bromochloromethane	7.356	49	22586	18.841	ug/l	84
29) Tetrahydrofuran	7.368	42	28481	90.011	ug/l	91
30) Chloroform	7.533	83	72607	20.818	ug/l	97
31) Cyclohexane	7.807	56	55005	19.557	ug/l #	80
32) 1,1,1-Trichloroethane	7.721	97	66641	20.835	ug/l	98
36) 1,1-Dichloropropene	7.941	75	51945	19.453	ug/l	98
37) Ethyl Acetate	7.094	43	21395	17.989	ug/l #	96
38) Carbon Tetrachloride	7.923	117	57273	21.649	ug/l	99
39) Methylcyclohexane	9.203	83	62197	19.513	ug/l	93
40) Benzene	8.179	78	154039	20.093	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	13406	19.419	ug/l #	85
42) 1,2-Dichloroethane	8.258	62	46174	21.583	ug/l	94
43) Isopropyl Acetate	8.288	43	44028	18.714	ug/l #	91
44) Trichloroethene	8.959	130	44667	19.910	ug/l	98
45) 1,2-Dichloropropane	9.233	63	38239	20.735	ug/l	96
46) Dibromomethane	9.319	93	19804	18.930	ug/l	98
47) Bromodichloromethane	9.514	83	55095	20.727	ug/l	98
48) Methyl methacrylate	9.313	41	19797	18.505	ug/l	91
49) 1,4-Dioxane	9.313	88	4259	255.816	ug/l #	64
51) 4-Methyl-2-Pentanone	10.087	43	109618	93.381	ug/l	93
52) Toluene	10.258	92	105783	21.294	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	53228	20.060	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	63527	20.403	ug/l	91
55) 1,1,2-Trichloroethane	10.660	97	28652	19.470	ug/l	97
56) Ethyl methacrylate	10.526	69	35396	18.521	ug/l	88
57) 1,3-Dichloropropane	10.806	76	47597	18.999	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.800	63	88778	95.797	ug/l	93
59) 2-Hexanone	10.849	43	72900	90.625	ug/l	91
60) Dibromochloromethane	11.001	129	37049	20.068	ug/l	99
61) 1,2-Dibromoethane	11.105	107	26349	18.824	ug/l	100
64) Tetrachloroethene	10.733	164	43992	18.822	ug/l	96
65) Chlorobenzene	11.532	112	106923	20.482	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	39972	20.672	ug/l	96
67) Ethyl Benzene	11.605	91	195613	20.950	ug/l	100
68) m/p-Xylenes	11.715	106	148913	41.272	ug/l	96
69) o-Xylene	12.044	106	70585	20.489	ug/l	97
70) Styrene	12.062	104	116056	20.265	ug/l	97
71) Bromoform	12.221	173	20933	19.515	ug/l #	98
73) Isopropylbenzene	12.343	105	194157	21.316	ug/l	100
74) N-amyl acetate	12.160	43	37292	18.841	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	28948	19.972	ug/l	100
76) 1,2,3-Trichloropropane	12.647	75	39132	34.221	ug/l #	100
77) Bromobenzene	12.623	156	41745	20.240	ug/l	95
78) n-propylbenzene	12.684	91	225963	20.983	ug/l	99
79) 2-Chlorotoluene	12.769	91	124394	20.711	ug/l	97
80) 1,3,5-Trimethylbenzene	12.824	105	155709	21.100	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.391	75	9795	18.573	ug/l	95
82) 4-Chlorotoluene	12.867	91	126386	20.492	ug/l	99
83) tert-Butylbenzene	13.086	119	140788	21.322	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	150919	20.668	ug/l	99
85) sec-Butylbenzene	13.269	105	207418	21.403	ug/l	100
86) p-Isopropyltoluene	13.385	119	169332	21.082	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	83510	20.473	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	80777	20.036	ug/l	98
89) n-Butylbenzene	13.708	91	154192	20.893	ug/l	96
90) Hexachloroethane	13.976	117	30423	21.980	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	72506	20.573	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4560	17.580	ug/l	99
93) 1,2,4-Trichlorobenzene	15.019	180	41404	19.034	ug/l	100
94) Hexachlorobutadiene	15.129	225	24920	20.965	ug/l	97
95) Naphthalene	15.251	128	70436	16.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	33590	18.077	ug/l	99

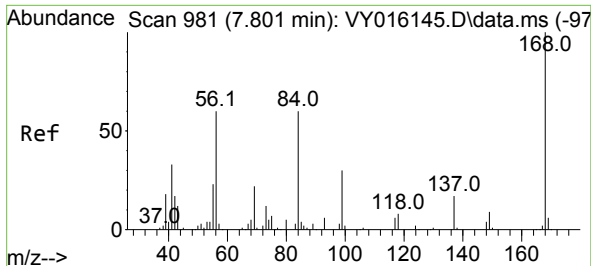
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QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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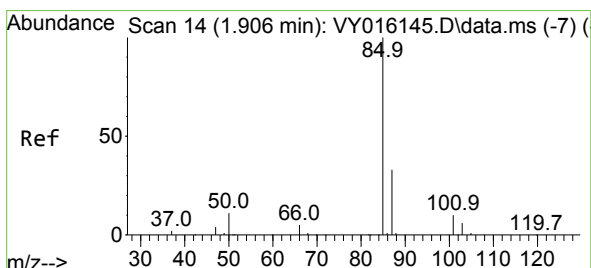
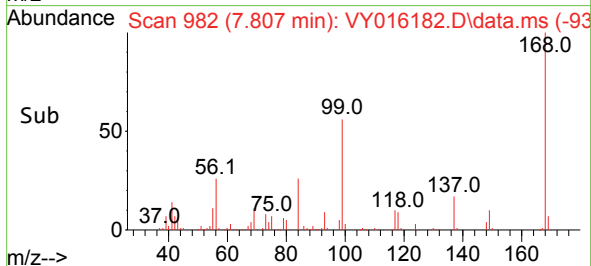
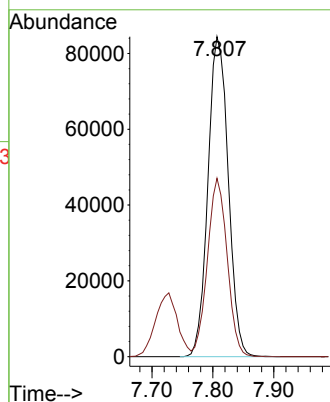
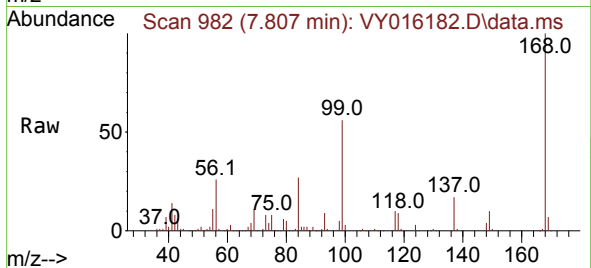
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016182.D
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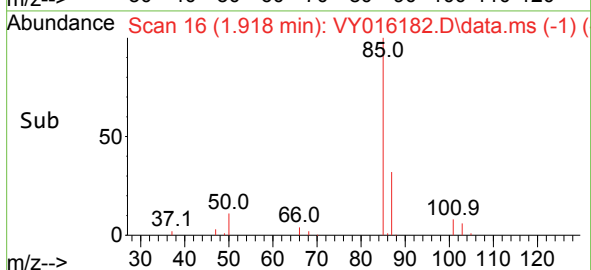
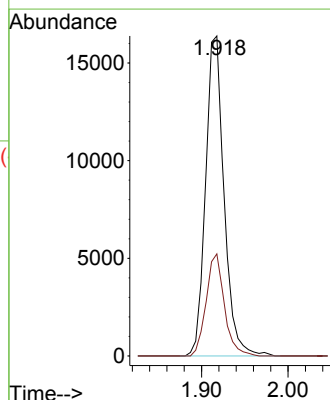
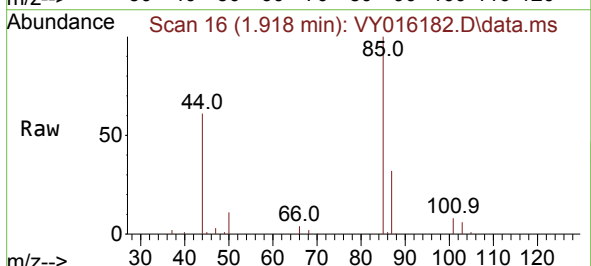
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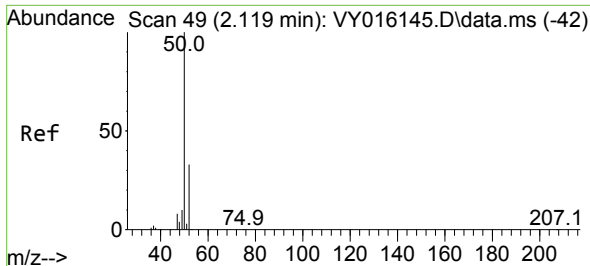
Tgt Ion:168 Resp: 195526
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.469 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Tgt Ion: 85 Resp: 24283
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8

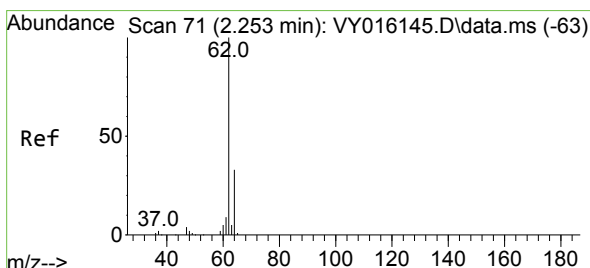
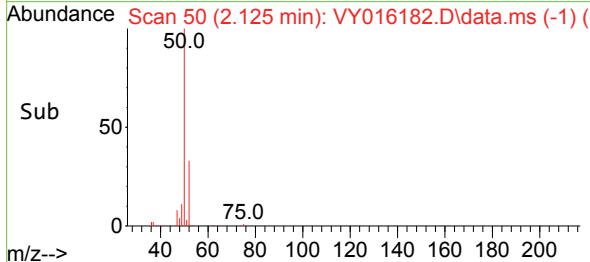
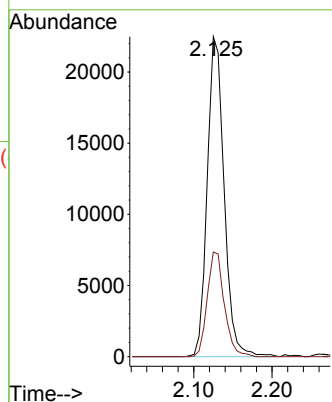
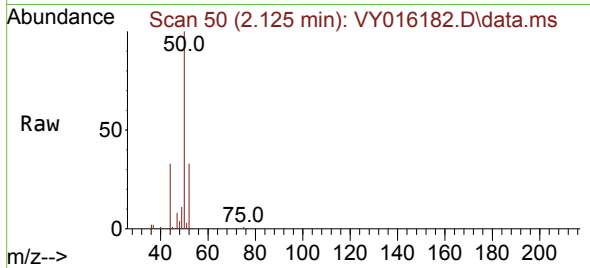




#3
Chloromethane
Concen: 19.452 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

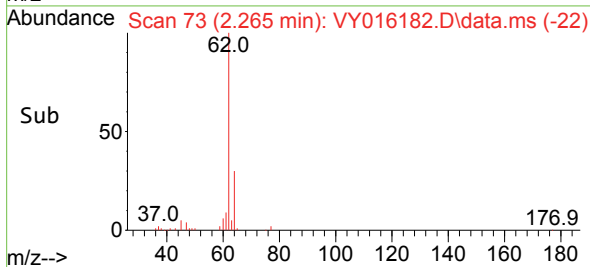
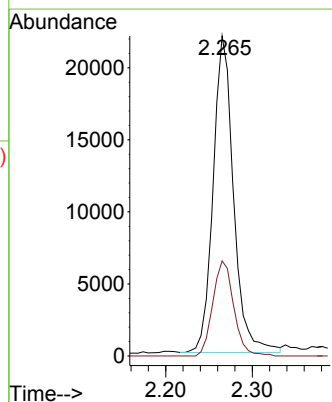
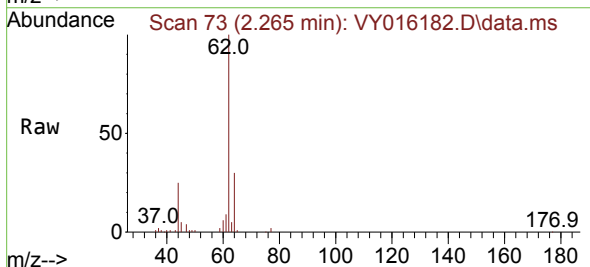
Instrument :
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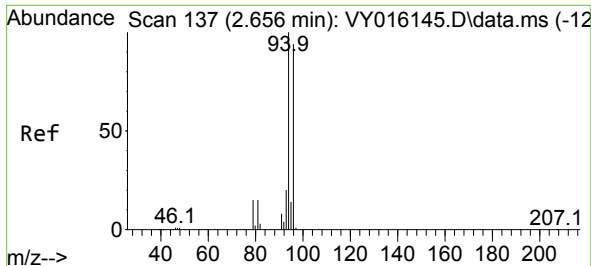
Tgt Ion: 50 Resp: 33590
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2



#4
Vinyl Chloride
Concen: 20.190 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

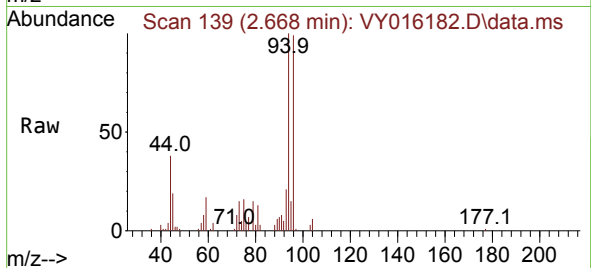
Tgt Ion: 62 Resp: 35985
Ion Ratio Lower Upper
62 100
64 30.1 24.3 36.5



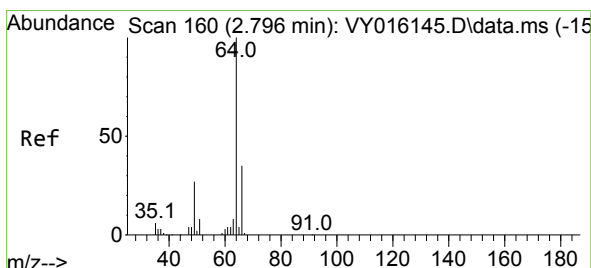
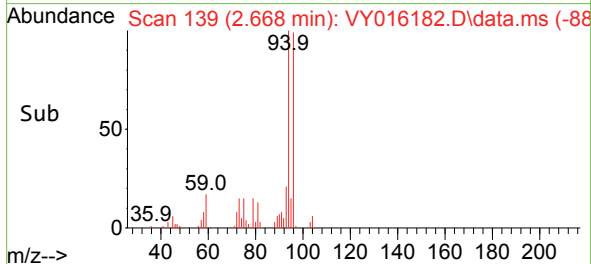
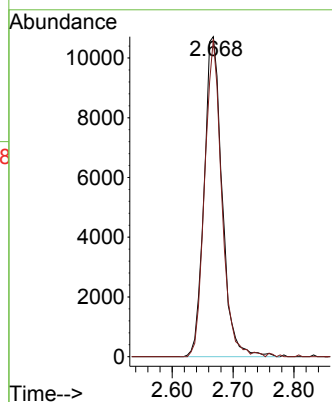


#5
Bromomethane
Concen: 18.275 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Instrument :
MSVOA_Y
ClientSampleId :

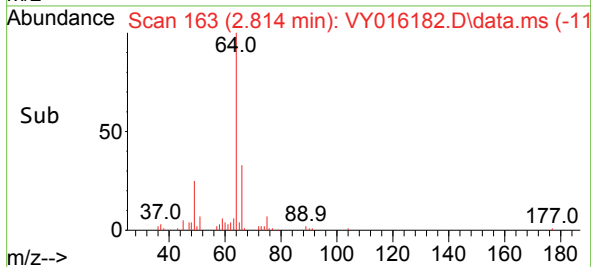
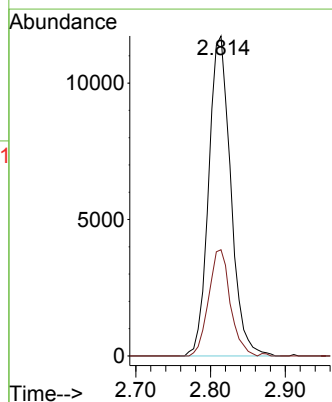
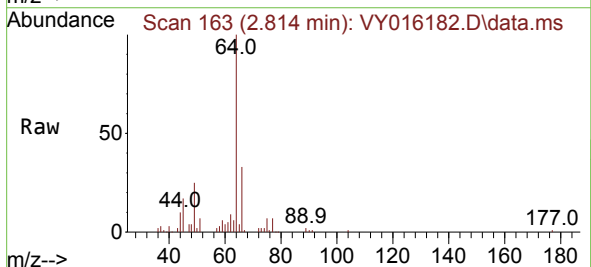


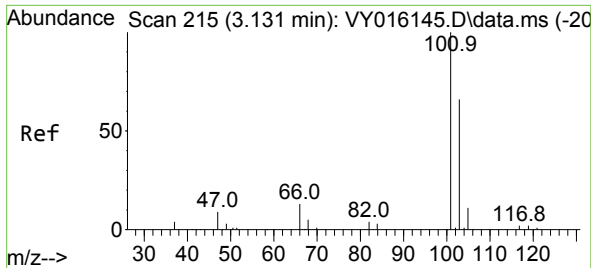
Tgt Ion: 94 Resp: 21981
Ion Ratio Lower Upper
94 100
96 99.2 75.8 113.6



#6
Chloroethane
Concen: 19.167 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.018 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Tgt Ion: 64 Resp: 24050
Ion Ratio Lower Upper
64 100
66 33.2 24.4 36.6

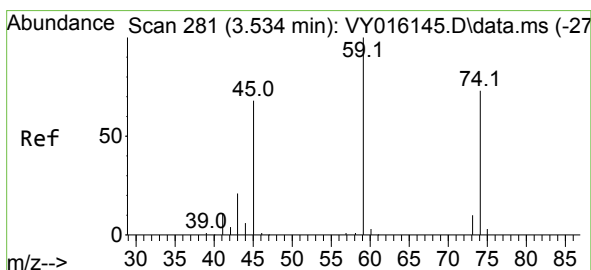
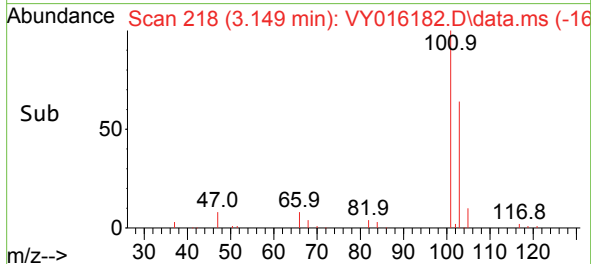
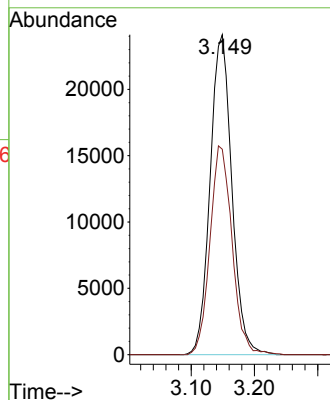
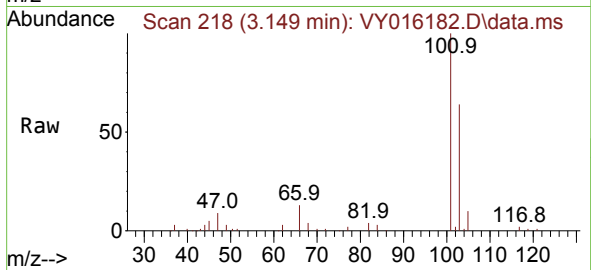




#7
Trichlorofluoromethane
Concen: 21.382 ug/l
RT: 3.149 min Scan# 215
Delta R.T. 0.018 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

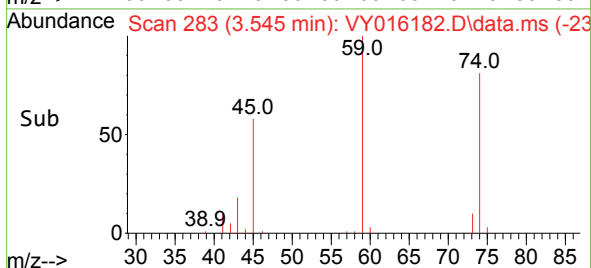
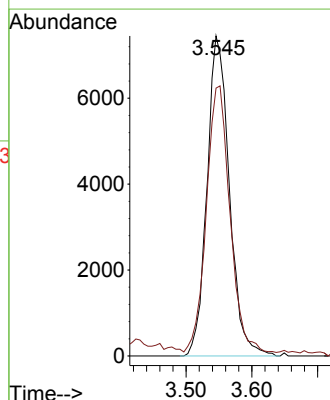
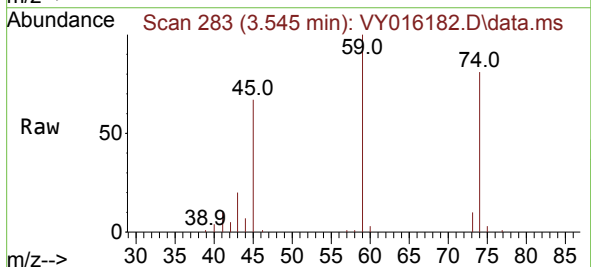
Instrument :
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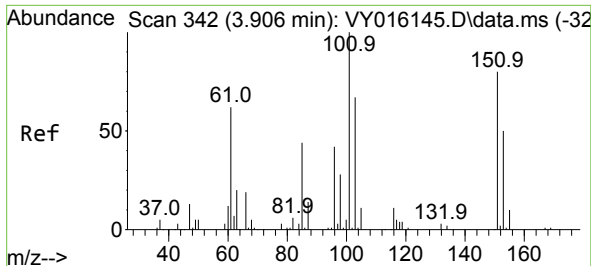
Tgt Ion:101 Resp: 57532
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0



#8
Diethyl Ether
Concen: 19.796 ug/l
RT: 3.545 min Scan# 283
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Tgt Ion: 74 Resp: 17654
Ion Ratio Lower Upper
74 100
45 87.6 51.5 154.5

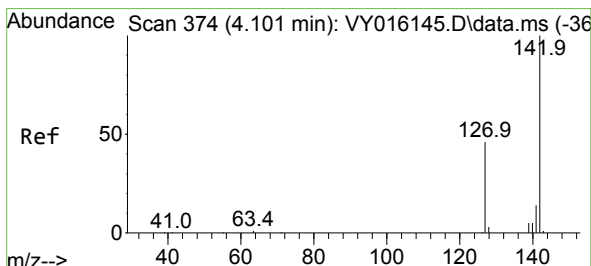
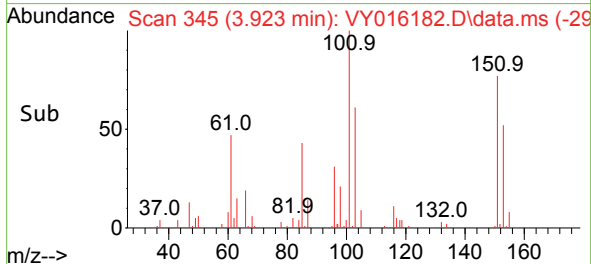
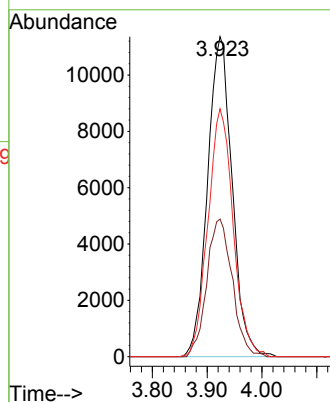
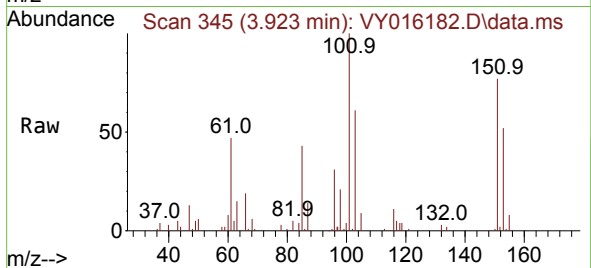




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.810 ug/l
RT: 3.923 min Scan# 342
Delta R.T. 0.018 min
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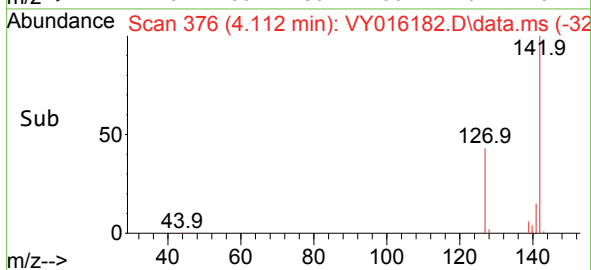
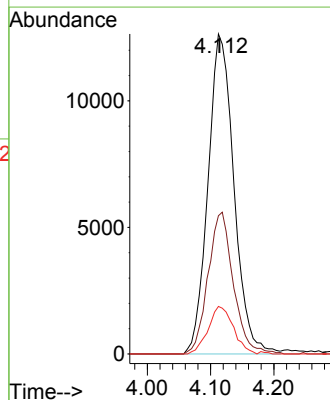
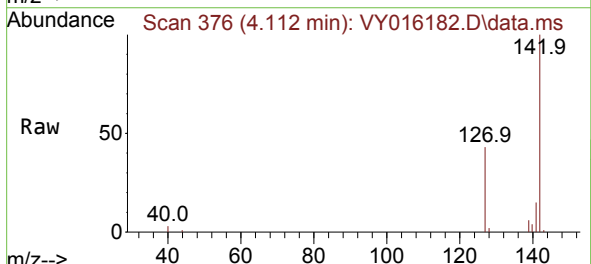
Instrument :
MSVOA_Y
ClientSampleId :

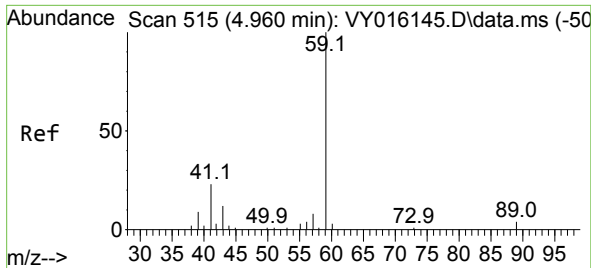
Tgt Ion:101 Resp: 35275
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 79.6 67.0 100.6



#10
Methyl Iodide
Concen: 19.108 ug/l
RT: 4.112 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Tgt Ion:142 Resp: 36018
Ion Ratio Lower Upper
142 100
127 43.2 37.6 56.4
141 14.4 11.8 17.8

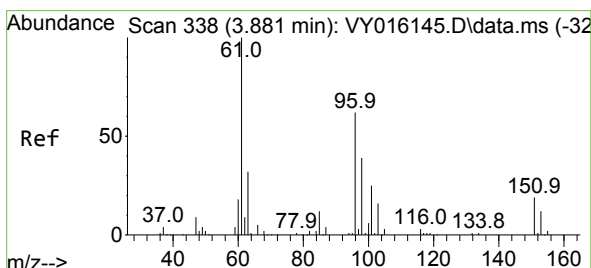
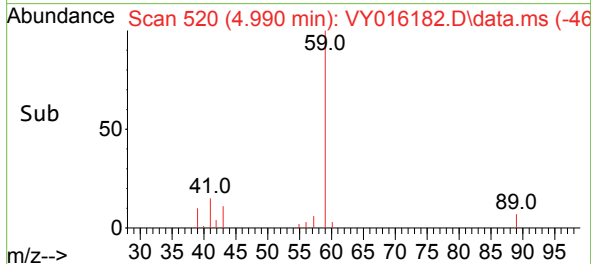
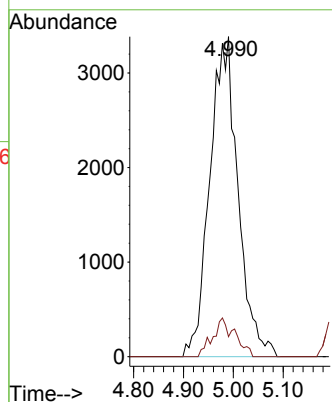
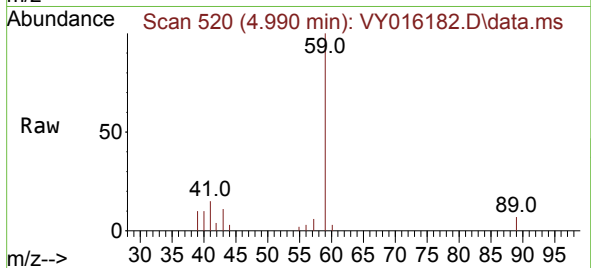




#11
Tert butyl alcohol
Concen: 97.126 ug/l
RT: 4.990 min Scan# 51
Delta R.T. 0.030 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

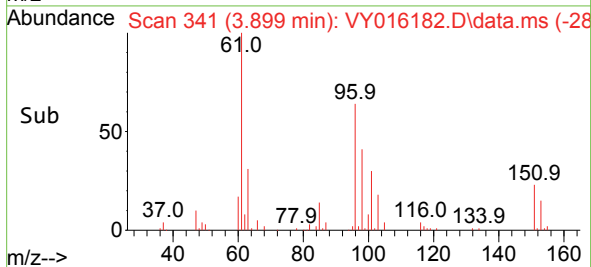
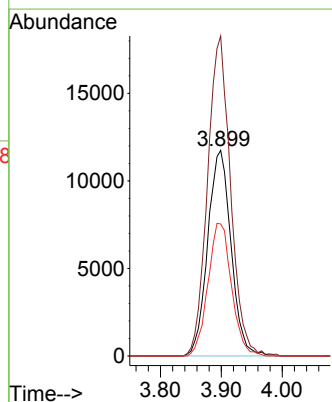
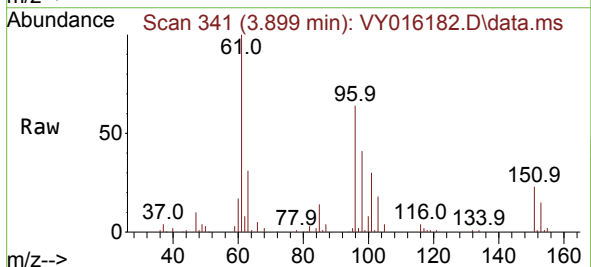
Instrument :
MSVOA_Y
ClientSampleId :

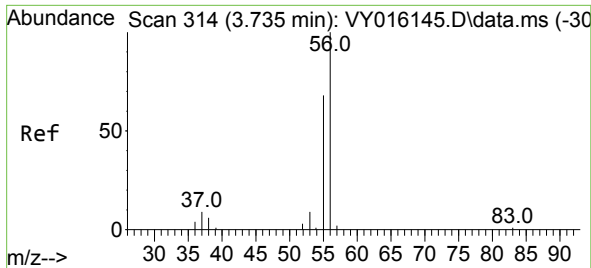
Tgt Ion: 59 Resp: 13277
Ion Ratio Lower Upper
59 100
57 6.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.194 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.018 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Tgt Ion: 96 Resp: 31244
Ion Ratio Lower Upper
96 100
61 155.7 136.4 204.6
98 64.2 49.4 74.2





#13

Acrolein

Concen: 91.564 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

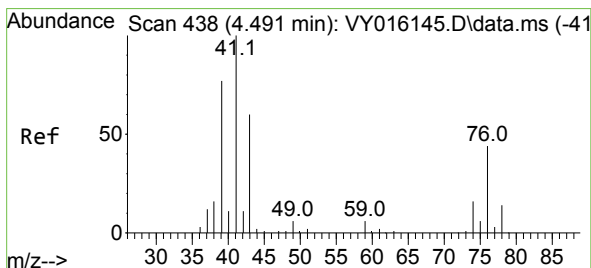
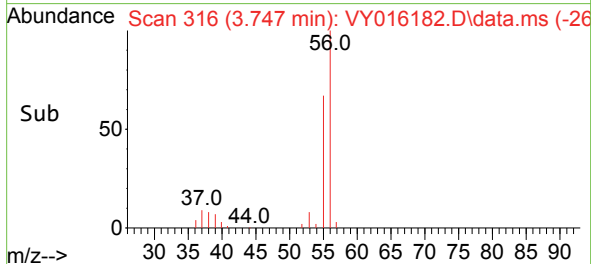
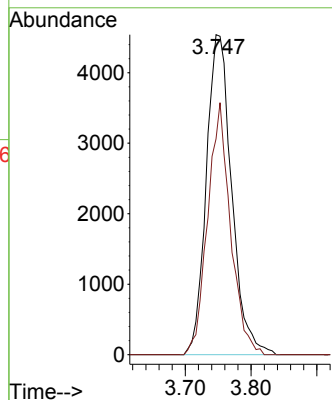
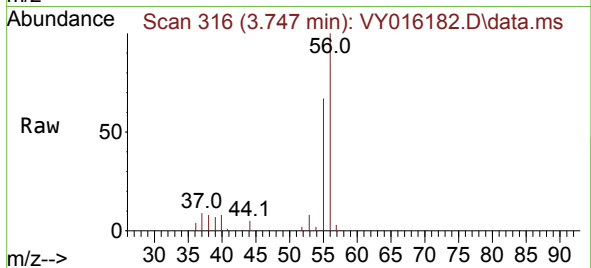
ClientSampleId :

Tgt Ion: 56 Resp: 12169

Ion Ratio Lower Upper

56 100

55 70.9 57.0 85.4



#14

Allyl chloride

Concen: 21.470 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

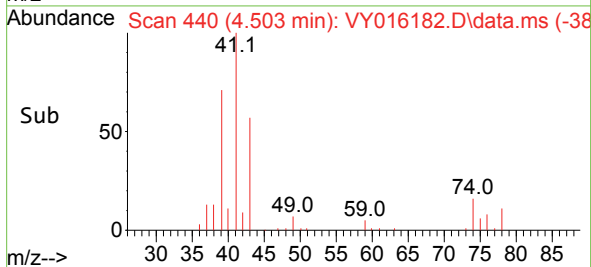
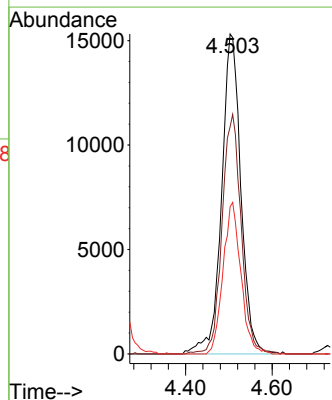
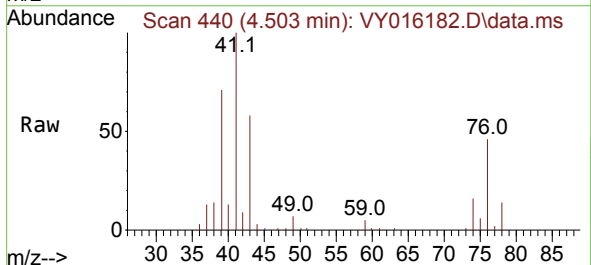
Tgt Ion: 41 Resp: 47513

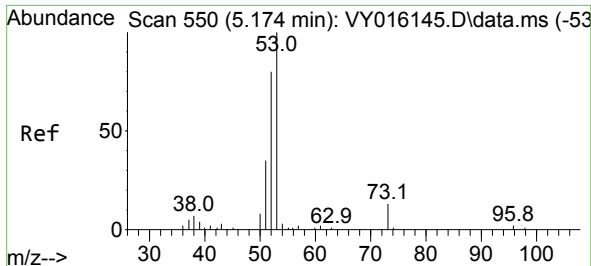
Ion Ratio Lower Upper

41 100

39 74.0 58.0 87.0

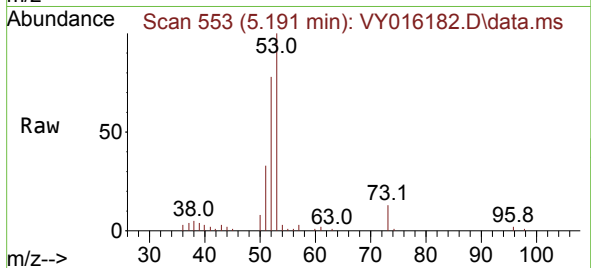
76 43.8 27.4 41.2#



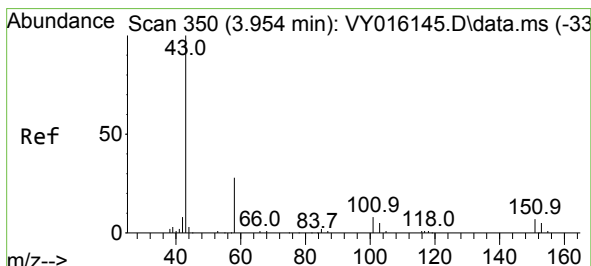
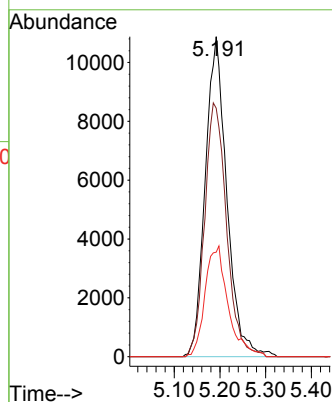
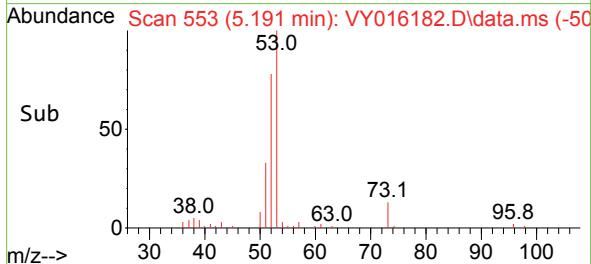


#15
Acrylonitrile
Concen: 93.650 ug/l
RT: 5.191 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Instrument :
MSVOA_Y
ClientSampleId :

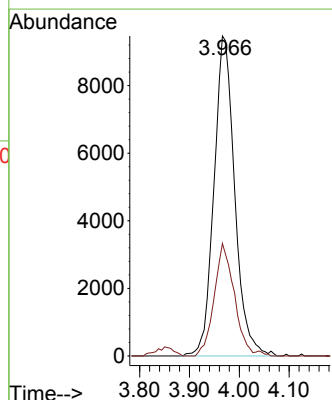
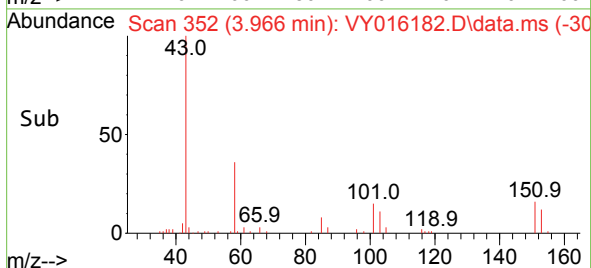
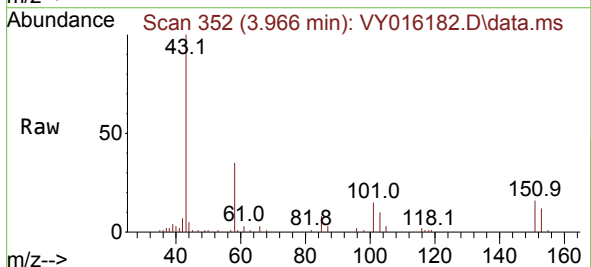


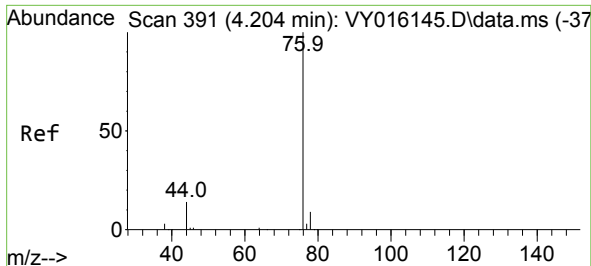
Tgt Ion:	53	Resp:	35688
Ion	Ratio	Lower	Upper
53	100		
52	80.4	66.9	100.3
51	36.9	29.8	44.6



#16
Acetone
Concen: 80.848 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Tgt Ion:	43	Resp:	27383
Ion	Ratio	Lower	Upper
43	100		
58	35.2	22.7	34.1#





#17

Carbon Disulfide

Concen: 18.525 ug/l

RT: 4.222 min Scan# 391

Delta R.T. 0.018 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

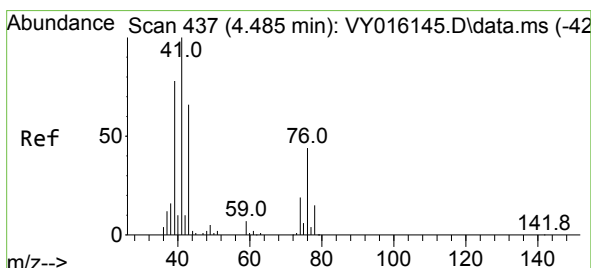
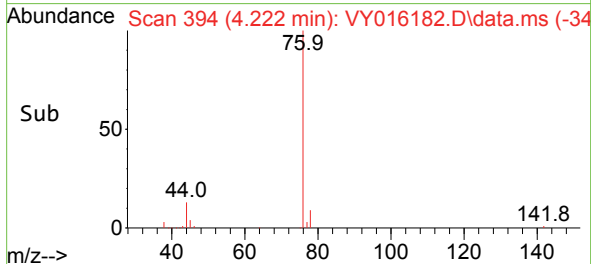
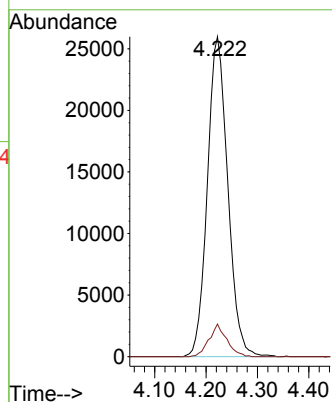
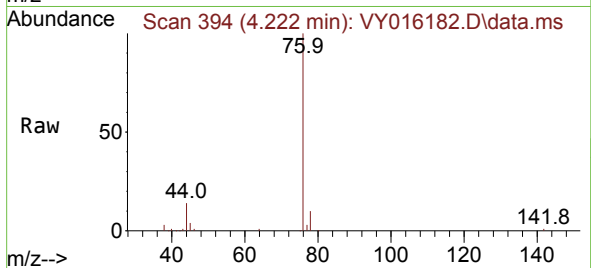
ClientSampleId :

Tgt Ion: 76 Resp: 71554

Ion Ratio Lower Upper

76 100

78 10.2 7.0 10.4



#18

Methyl Acetate

Concen: 18.270 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.018 min

Lab File: VY016182.D

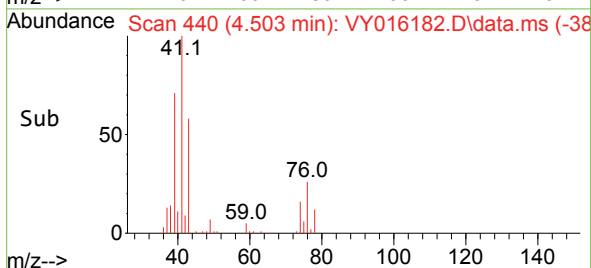
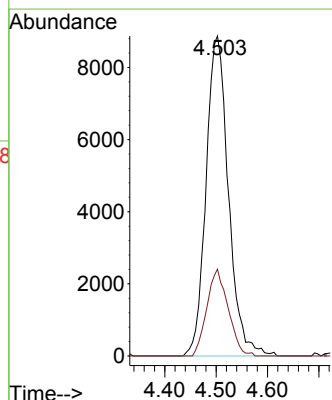
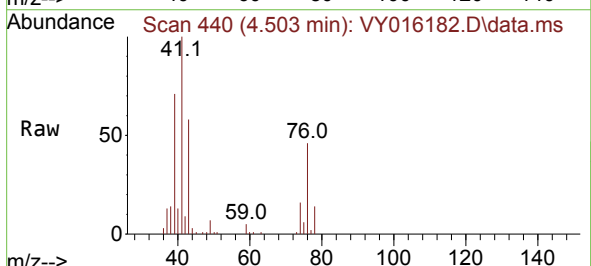
Acq: 02 Nov 2023 11:40

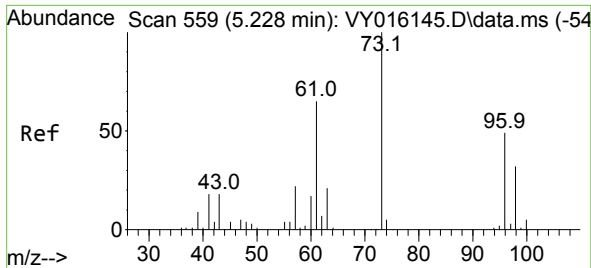
Tgt Ion: 43 Resp: 26882

Ion Ratio Lower Upper

43 100

74 25.8 17.4 26.0

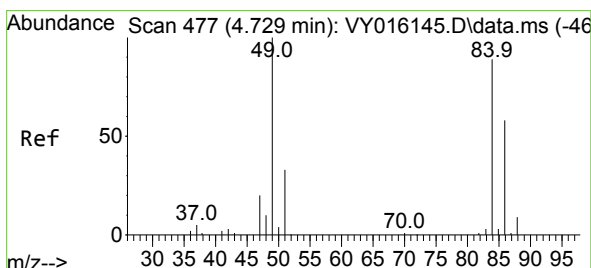
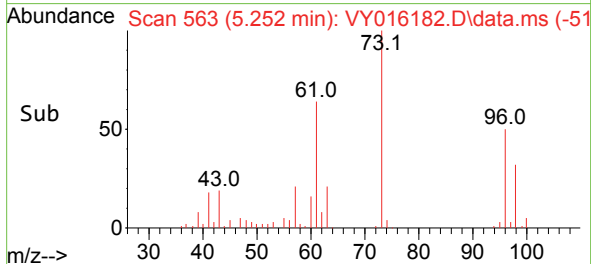
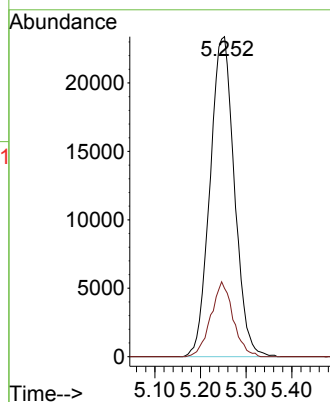
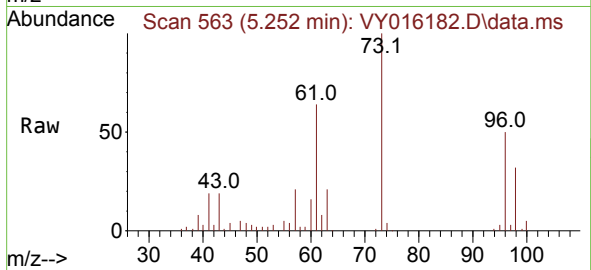




#19
Methyl tert-butyl Ether
Concen: 19.708 ug/l
RT: 5.252 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

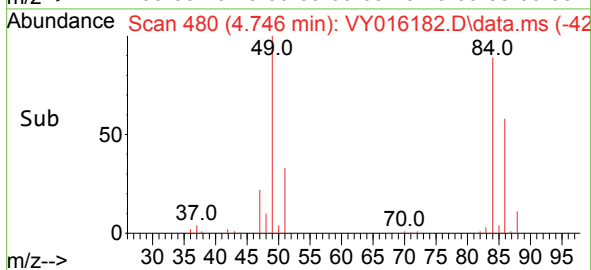
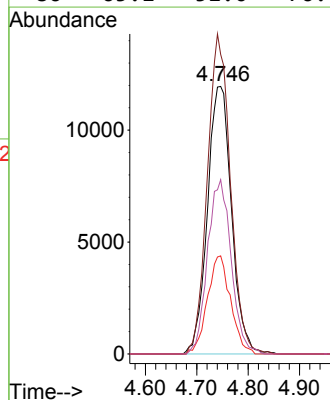
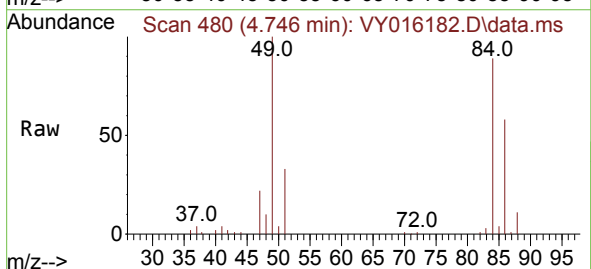
Instrument :
MSVOA_Y
ClientSampleId :

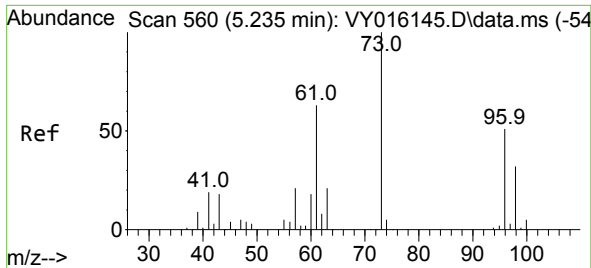
Tgt Ion: 73 Resp: 86730
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 19.049 ug/l
RT: 4.746 min Scan# 480
Delta R.T. 0.017 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

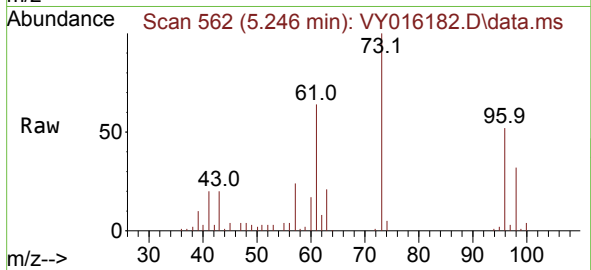
Tgt Ion: 84 Resp: 38957
Ion Ratio Lower Upper
84 100
49 111.9 106.9 160.3
51 36.7 33.2 49.8
86 65.1 51.0 76.6



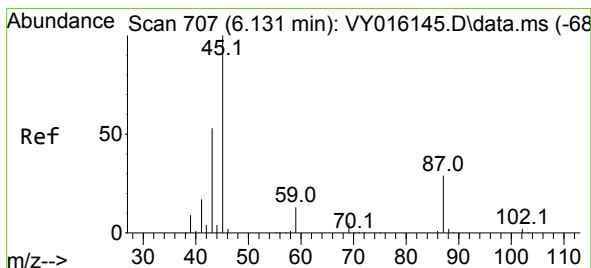
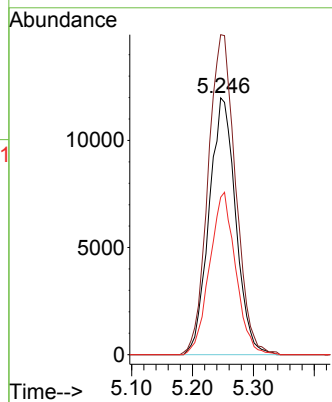
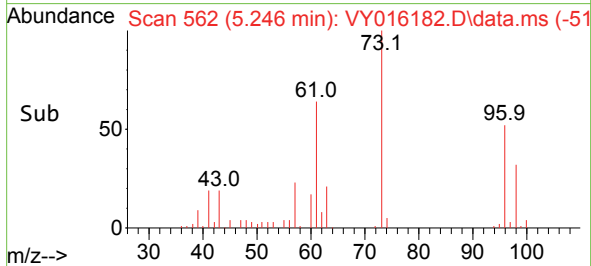


#21
trans-1,2-Dichloroethene
Concen: 20.151 ug/l
RT: 5.246 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

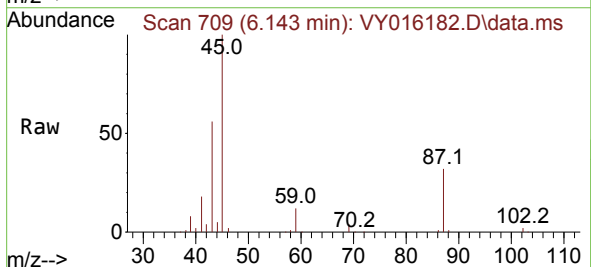
Instrument :
MSVOA_Y
ClientSampleId :



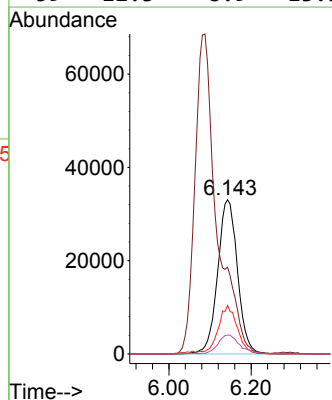
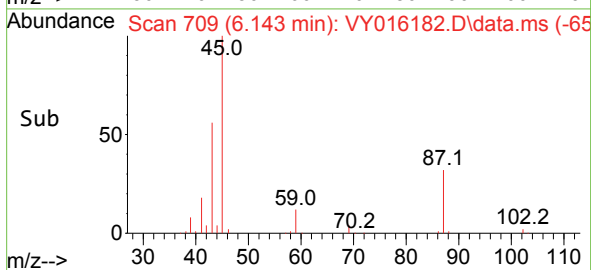
Tgt Ion: 96 Resp: 36316
Ion Ratio Lower Upper
96 100
61 124.6 110.2 165.4
98 61.3 51.8 77.6

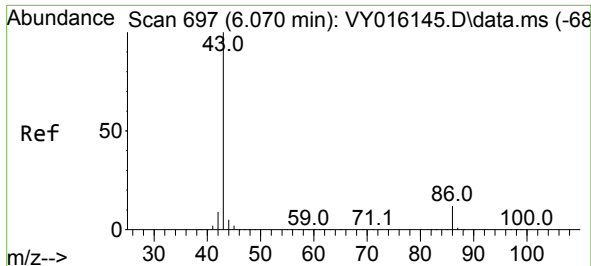


#22
Diisopropyl ether
Concen: 20.682 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40



Tgt Ion: 45 Resp: 110703
Ion Ratio Lower Upper
45 100
43 55.5 52.2 78.4
87 31.5 21.0 31.6
59 12.3 8.9 13.3

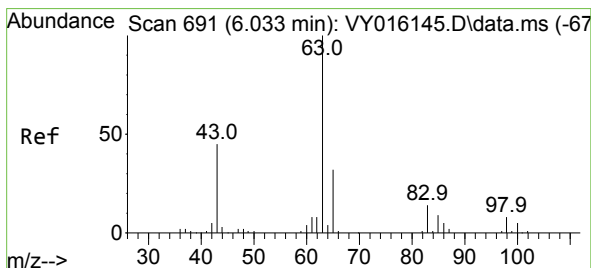
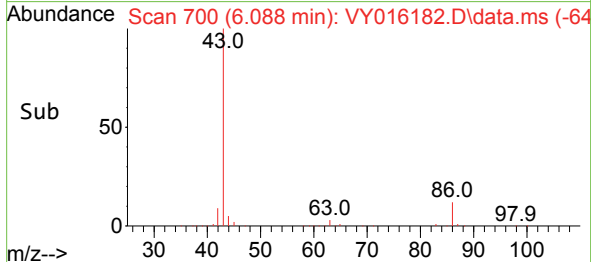
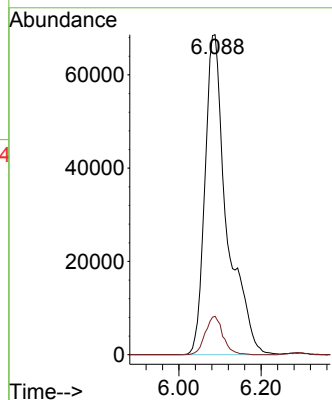
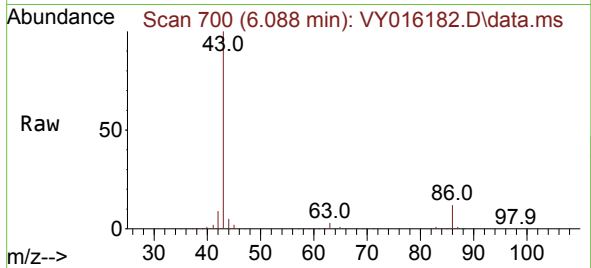




#23
 Vinyl Acetate
 Concen: 96.811 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.018 min
 Lab File: VY016182.D
 Acq: 02 Nov 2023 11:40

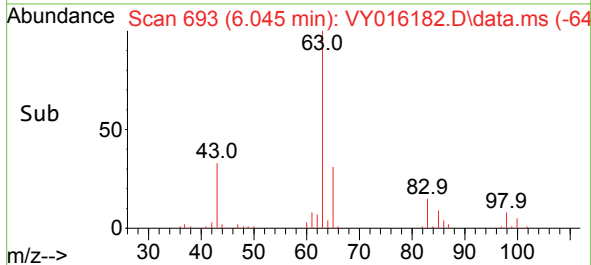
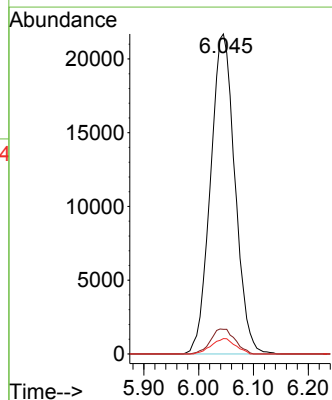
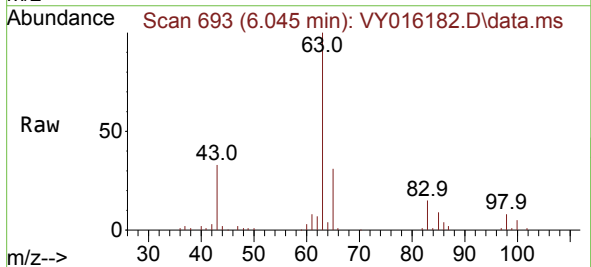
Instrument :
 MSVOA_Y
 ClientSampleId :

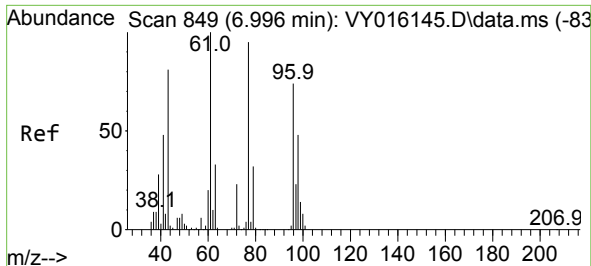
Tgt Ion: 43 Resp: 254425
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.986 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016182.D
 Acq: 02 Nov 2023 11:40

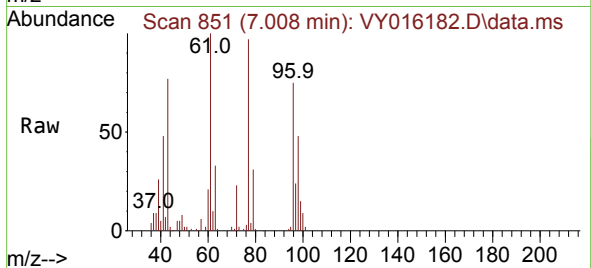
Tgt Ion: 63 Resp: 67229
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.8 1.8 5.5



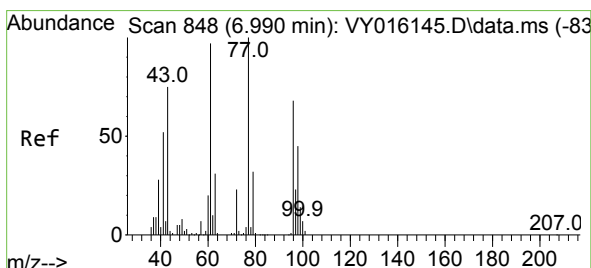
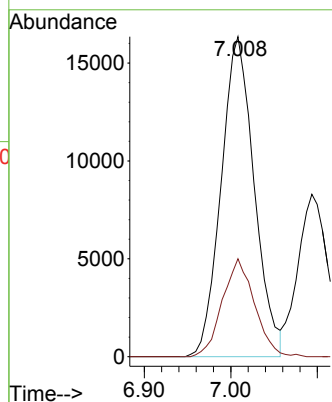
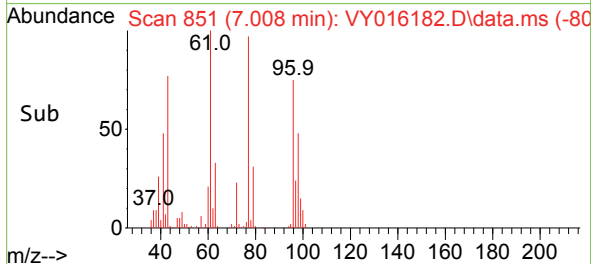


#25
2-Butanone
Concen: 86.033 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Instrument :
MSVOA_Y
ClientSampleId :

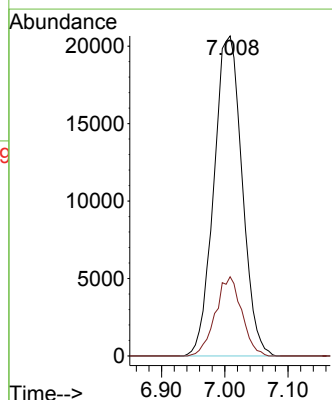
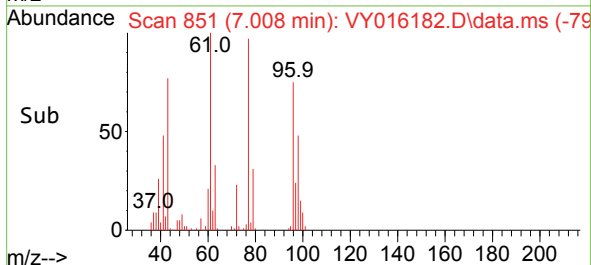
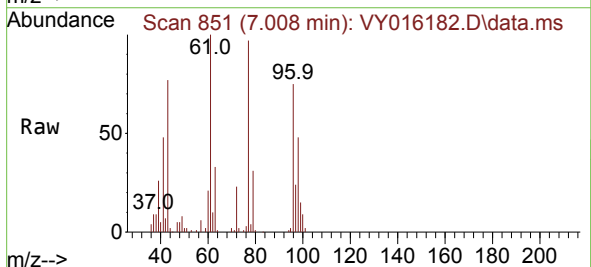


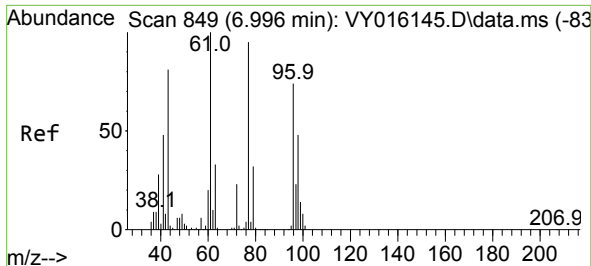
Tgt Ion: 43 Resp: 43427
Ion Ratio Lower Upper
43 100
72 30.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.103 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.018 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

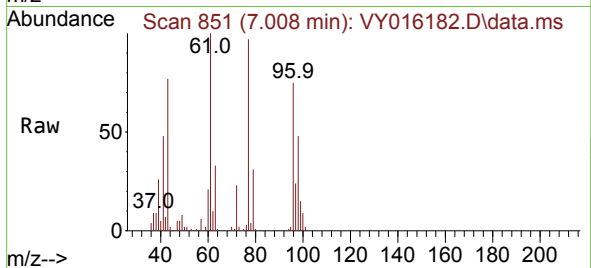
Tgt Ion: 77 Resp: 63905
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.9



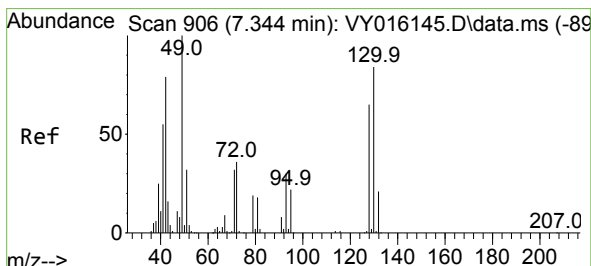
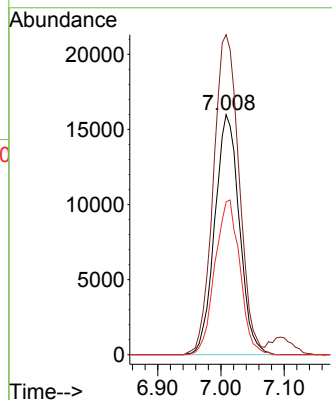
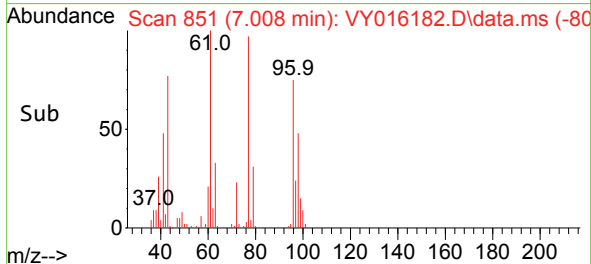


#27
 cis-1,2-Dichloroethene
 Concen: 20.338 ug/l
 RT: 7.008 min Scan# 81
 Delta R.T. 0.012 min
 Lab File: VY016182.D
 Acq: 02 Nov 2023 11:40

Instrument :
 MSVOA_Y
 ClientSampleId :

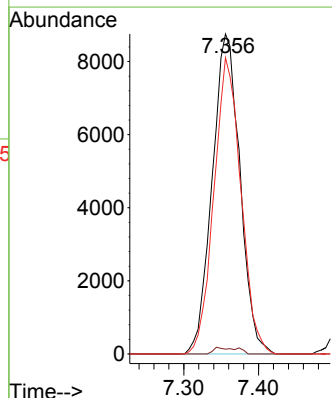
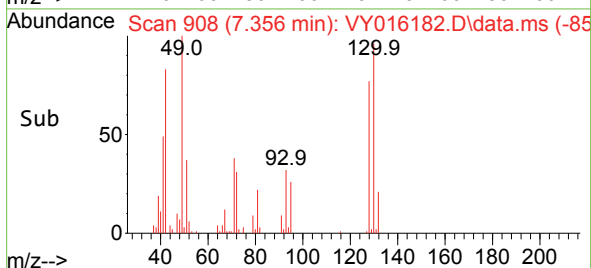
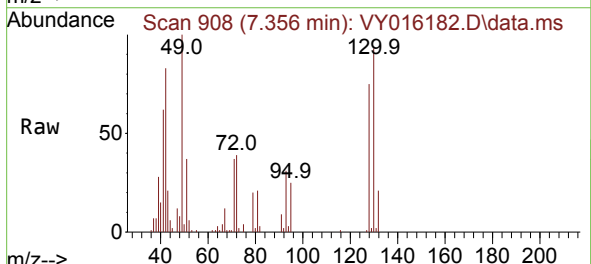


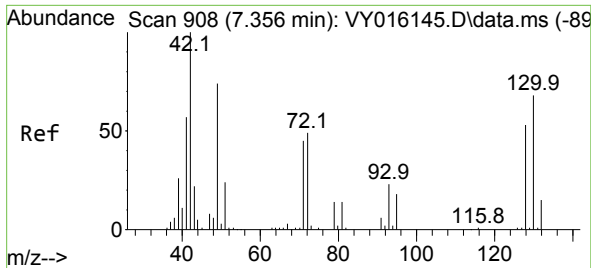
Tgt Ion: 96 Resp: 43133
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 301.4
 98 65.4 0.0 130.4



#28
 Bromochloromethane
 Concen: 18.841 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY016182.D
 Acq: 02 Nov 2023 11:40

Tgt Ion: 49 Resp: 22586
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 90.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 90.011 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

ClientSampleId :

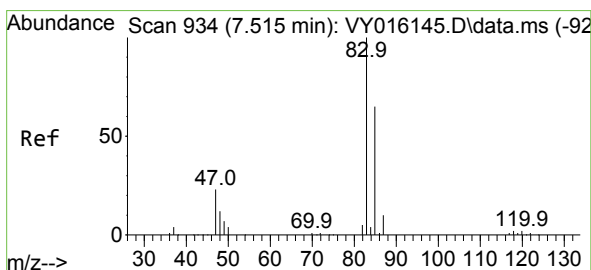
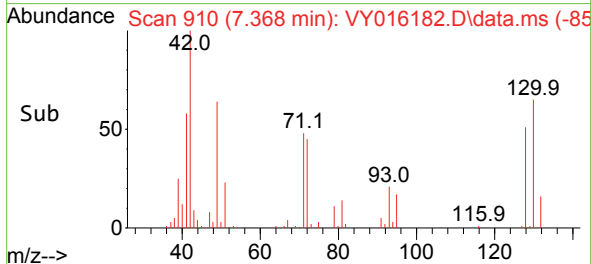
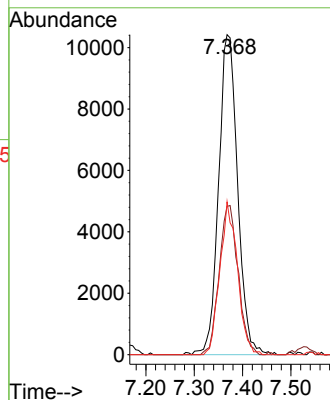
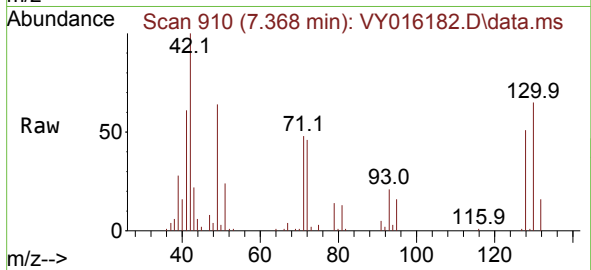
Tgt Ion: 42 Resp: 28481

Ion Ratio Lower Upper

42 100

72 46.6 32.8 49.2

71 44.2 31.0 46.4



#30

Chloroform

Concen: 20.818 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.018 min

Lab File: VY016182.D

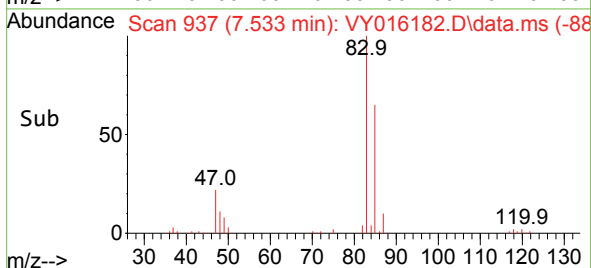
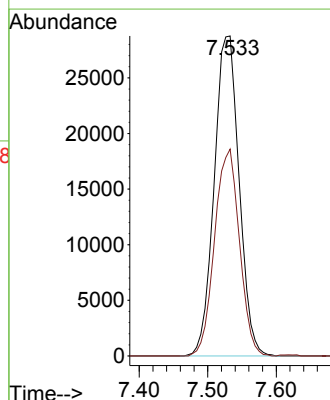
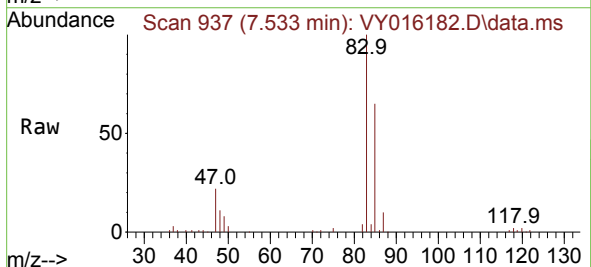
Acq: 02 Nov 2023 11:40

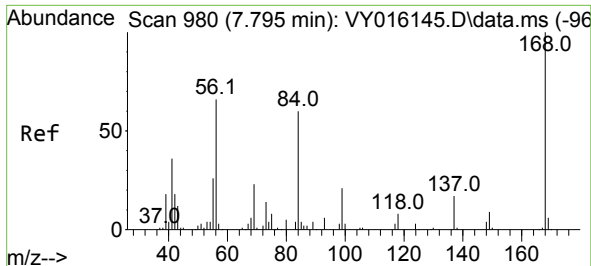
Tgt Ion: 83 Resp: 72607

Ion Ratio Lower Upper

83 100

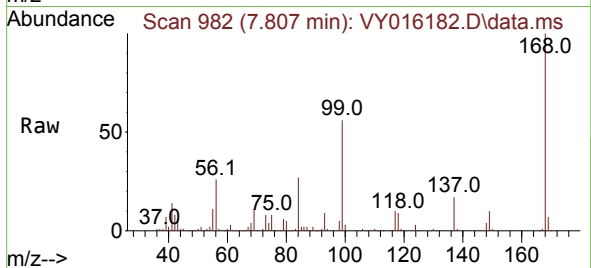
85 64.6 49.7 74.5



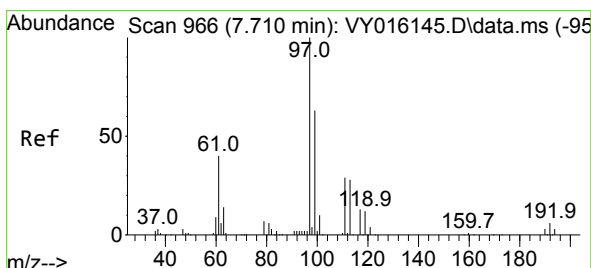
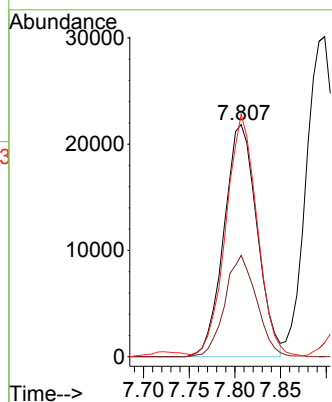
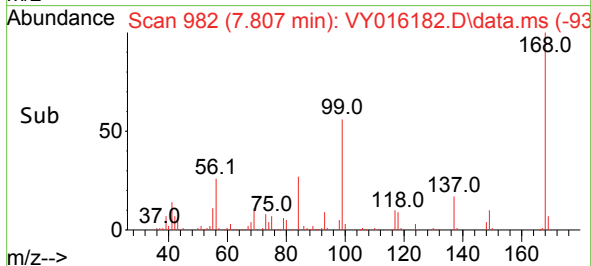


#31
Cyclohexane
Concen: 19.557 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Instrument :
MSVOA_Y
ClientSampleId :

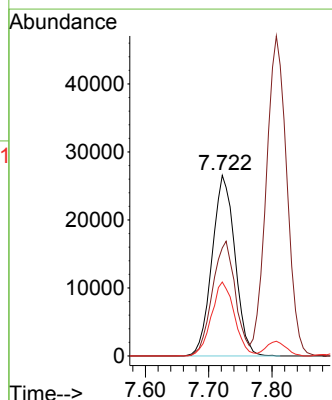
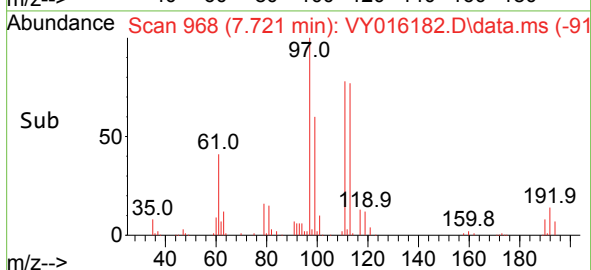
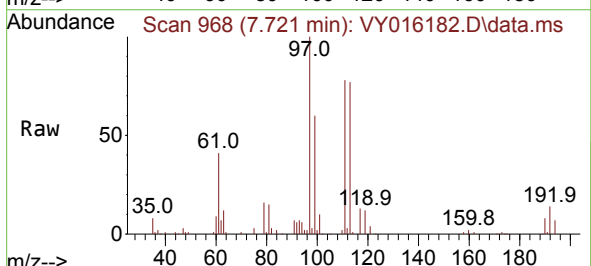


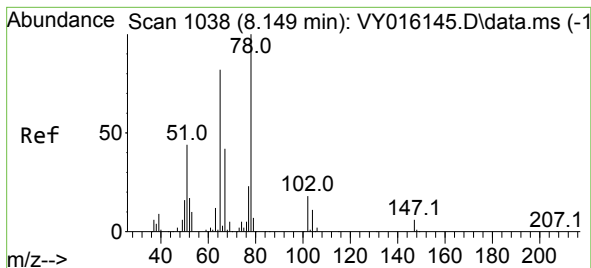
Tgt Ion: 56 Resp: 55005
Ion Ratio Lower Upper
56 100
69 43.6 27.8 41.6#
84 102.9 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 20.835 ug/l
RT: 7.721 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Tgt Ion: 97 Resp: 66641
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 41.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.059 ug/l

RT: 8.160 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

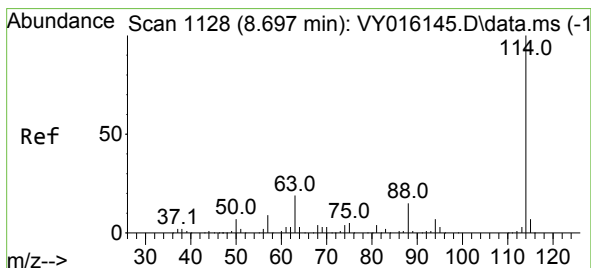
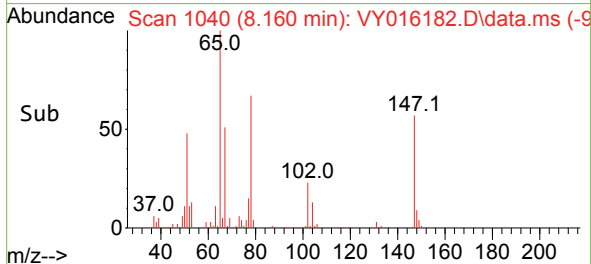
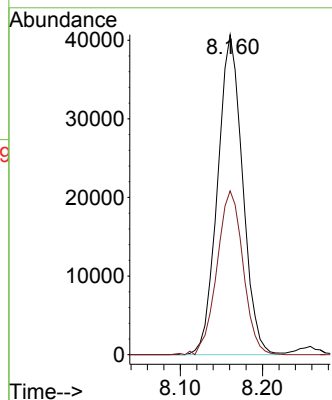
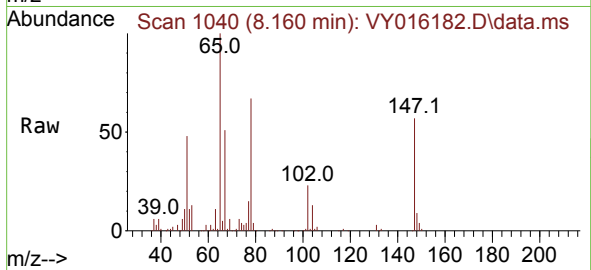
ClientSampleId :

Tgt Ion: 65 Resp: 86099

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

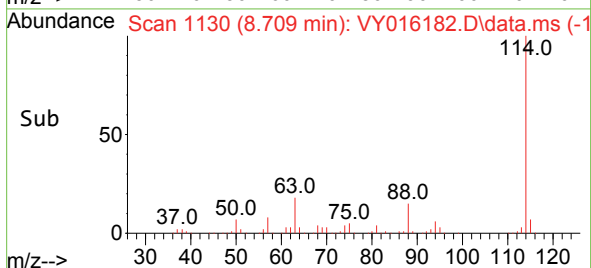
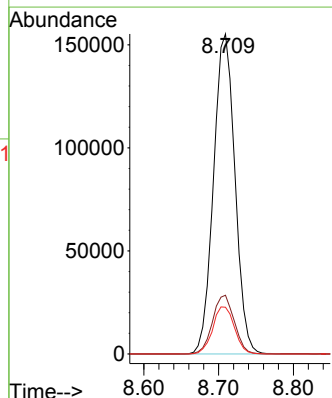
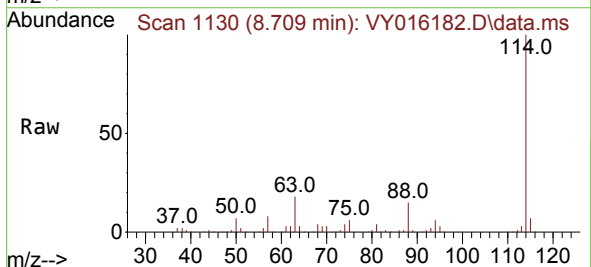
Tgt Ion: 114 Resp: 310192

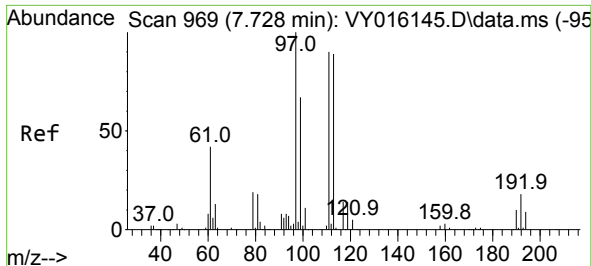
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

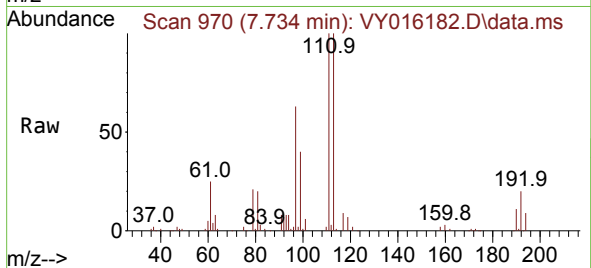
88 14.6 0.0 30.6



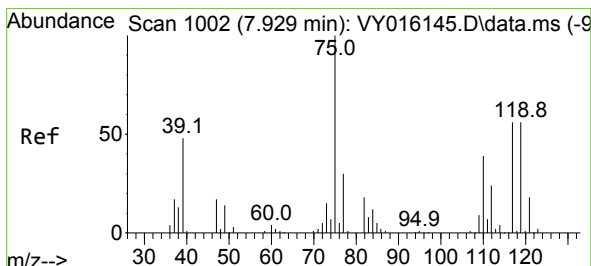
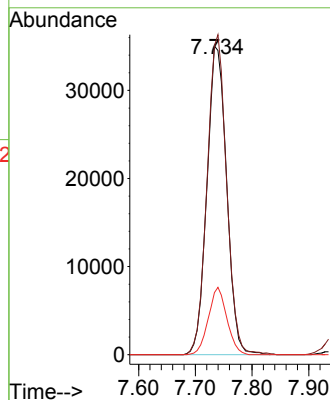
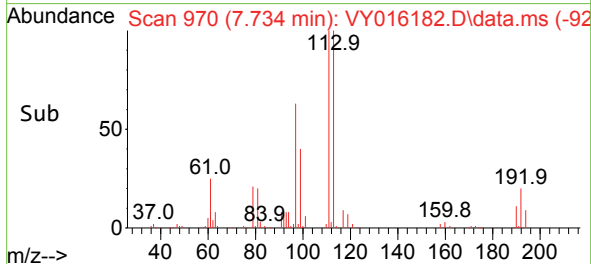


#35
Dibromofluoromethane
Concen: 45.726 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Instrument :
MSVOA_Y
ClientSampleId :

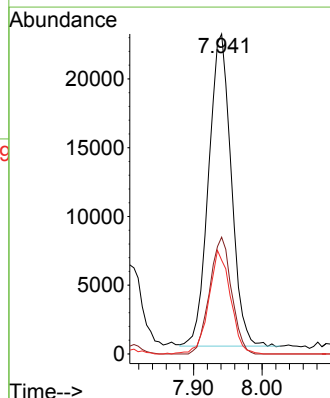
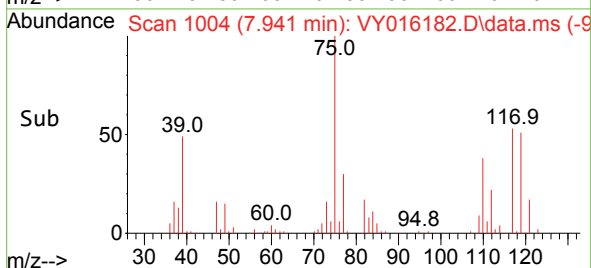
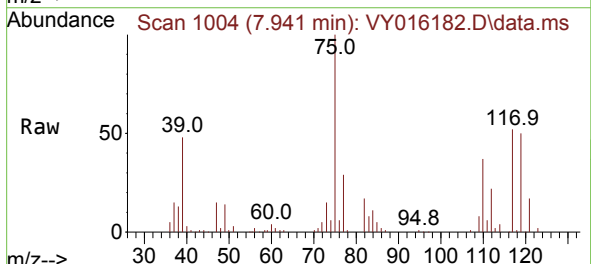


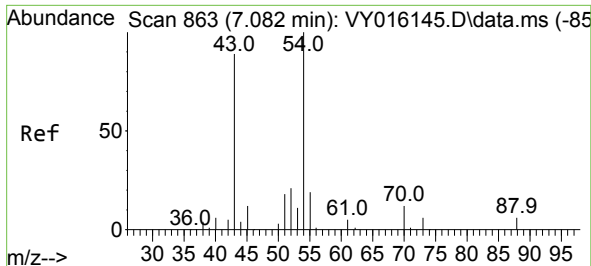
Tgt Ion:113 Resp: 84559
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 20.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.453 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Tgt Ion: 75 Resp: 51945
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 32.0 24.4 36.6





#37

Ethyl Acetate

Concen: 17.989 ug/l

RT: 7.094 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

ClientSampleId :

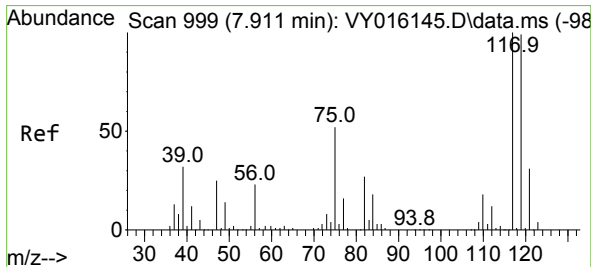
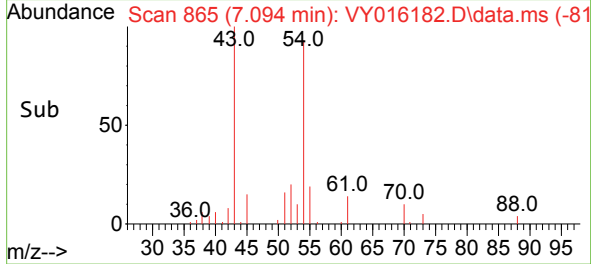
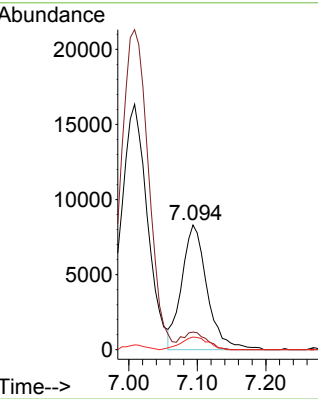
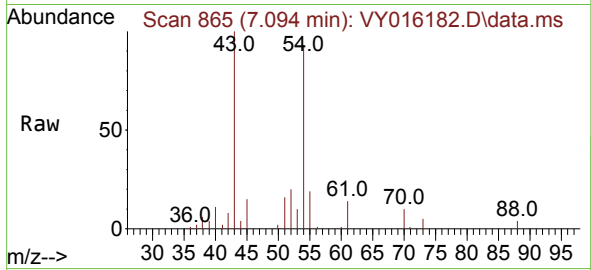
Tgt Ion: 43 Resp: 21395

Ion Ratio Lower Upper

43 100

61 13.5 10.1 15.1

70 10.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 21.649 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

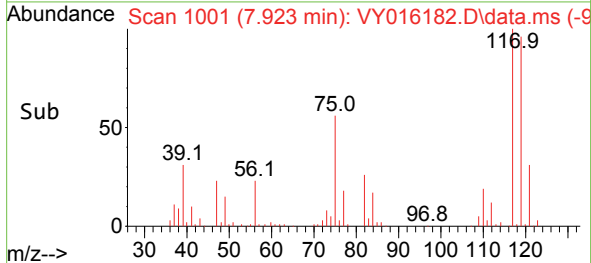
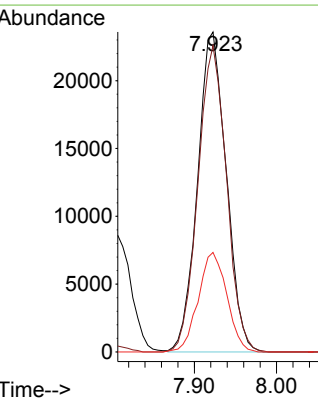
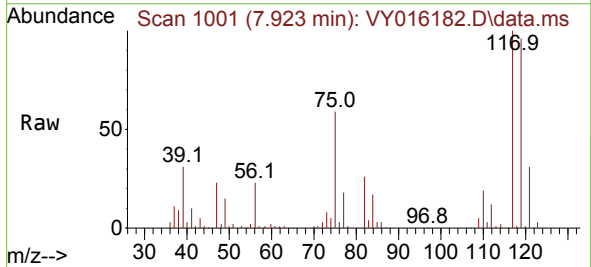
Tgt Ion: 117 Resp: 57273

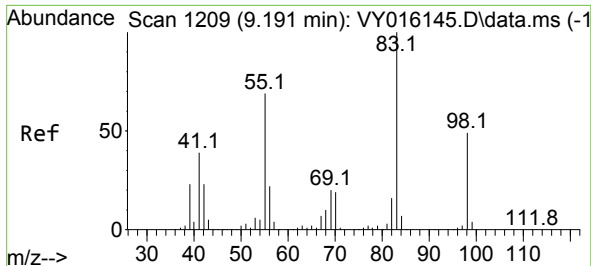
Ion Ratio Lower Upper

117 100

119 95.8 76.4 114.6

121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 19.513 ug/l

RT: 9.203 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

ClientSampleId :

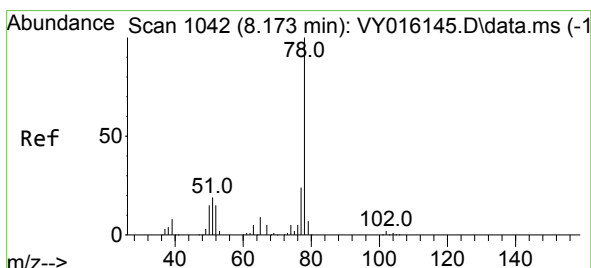
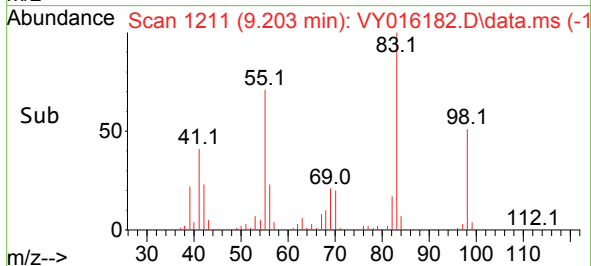
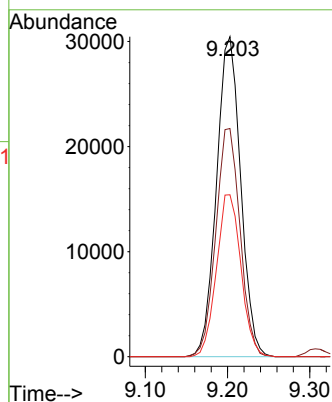
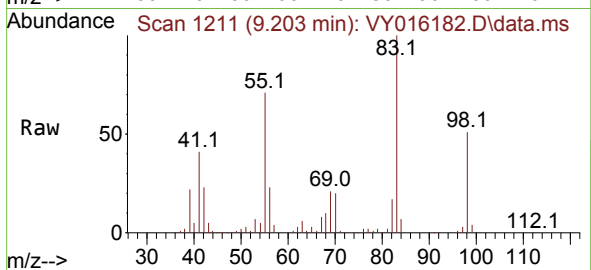
Tgt Ion: 83 Resp: 62197

Ion Ratio Lower Upper

83 100

55 71.3 63.0 94.4

98 50.6 37.4 56.2



#40

Benzene

Concen: 20.093 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016182.D

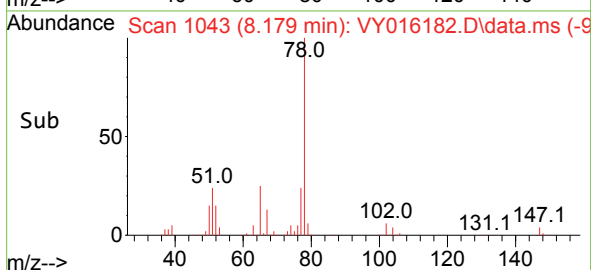
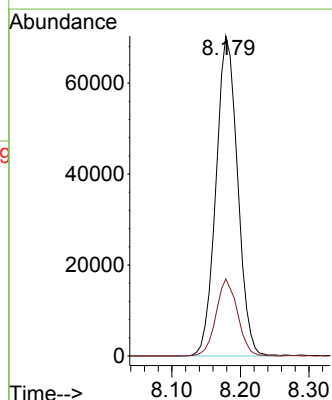
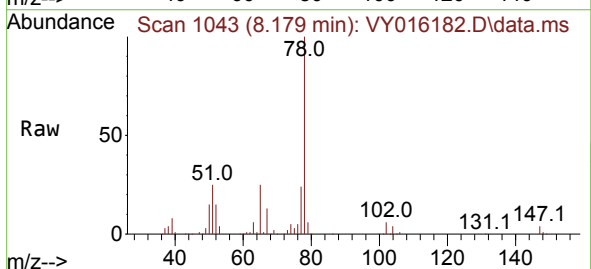
Acq: 02 Nov 2023 11:40

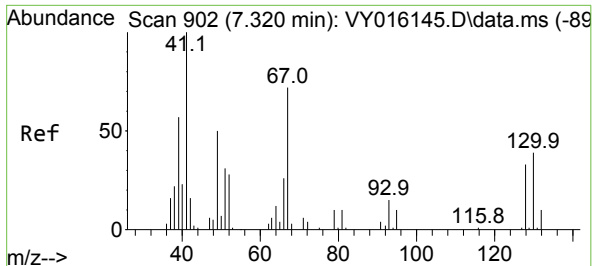
Tgt Ion: 78 Resp: 154039

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

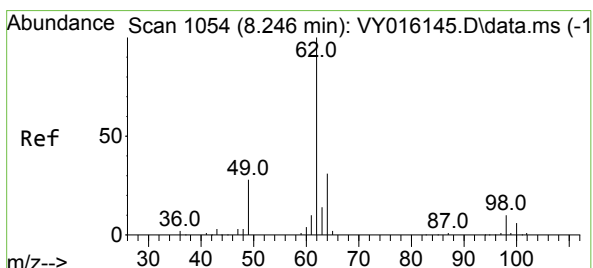
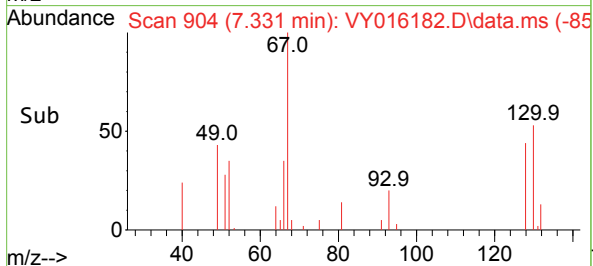
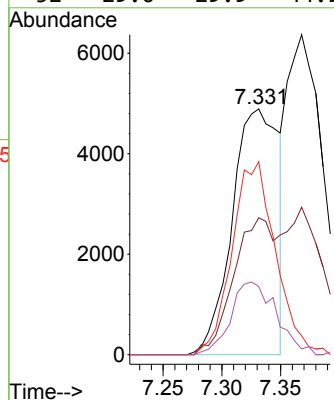
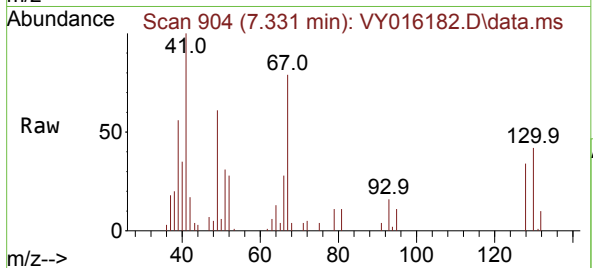




#41
Methacrylonitrile
Concen: 19.419 ug/l
RT: 7.331 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

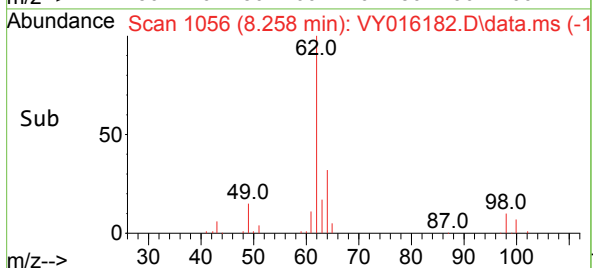
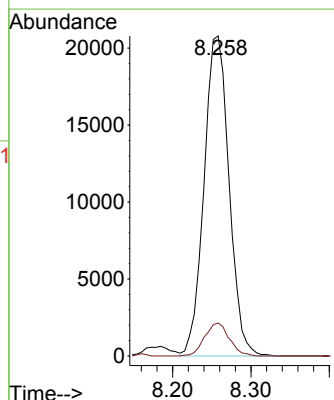
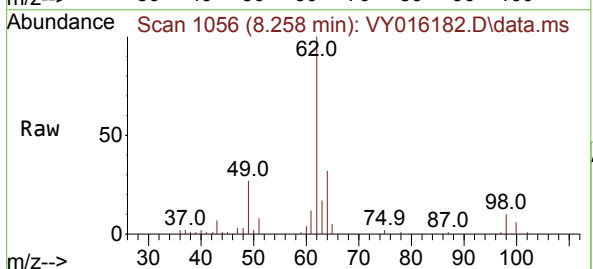
Instrument :
MSVOA_Y
ClientSampleId :

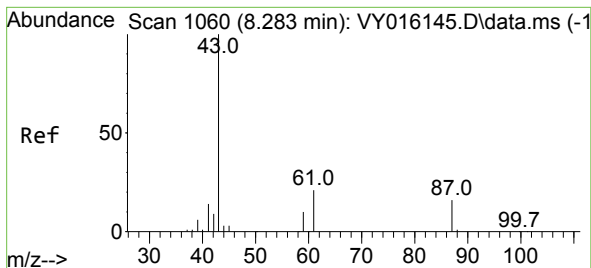
Tgt Ion: 41 Resp: 13406
Ion Ratio Lower Upper
41 100
39 47.1 52.1 78.1#
67 73.7 66.2 99.2
52 29.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 21.583 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Tgt Ion: 62 Resp: 46174
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8





#43

Isopropyl Acetate

Concen: 18.714 ug/l

RT: 8.288 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

ClientSampleId :

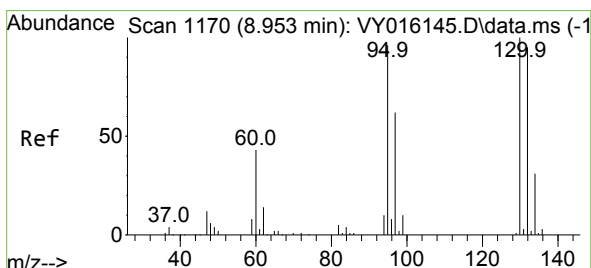
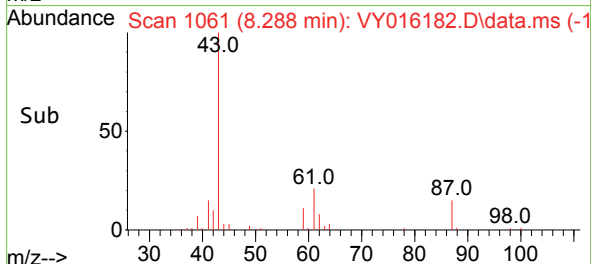
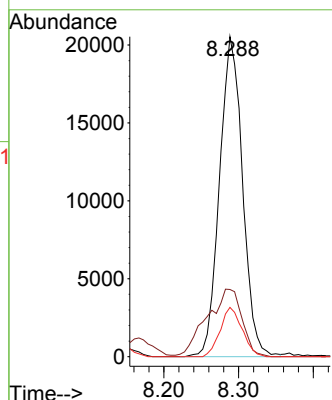
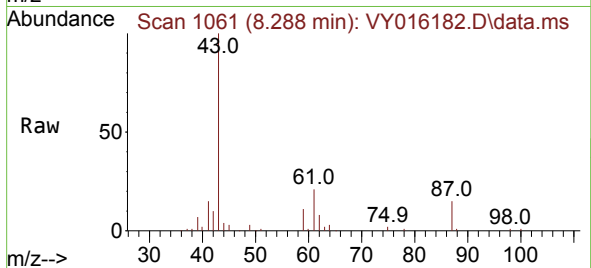
Tgt Ion: 43 Resp: 44028

Ion Ratio Lower Upper

43 100

61 32.0 21.1 31.7#

87 14.7 9.8 14.8



#44

Trichloroethene

Concen: 19.910 ug/l

RT: 8.959 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY016182.D

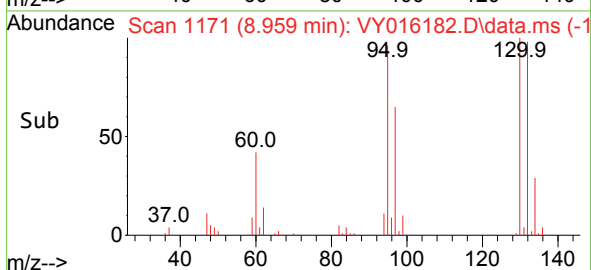
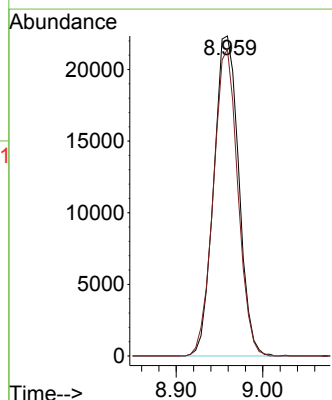
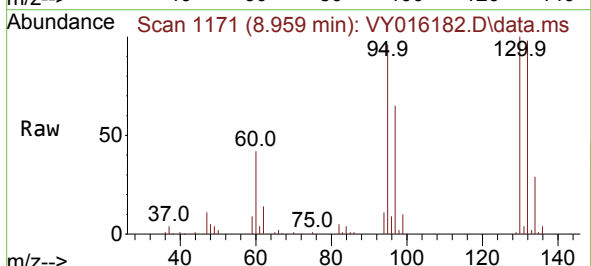
Acq: 02 Nov 2023 11:40

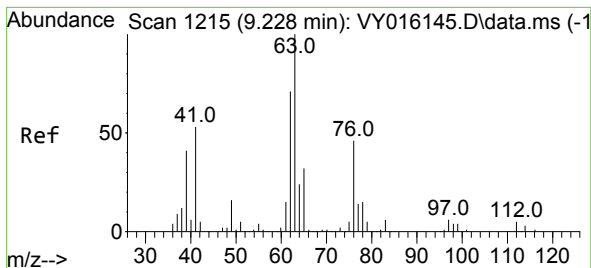
Tgt Ion:130 Resp: 44667

Ion Ratio Lower Upper

130 100

95 96.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.735 ug/l

RT: 9.233 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

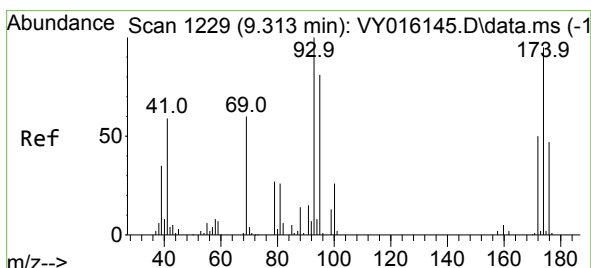
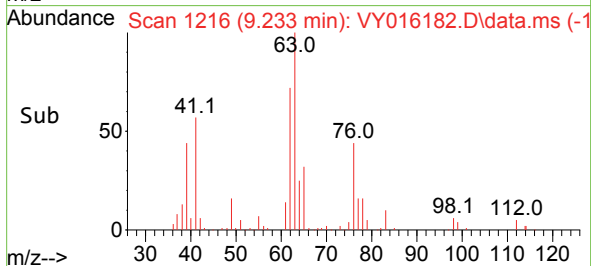
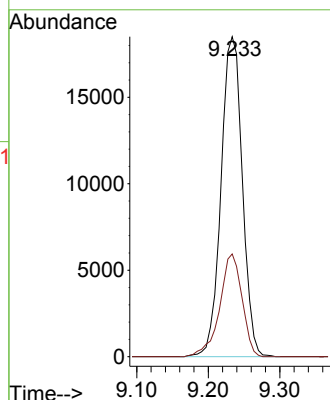
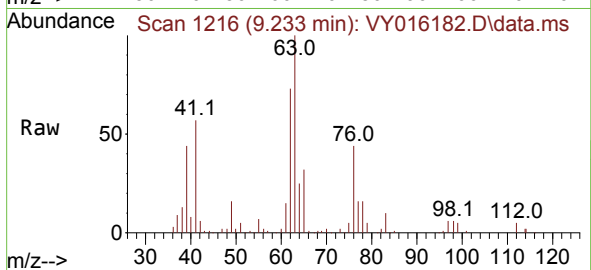
ClientSampleId :

Tgt Ion: 63 Resp: 38239

Ion Ratio Lower Upper

63 100

65 32.1 23.8 35.6



#46

Dibromomethane

Concen: 18.930 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

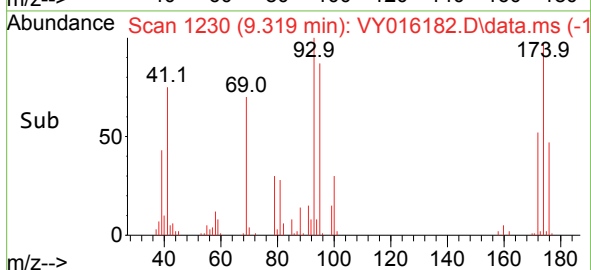
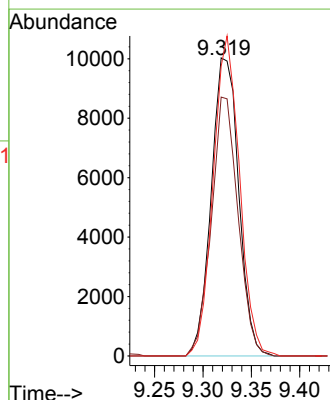
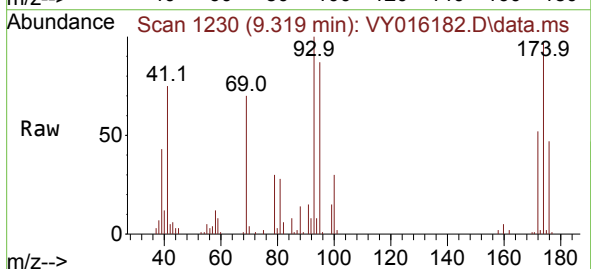
Tgt Ion: 93 Resp: 19804

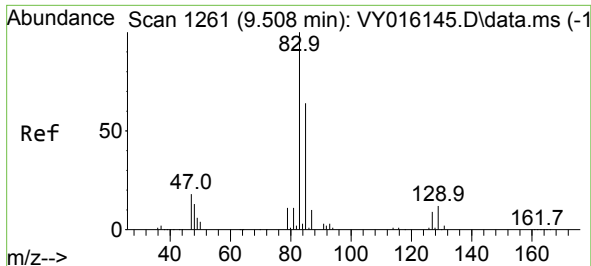
Ion Ratio Lower Upper

93 100

95 84.5 66.6 100.0

174 102.8 84.8 127.2

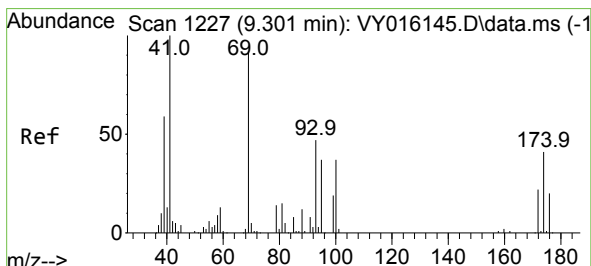
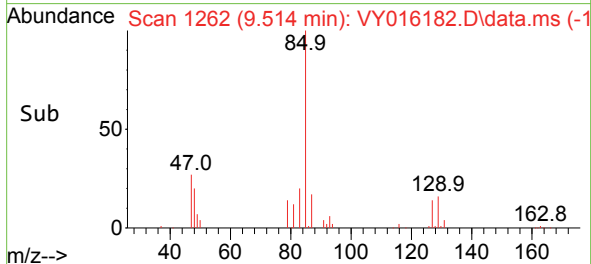
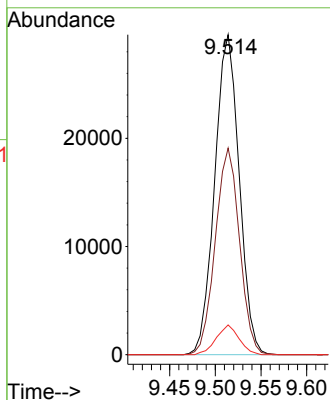
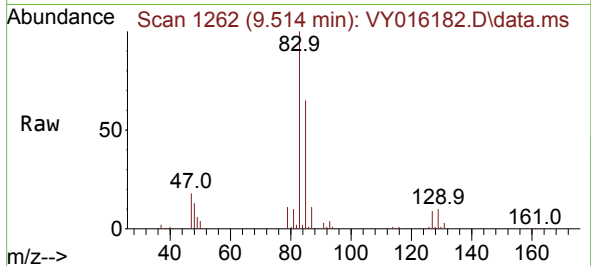




#47
Bromodichloromethane
Concen: 20.727 ug/l
RT: 9.514 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

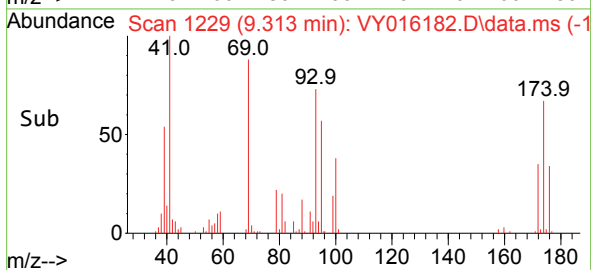
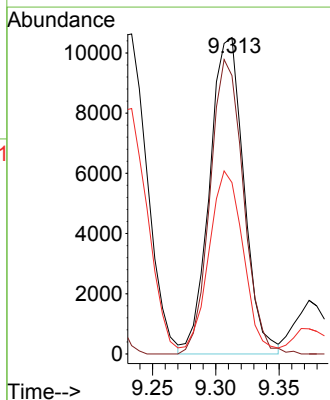
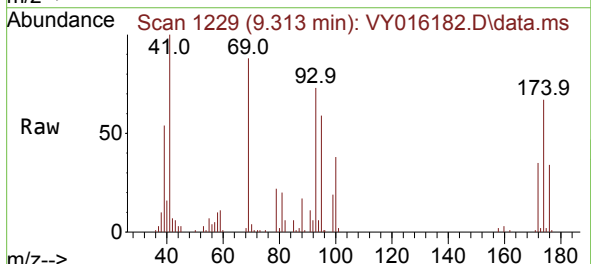
Instrument :
MSVOA_Y
ClientSampleId :

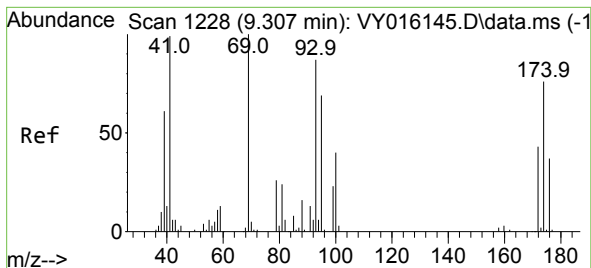
Tgt Ion: 83 Resp: 55095
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 18.505 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Tgt Ion: 41 Resp: 19797
Ion Ratio Lower Upper
41 100
69 90.4 64.5 96.7
39 58.3 50.8 76.2





#49

1,4-Dioxane

Concen: 255.816 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

ClientSampleId :

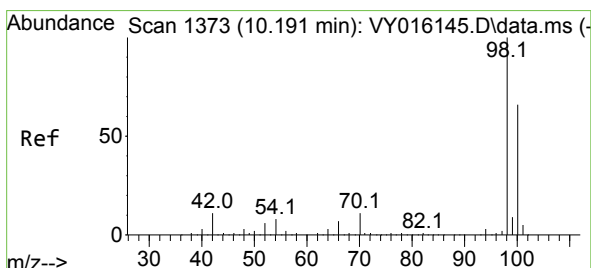
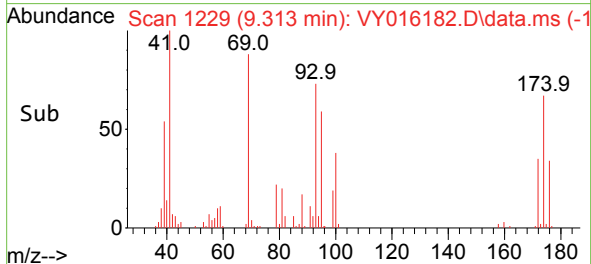
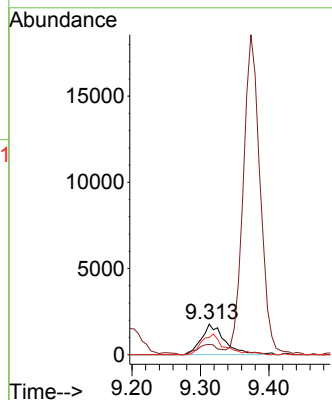
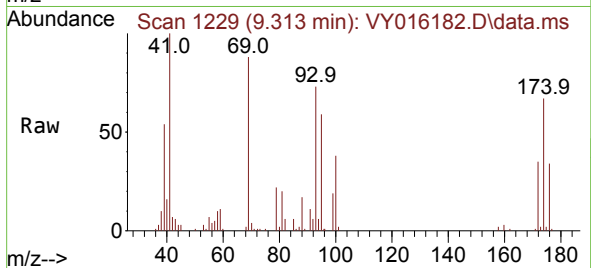
Tgt Ion: 88 Resp: 4259

Ion Ratio Lower Upper

88 100

43 31.7 0.0 0.0#

58 60.4 30.9 46.3#



#50

Toluene-d8

Concen: 48.156 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016182.D

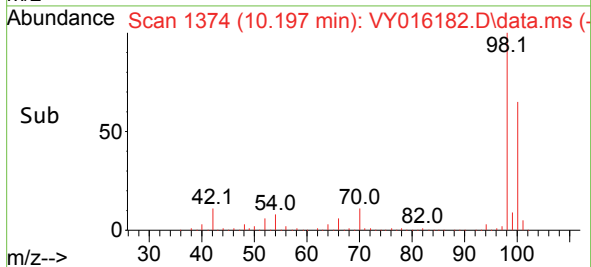
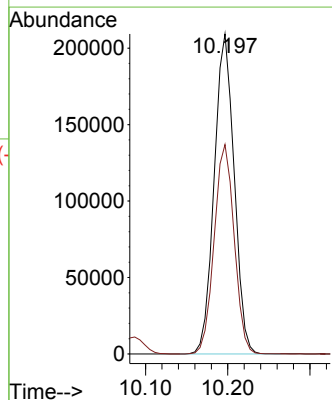
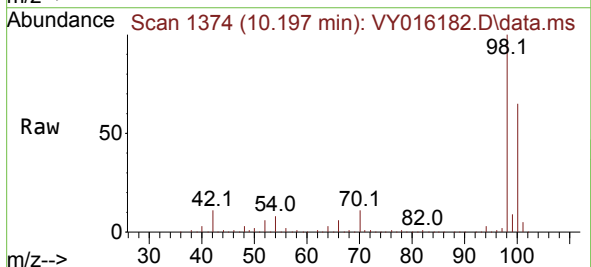
Acq: 02 Nov 2023 11:40

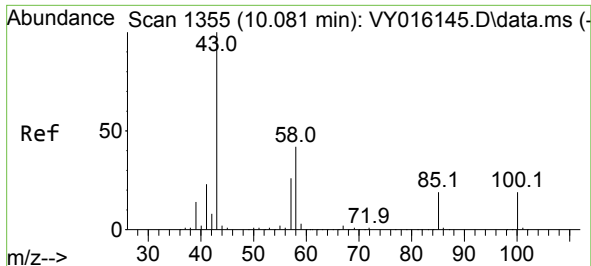
Tgt Ion: 98 Resp: 353079

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 93.381 ug/l

RT: 10.087 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

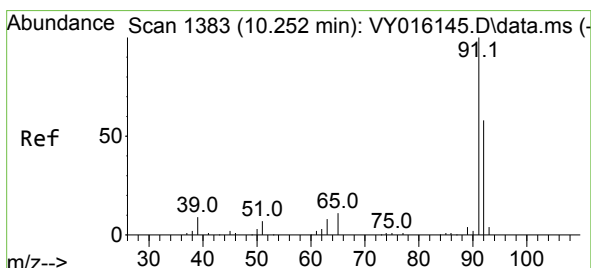
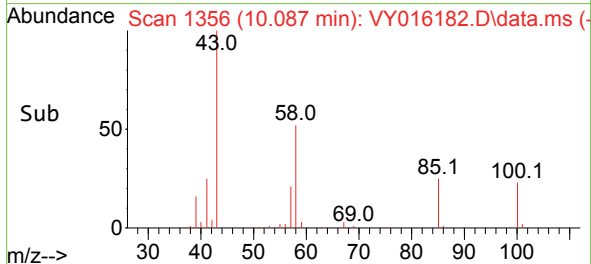
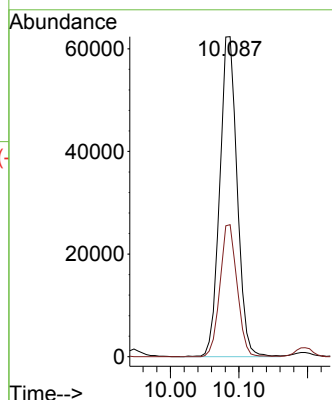
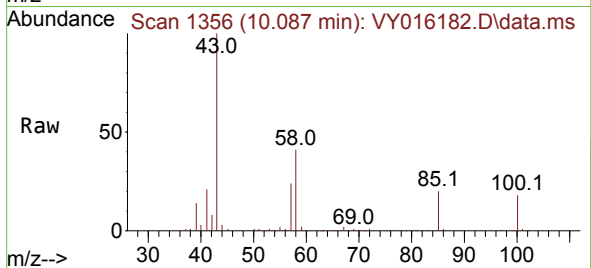
ClientSampleId :

Tgt Ion: 43 Resp: 109618

Ion Ratio Lower Upper

43 100

58 40.7 29.0 43.6



#52

Toluene

Concen: 21.294 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016182.D

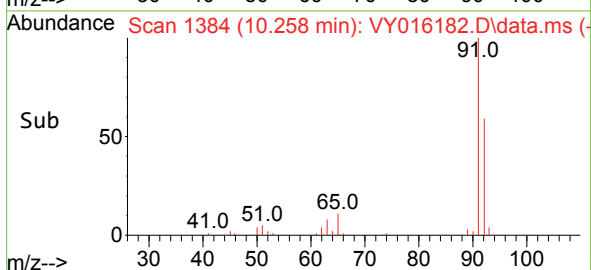
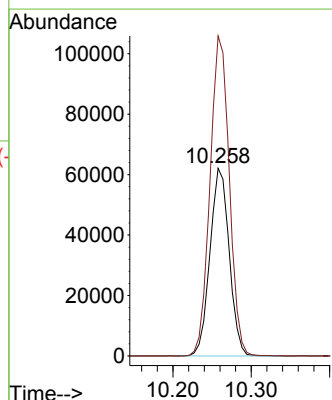
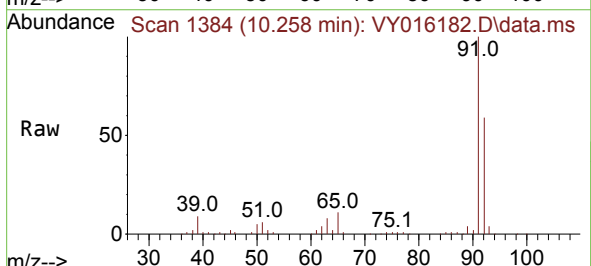
Acq: 02 Nov 2023 11:40

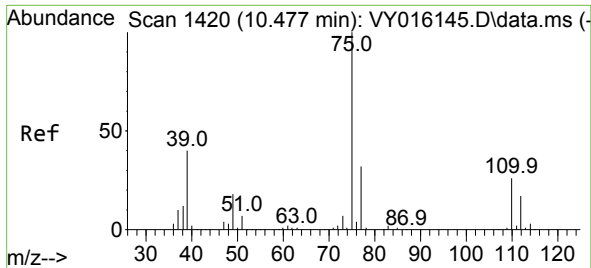
Tgt Ion: 92 Resp: 105783

Ion Ratio Lower Upper

92 100

91 171.1 143.8 215.6

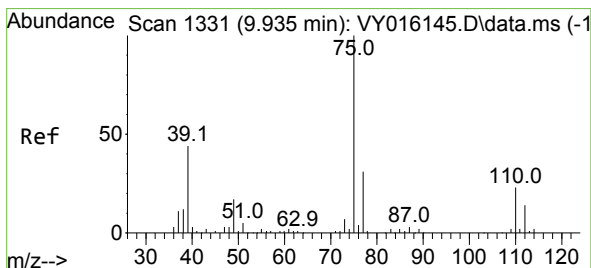
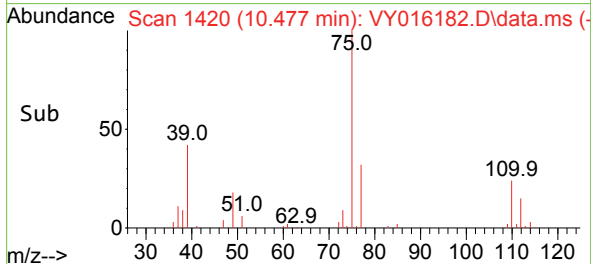
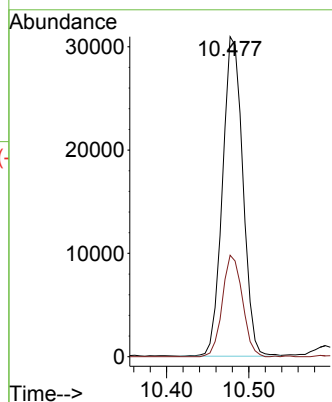
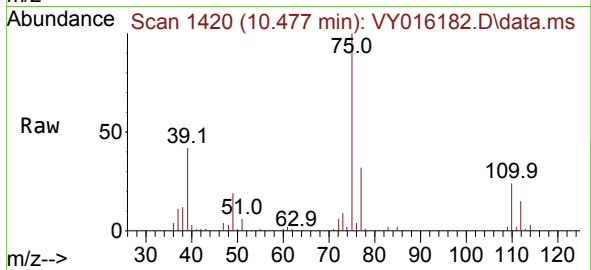




#53
 t-1,3-Dichloropropene
 Concen: 20.060 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016182.D
 Acq: 02 Nov 2023 11:40

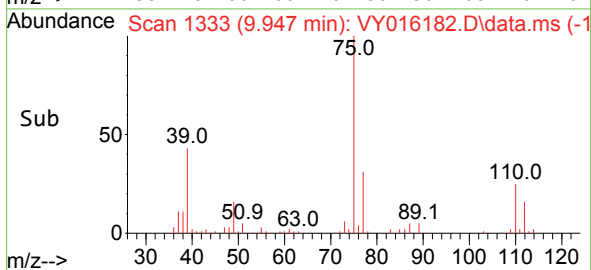
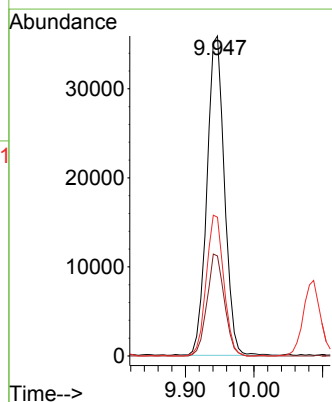
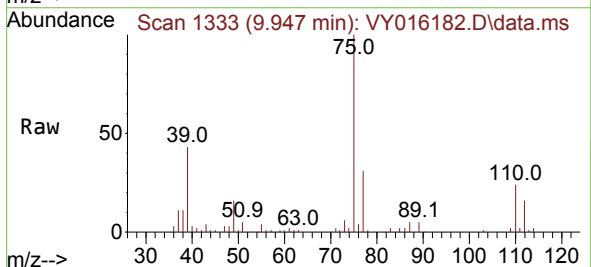
Instrument :
 MSVOA_Y
 ClientSampleId :

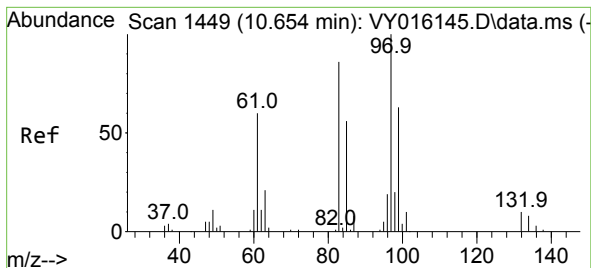
Tgt Ion: 75 Resp: 53228
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.403 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.012 min
 Lab File: VY016182.D
 Acq: 02 Nov 2023 11:40

Tgt Ion: 75 Resp: 63527
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.2 36.4
 39 43.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 19.470 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

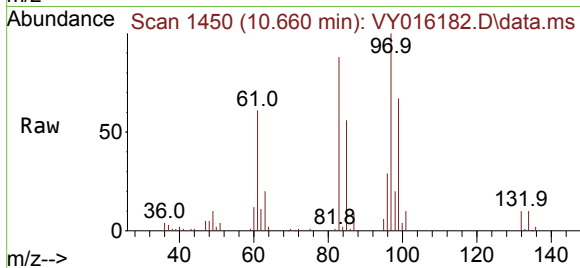
Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 28652

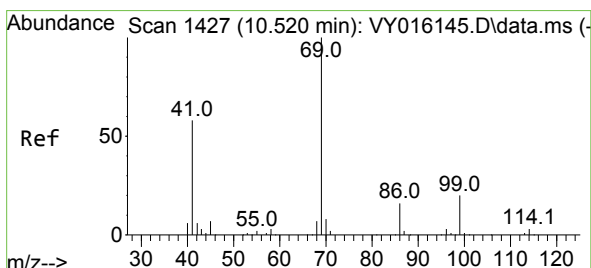
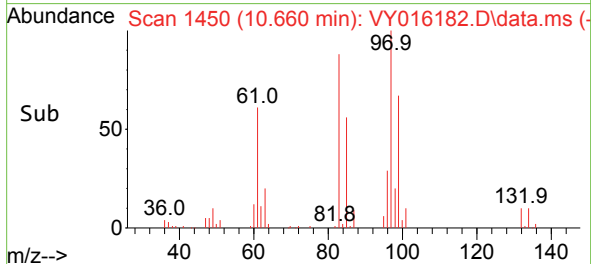
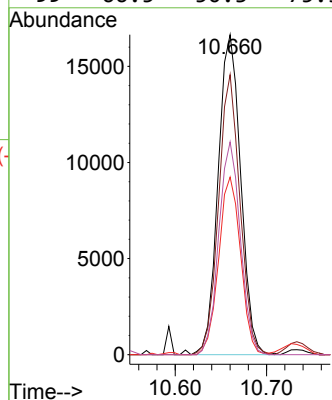
Ion Ratio Lower Upper

97 100

83 87.5 72.0 108.0

85 55.5 45.4 68.0

99 66.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.521 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

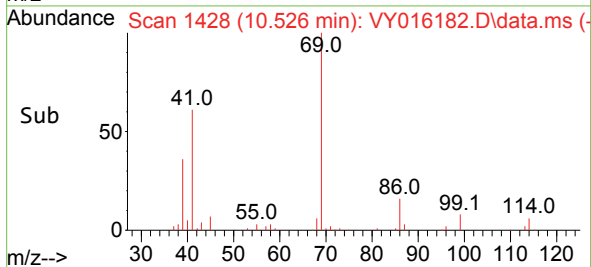
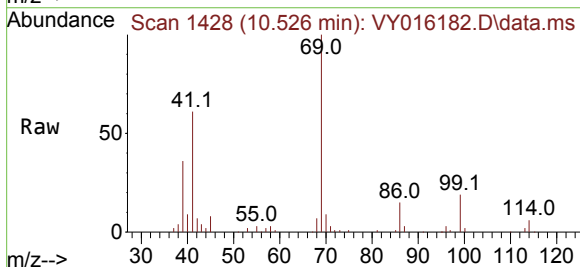
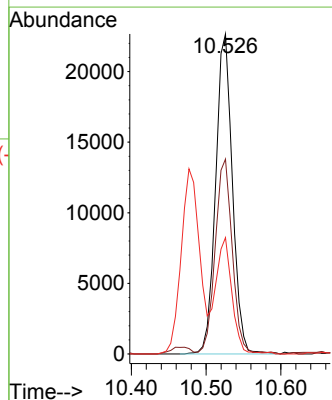
Tgt Ion: 69 Resp: 35396

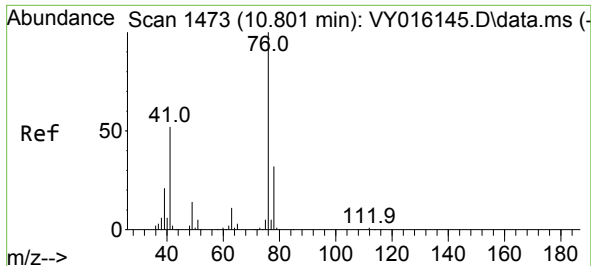
Ion Ratio Lower Upper

69 100

41 60.9 57.6 86.4

39 35.7 34.1 51.1

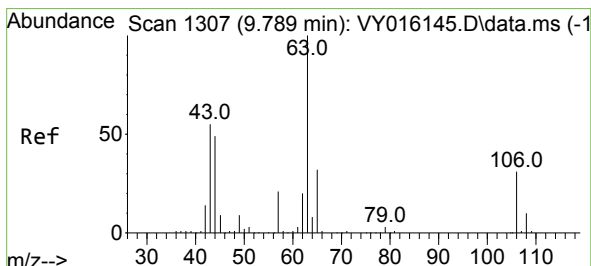
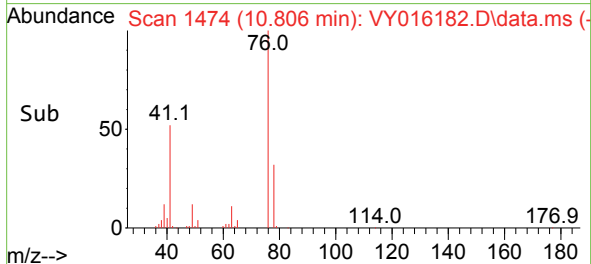
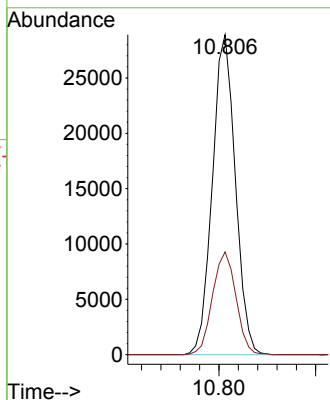
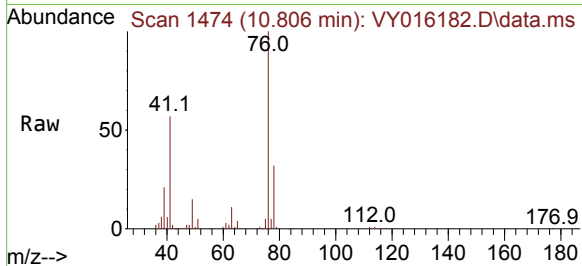




#57
1,3-Dichloropropane
Concen: 18.999 ug/l
RT: 10.806 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

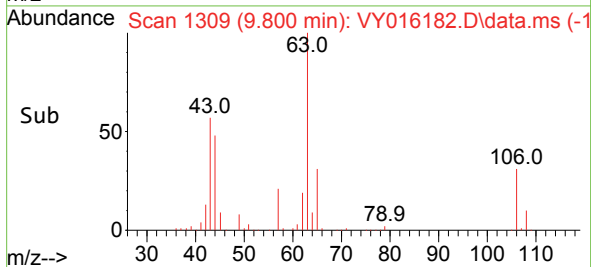
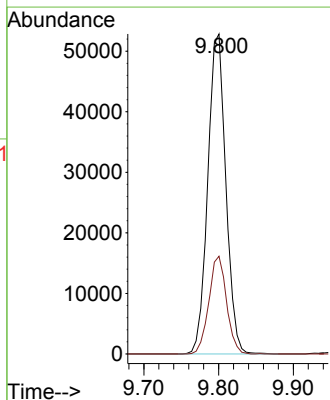
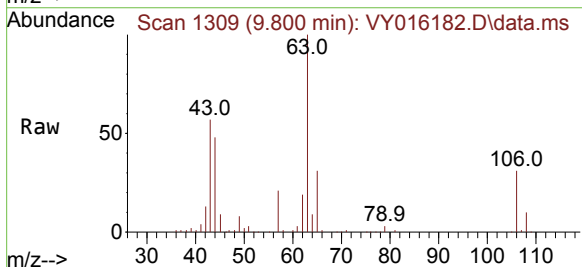
Instrument :
MSVOA_Y
ClientSampleId :

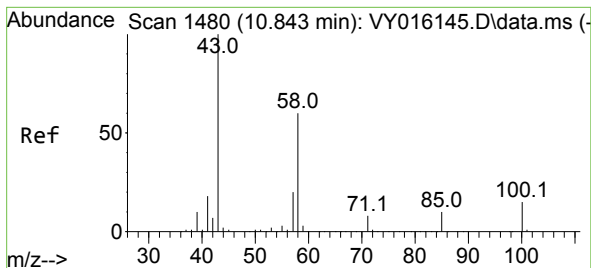
Tgt Ion: 76 Resp: 47597
Ion Ratio Lower Upper
76 100
78 32.9 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 95.797 ug/l
RT: 9.800 min Scan# 1309
Delta R.T. 0.012 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Tgt Ion: 63 Resp: 88778
Ion Ratio Lower Upper
63 100
106 30.0 21.2 31.8





#59

2-Hexanone

Concen: 90.625 ug/l

RT: 10.849 min Scan# 1480

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

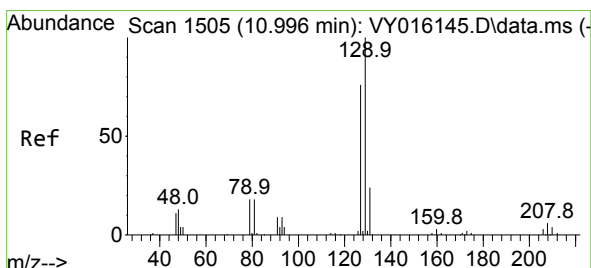
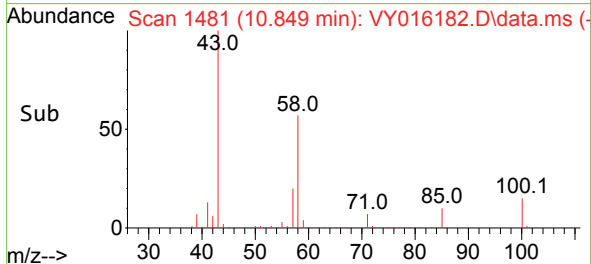
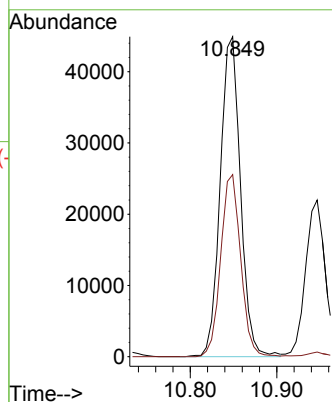
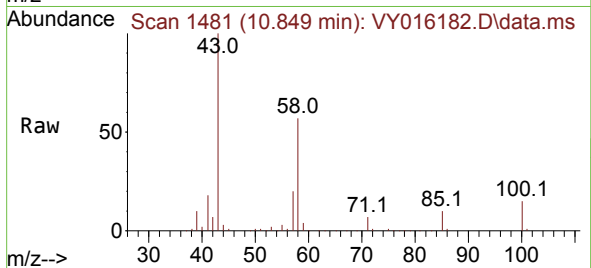
ClientSampleId :

Tgt Ion: 43 Resp: 72900

Ion Ratio Lower Upper

43 100

58 56.2 25.1 75.3



#60

Dibromochloromethane

Concen: 20.068 ug/l

RT: 11.001 min Scan# 1506

Delta R.T. 0.006 min

Lab File: VY016182.D

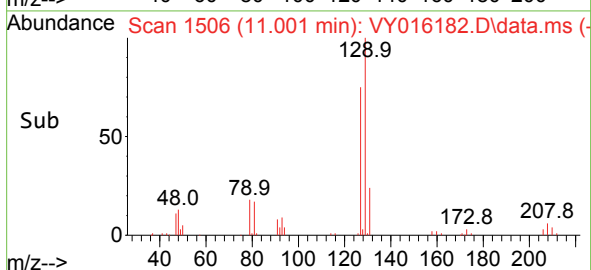
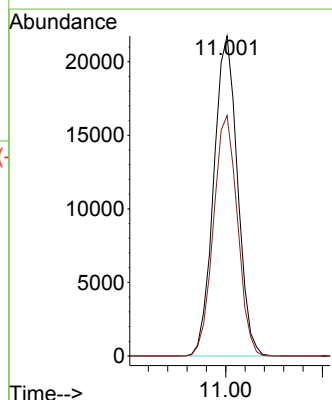
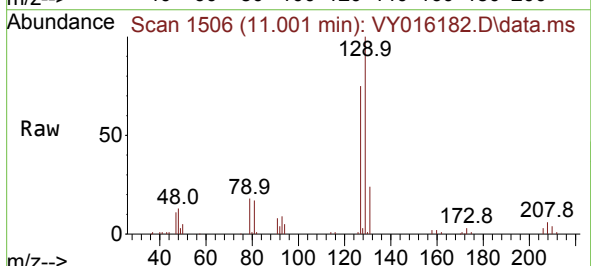
Acq: 02 Nov 2023 11:40

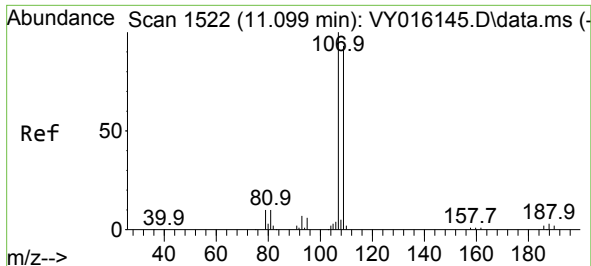
Tgt Ion: 129 Resp: 37049

Ion Ratio Lower Upper

129 100

127 75.9 38.5 115.5

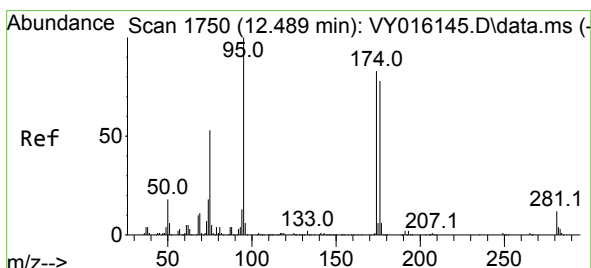
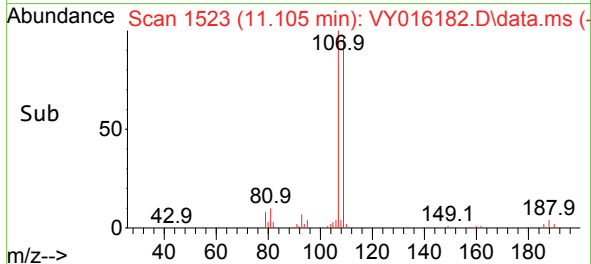
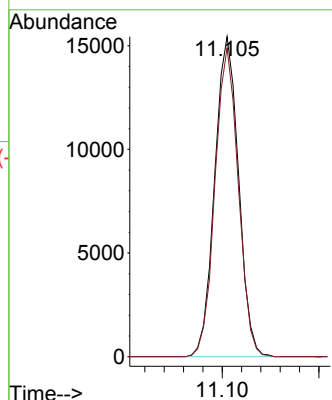
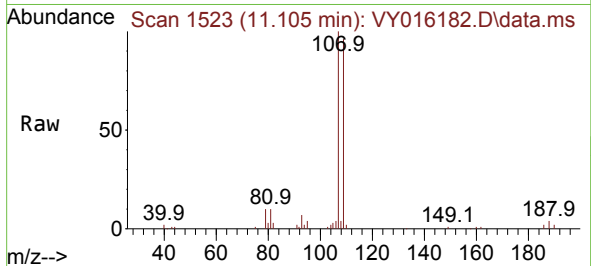




#61
1,2-Dibromoethane
Concen: 18.824 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

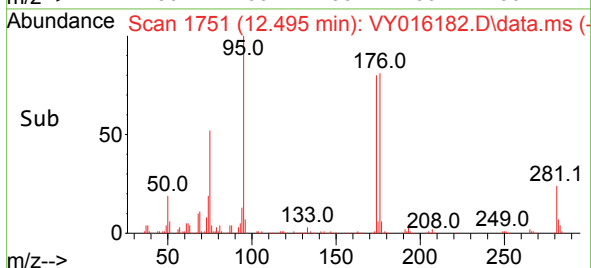
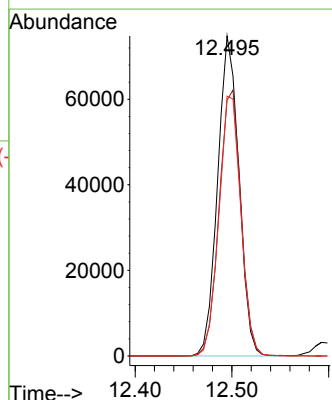
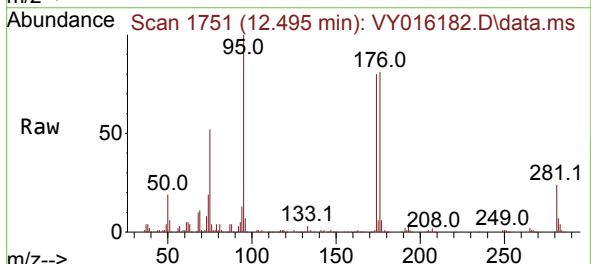
Instrument :
MSVOA_Y
ClientSampleId :

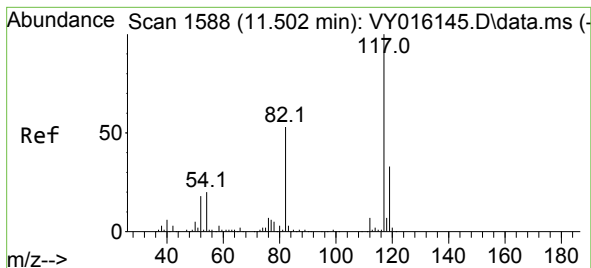
Tgt Ion:107 Resp: 26349
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.506 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Tgt Ion: 95 Resp: 114090
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 83.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.507 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

ClientSampleId :

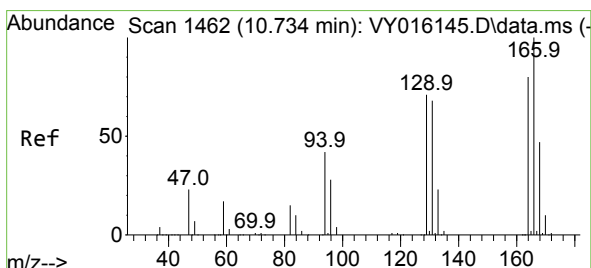
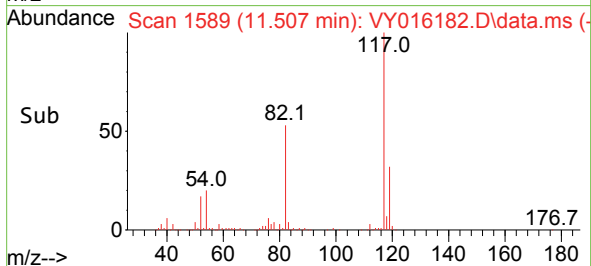
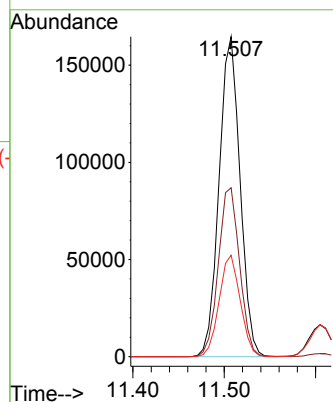
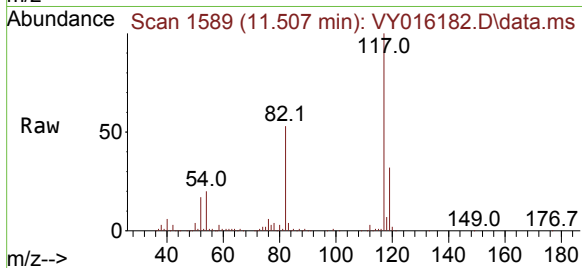
Tgt Ion:117 Resp: 262759

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 18.822 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. -0.000 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Tgt Ion:164 Resp: 43992

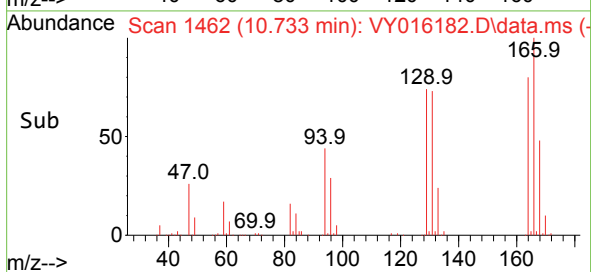
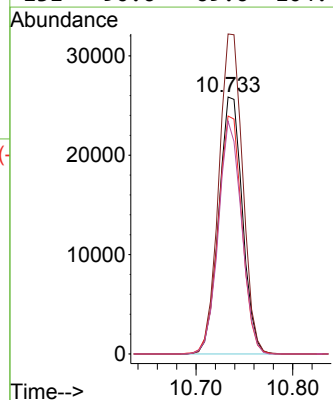
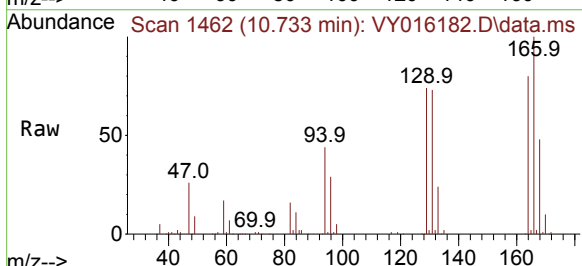
Ion Ratio Lower Upper

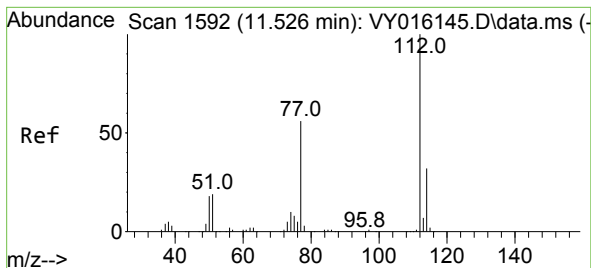
164 100

166 124.5 103.0 154.6

129 92.6 77.2 115.8

131 90.6 69.6 104.4





#65

Chlorobenzene

Concen: 20.482 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

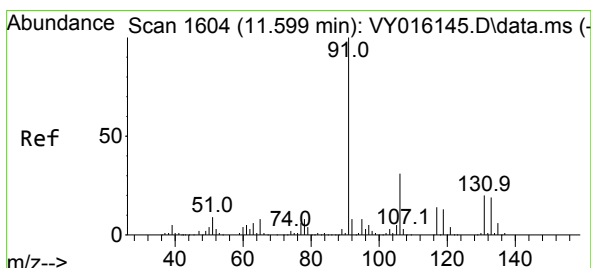
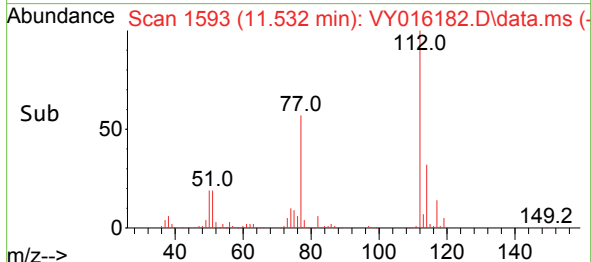
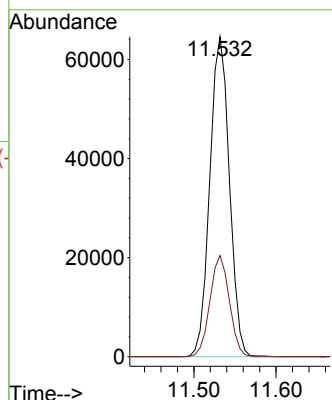
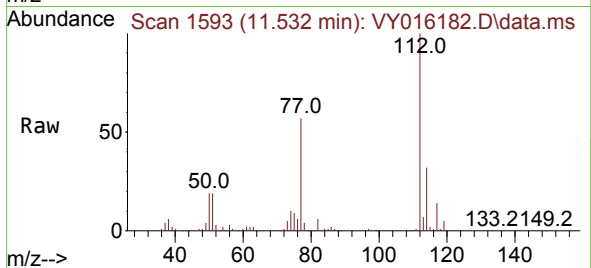
ClientSampleId :

Tgt Ion:112 Resp: 106923

Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.672 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

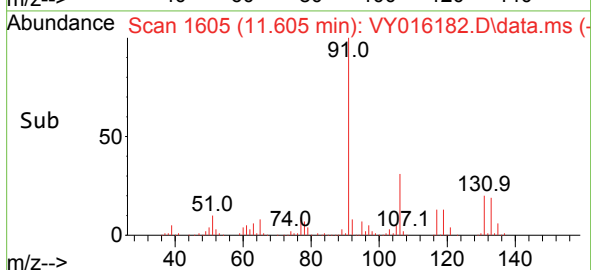
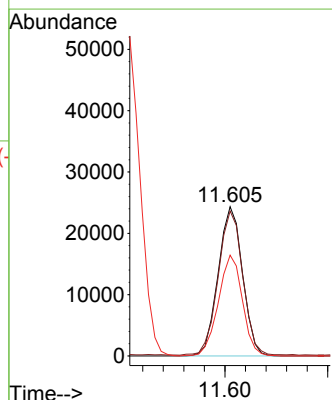
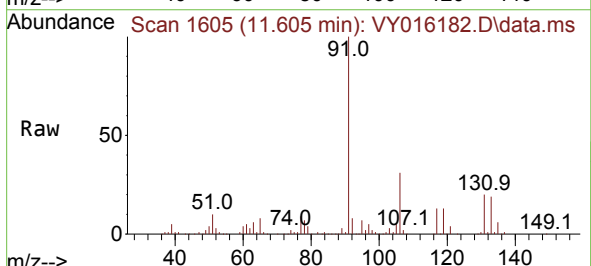
Tgt Ion:131 Resp: 39972

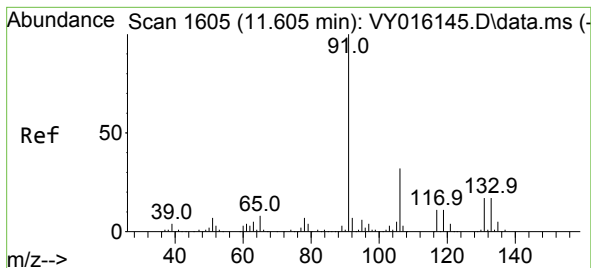
Ion Ratio Lower Upper

131 100

133 97.8 47.5 142.6

119 66.7 31.6 94.7





#67

Ethyl Benzene

Concen: 20.950 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

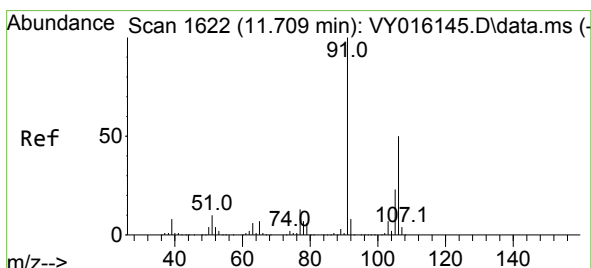
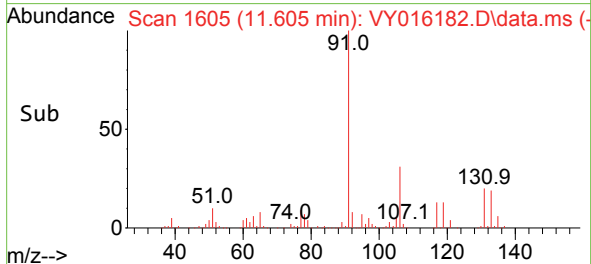
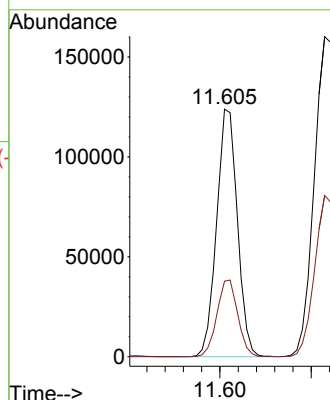
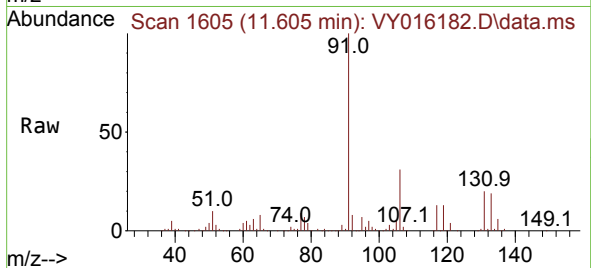
ClientSampleId :

Tgt Ion: 91 Resp: 195613

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 41.272 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016182.D

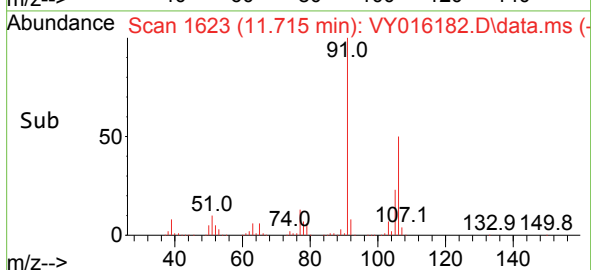
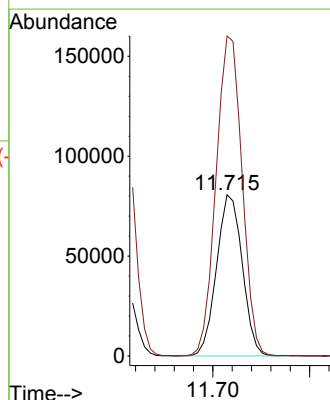
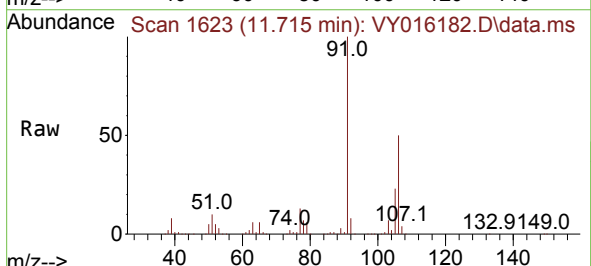
Acq: 02 Nov 2023 11:40

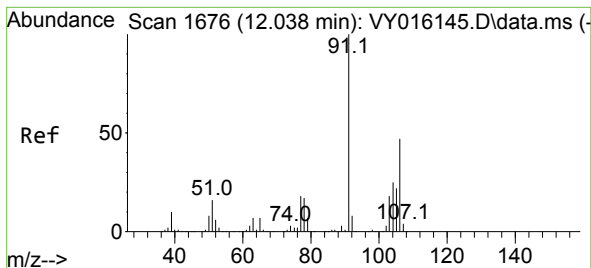
Tgt Ion:106 Resp: 148913

Ion Ratio Lower Upper

106 100

91 201.2 166.1 249.1





#69

o-Xylene

Concen: 20.489 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

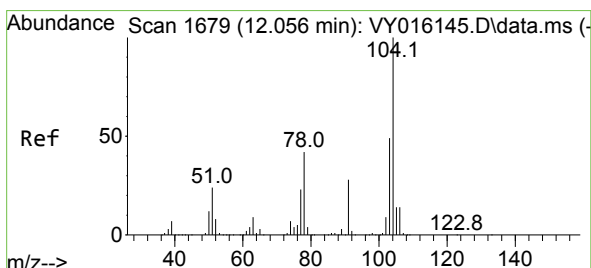
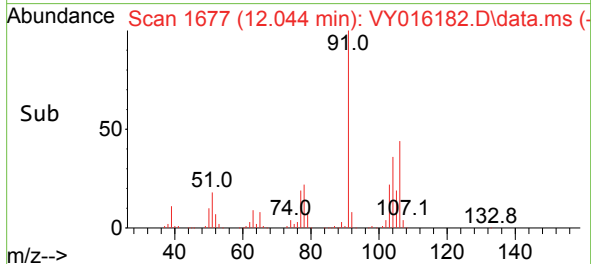
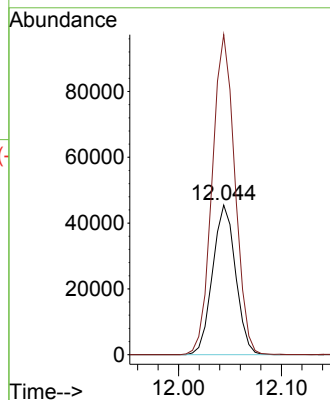
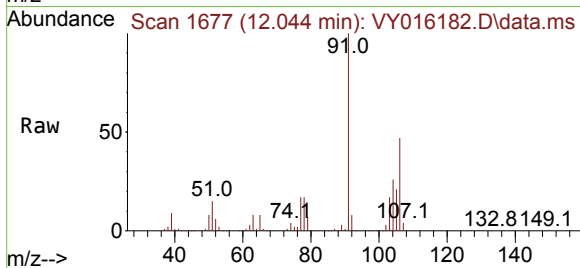
ClientSampleId :

Tgt Ion:106 Resp: 70585

Ion Ratio Lower Upper

106 100

91 211.9 108.1 324.3



#70

Styrene

Concen: 20.265 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

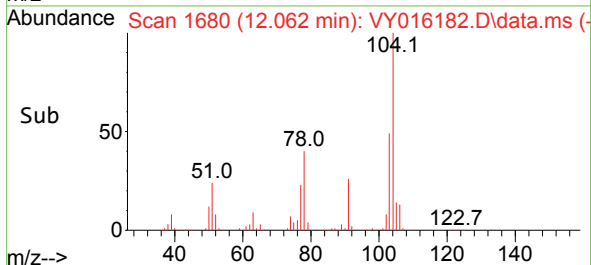
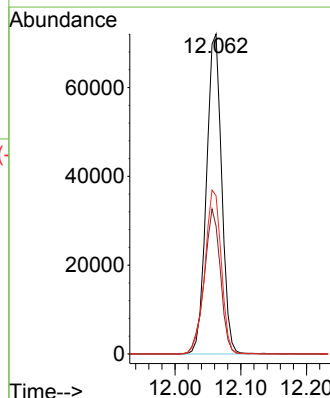
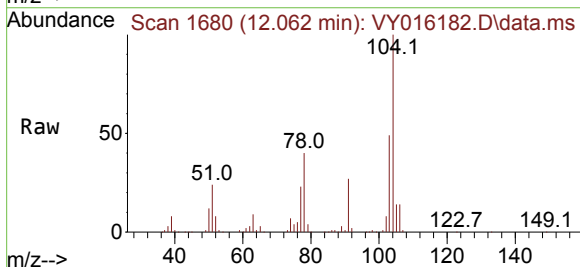
Tgt Ion:104 Resp: 116056

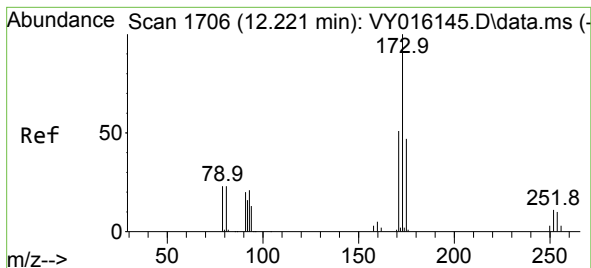
Ion Ratio Lower Upper

104 100

78 48.1 41.5 62.3

103 55.4 44.6 67.0





#71

Bromoform

Concen: 19.515 ug/l

RT: 12.221 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016182.D

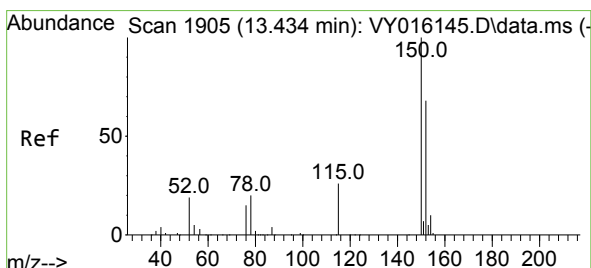
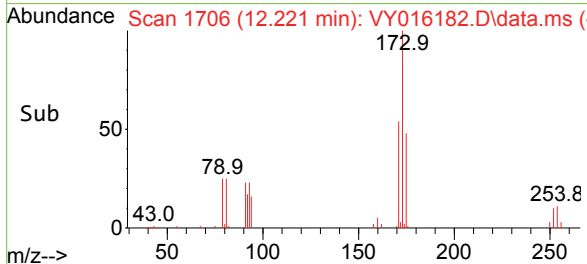
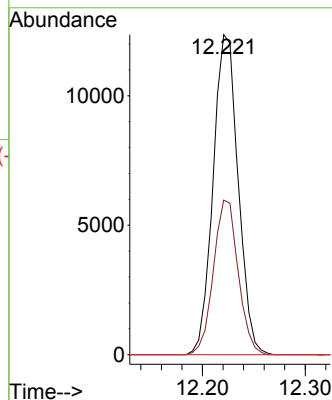
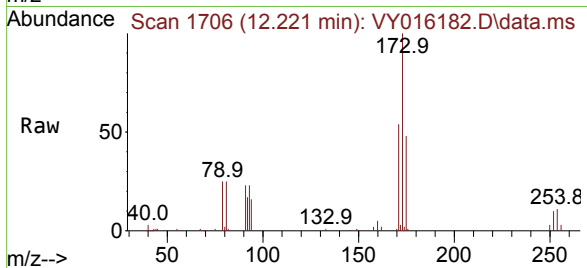
Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	20933
Ion Ratio	Lower	Upper
173	100	
175	47.7	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

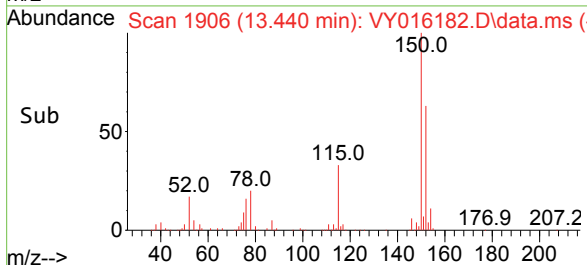
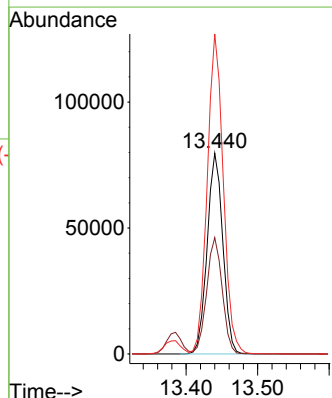
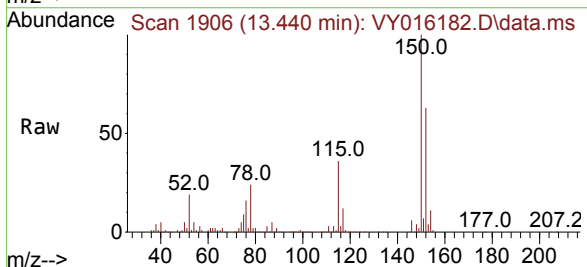
RT: 13.440 min Scan# 1906

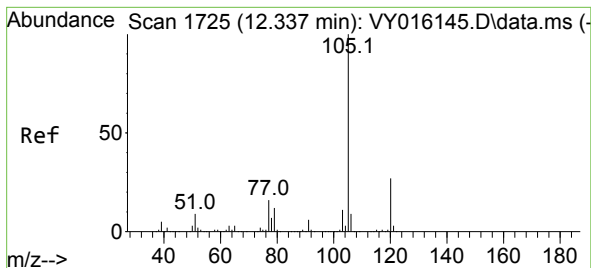
Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Tgt Ion:152	Resp:	121427
Ion Ratio	Lower	Upper
152	100	
115	57.3	28.8 86.5
150	163.2	0.0 348.8





#73

Isopropylbenzene

Concen: 21.316 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

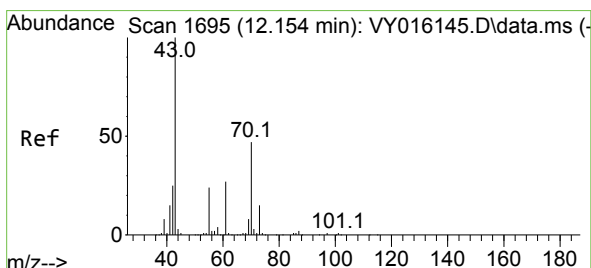
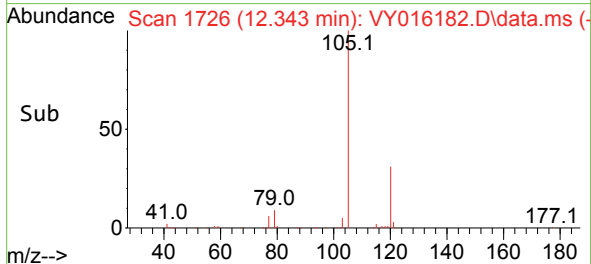
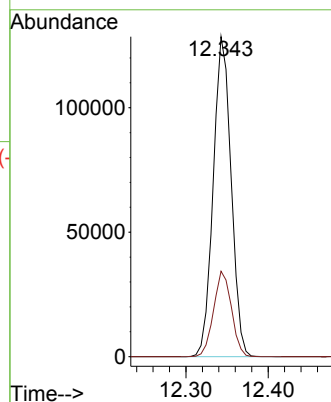
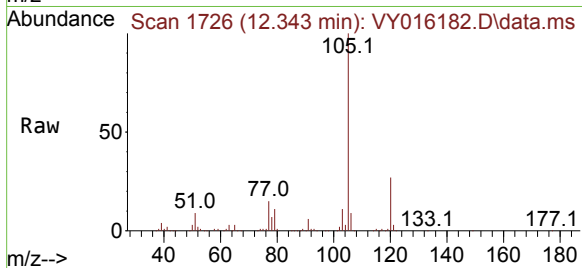
ClientSampleId :

Tgt Ion:105 Resp: 194157

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 18.841 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Tgt Ion: 43 Resp: 37292

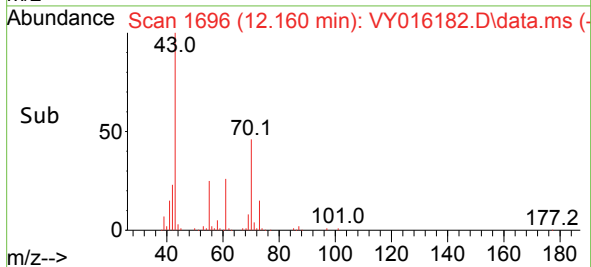
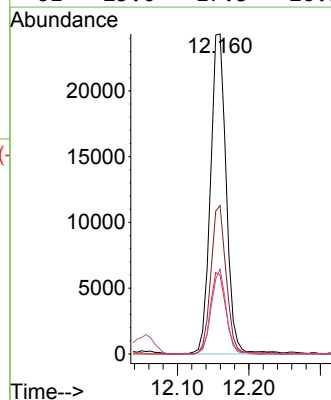
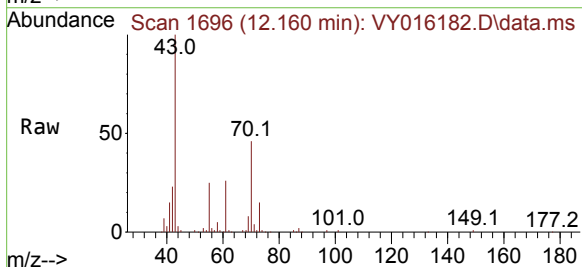
Ion Ratio Lower Upper

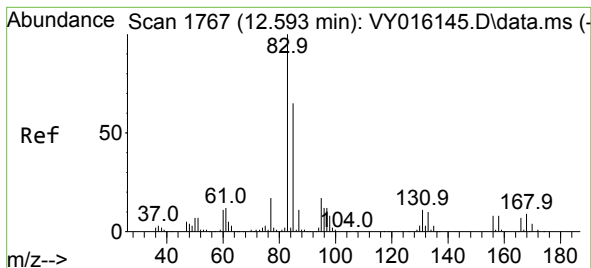
43 100

70 44.9 29.7 44.5

55 25.5 18.3 27.5

61 25.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.972 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

ClientSampleId :

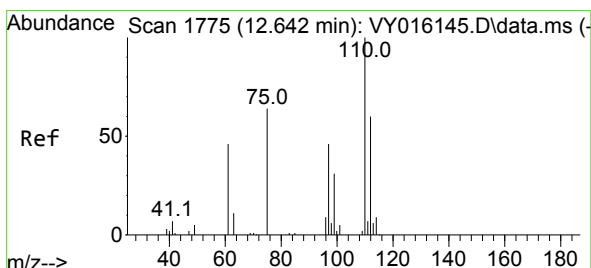
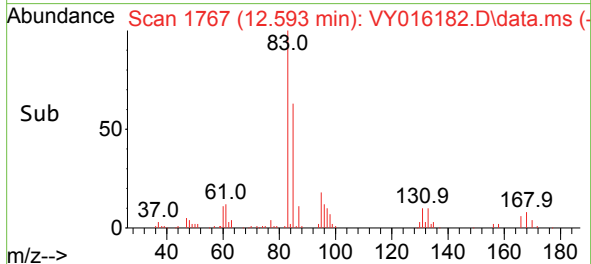
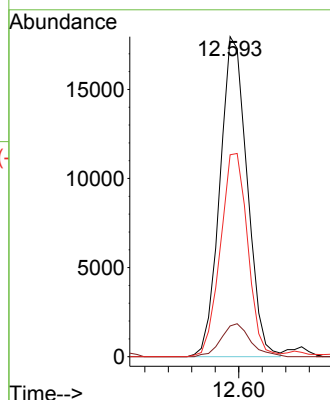
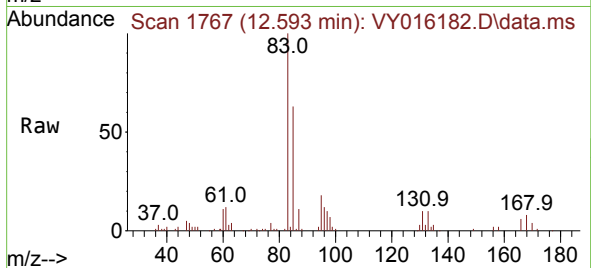
Tgt Ion: 83 Resp: 28948

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 63.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.221 ug/l

RT: 12.647 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016182.D

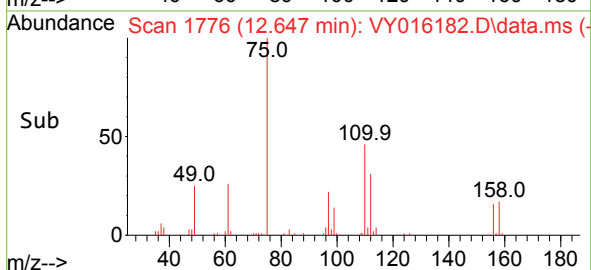
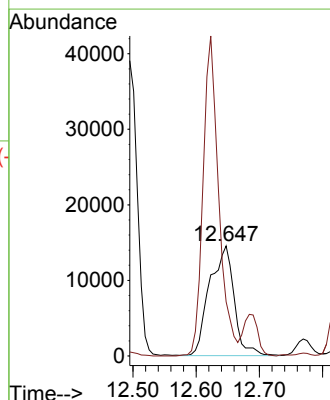
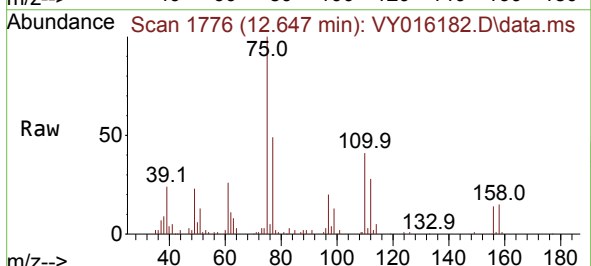
Acq: 02 Nov 2023 11:40

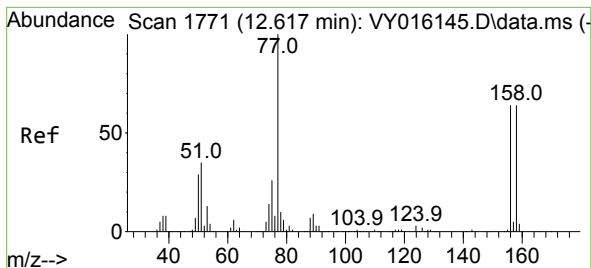
Tgt Ion: 75 Resp: 39132

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.240 ug/l

RT: 12.623 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

ClientSampleId :

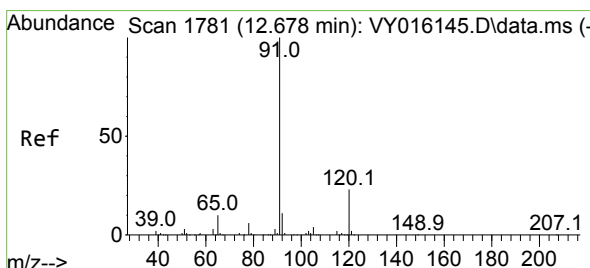
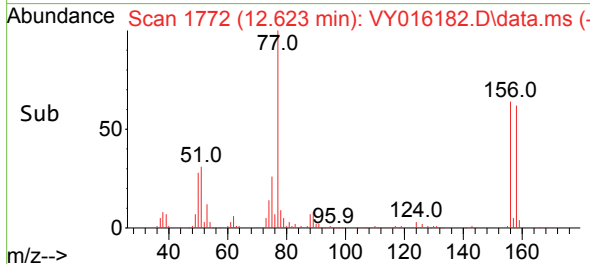
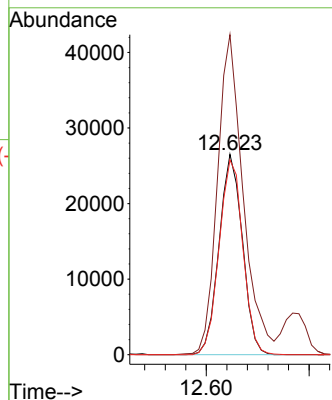
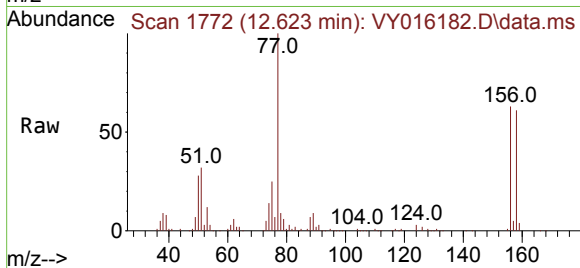
Tgt Ion:156 Resp: 41745

Ion Ratio Lower Upper

156 100

77 175.9 92.8 278.6

158 99.2 48.4 145.3



#78

n-propylbenzene

Concen: 20.983 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016182.D

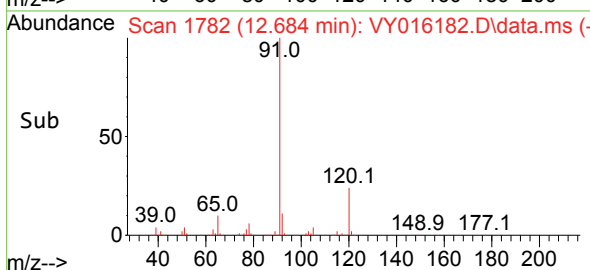
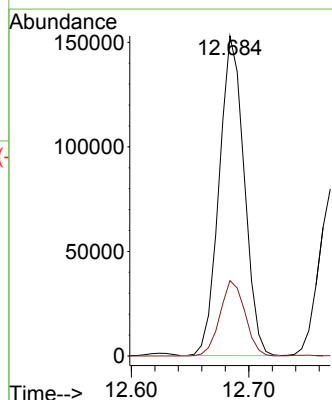
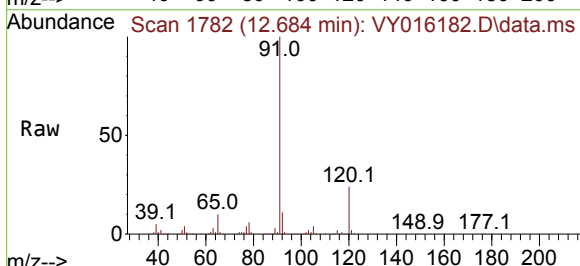
Acq: 02 Nov 2023 11:40

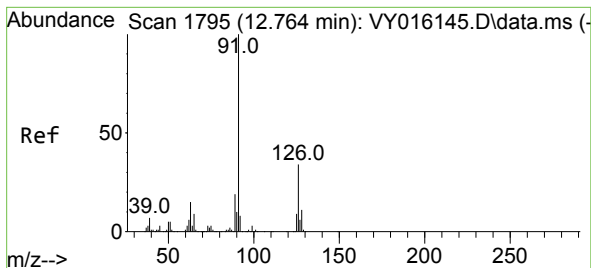
Tgt Ion: 91 Resp: 225963

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.711 ug/l

RT: 12.769 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

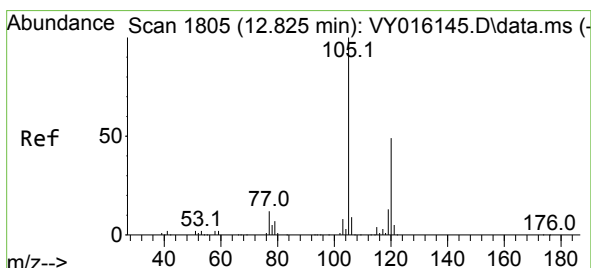
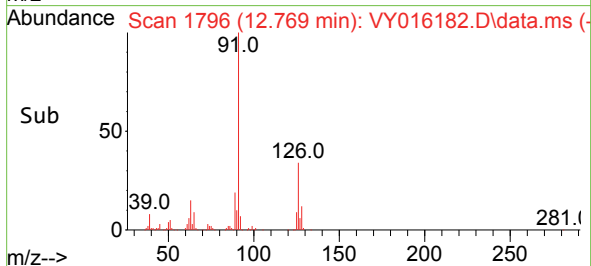
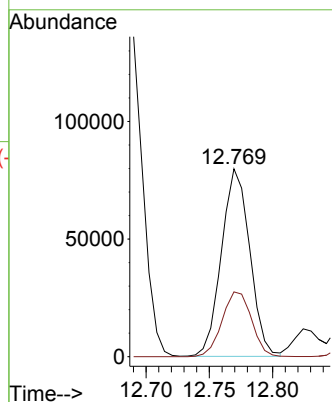
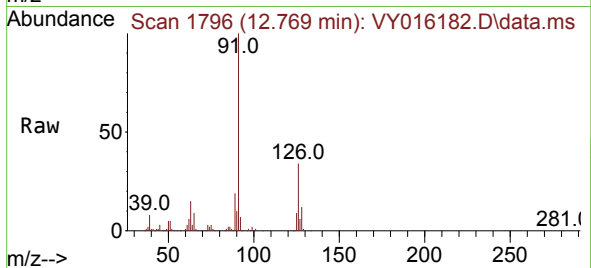
ClientSampleId :

Tgt Ion: 91 Resp: 124394

Ion Ratio Lower Upper

91 100

126 35.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 21.100 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VY016182.D

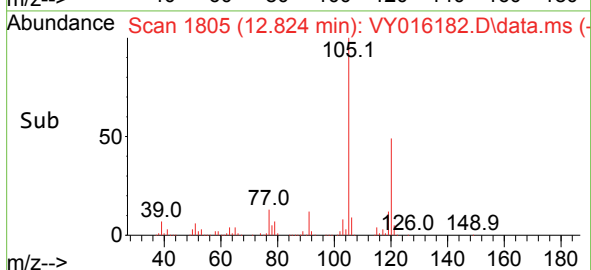
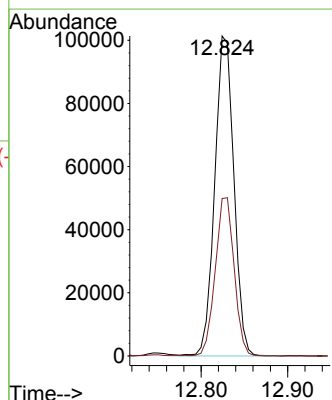
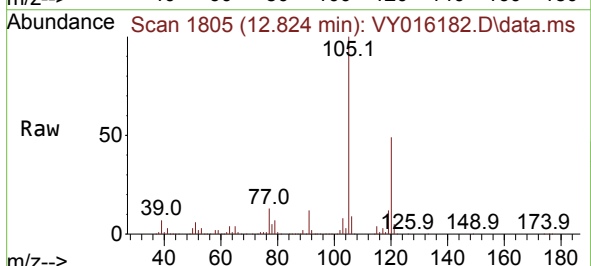
Acq: 02 Nov 2023 11:40

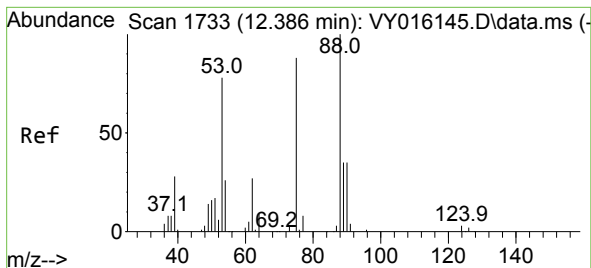
Tgt Ion: 105 Resp: 155709

Ion Ratio Lower Upper

105 100

120 48.9 23.9 71.7

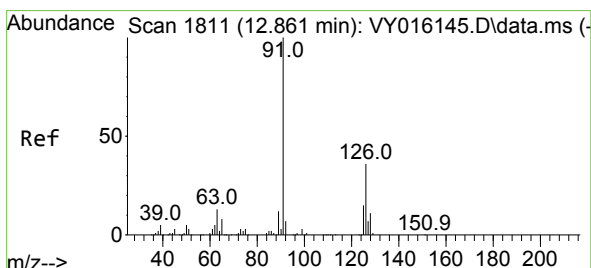
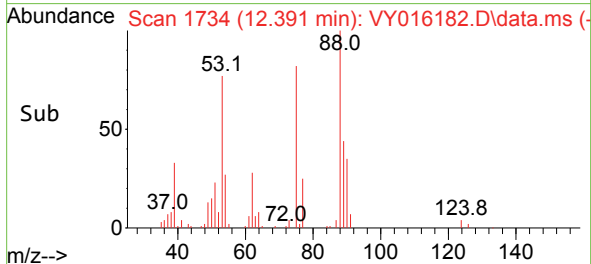
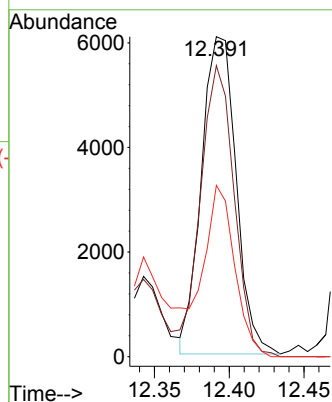
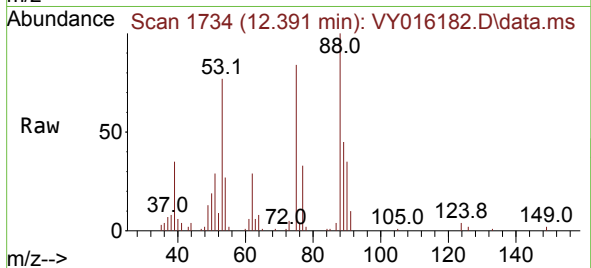




#81
trans-1,4-Dichloro-2-butene
Concen: 18.573 ug/l
RT: 12.391 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

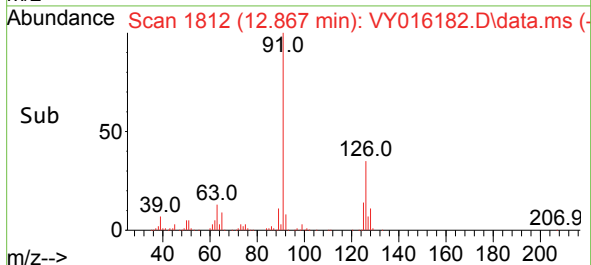
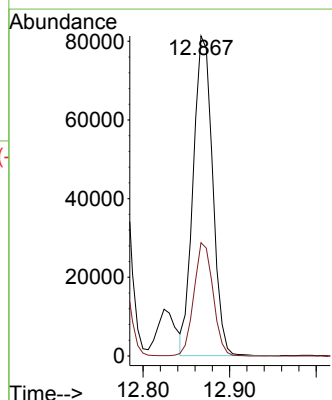
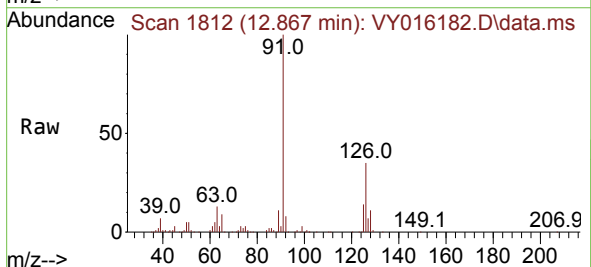
Instrument :
MSVOA_Y
ClientSampleId :

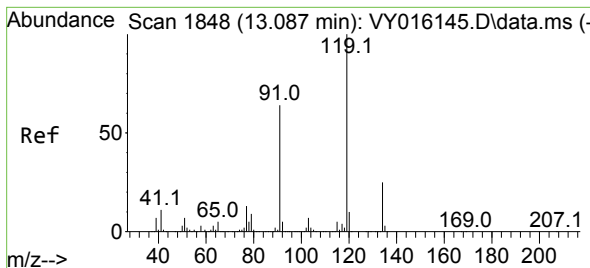
Tgt Ion: 75 Resp: 9795
Ion Ratio Lower Upper
75 100
53 89.7 77.8 116.8
89 46.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.492 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Tgt Ion: 91 Resp: 126386
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.322 ug/l

RT: 13.086 min Scan# 1848

Delta R.T. -0.000 min

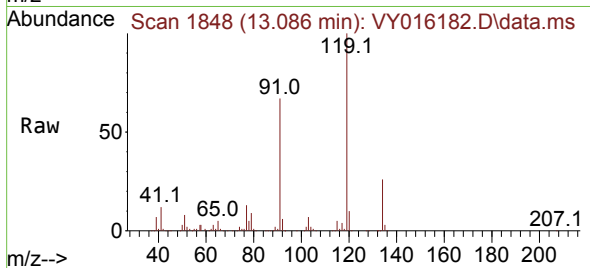
Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

ClientSampleId :



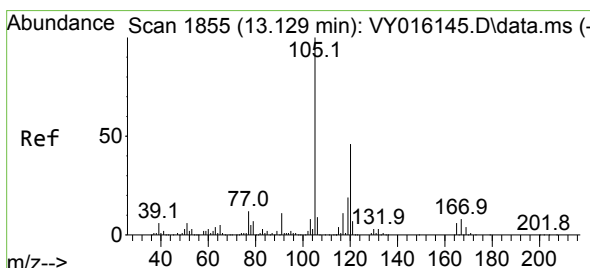
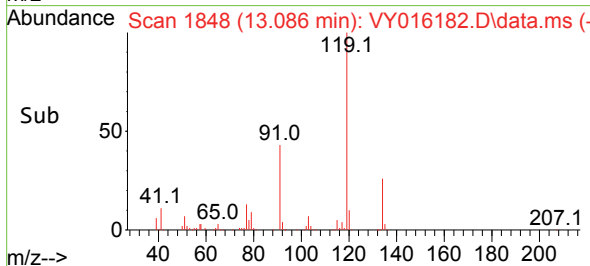
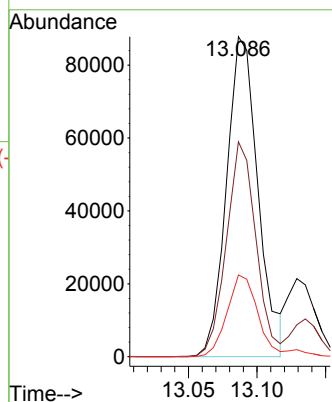
Tgt Ion:119 Resp: 140788

Ion Ratio Lower Upper

119 100

91 63.2 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.668 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016182.D

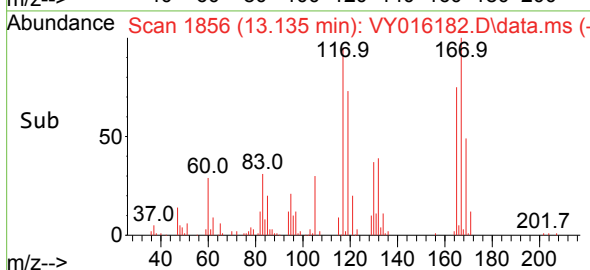
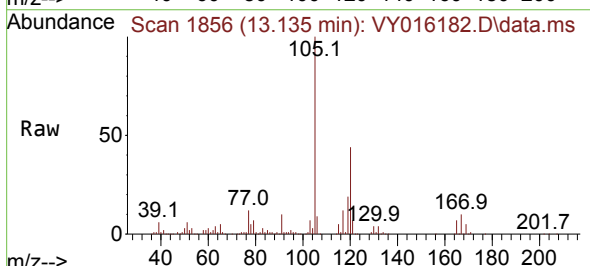
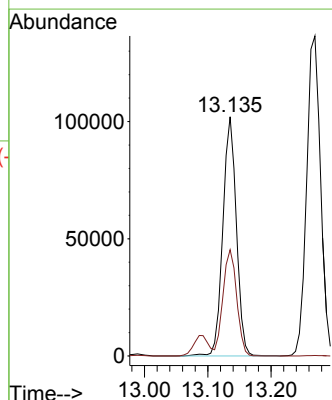
Acq: 02 Nov 2023 11:40

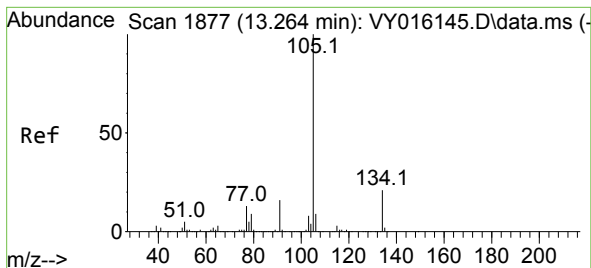
Tgt Ion:105 Resp: 150919

Ion Ratio Lower Upper

105 100

120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.403 ug/l

RT: 13.269 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

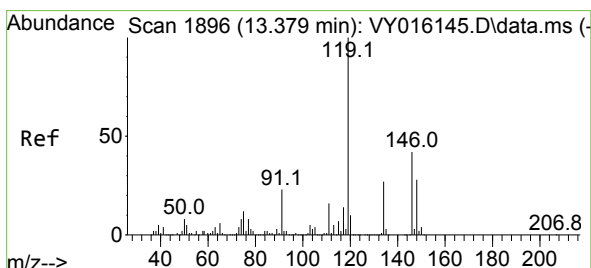
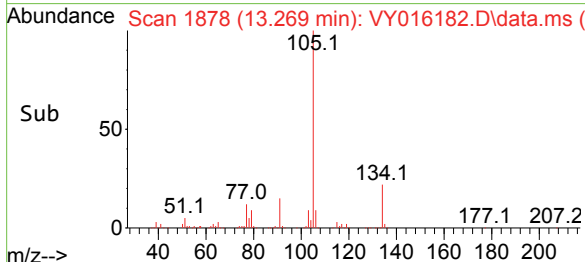
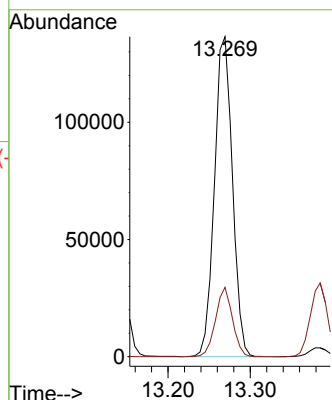
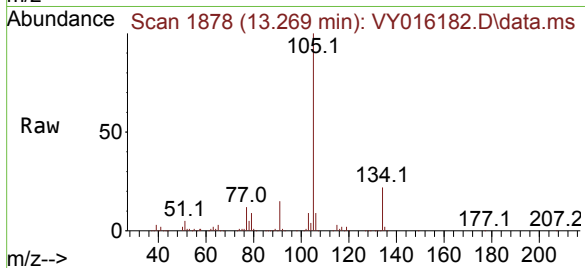
ClientSampleId :

Tgt Ion:105 Resp: 207418

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.082 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

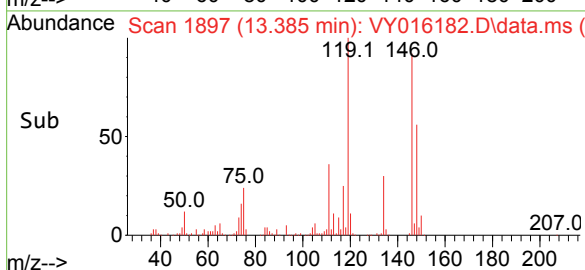
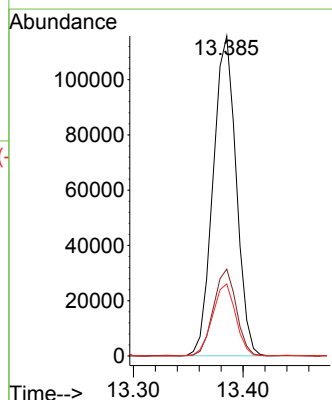
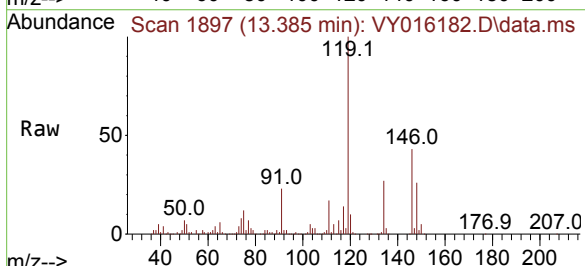
Tgt Ion:119 Resp: 169332

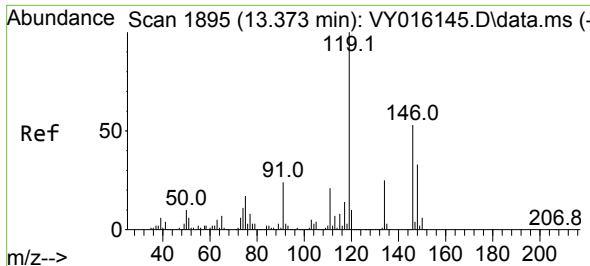
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.8 12.4 37.4

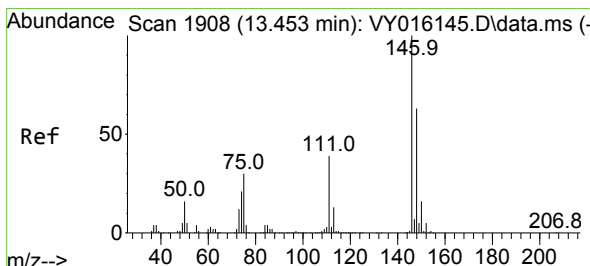
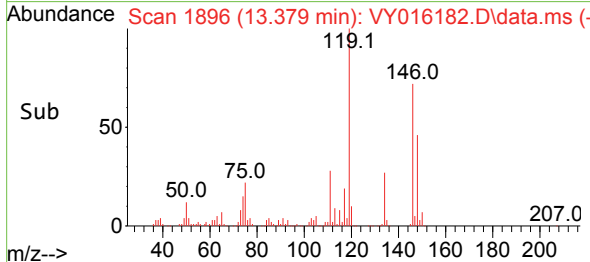
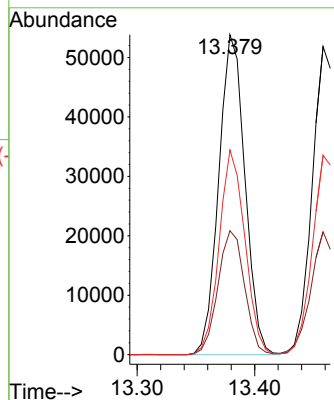
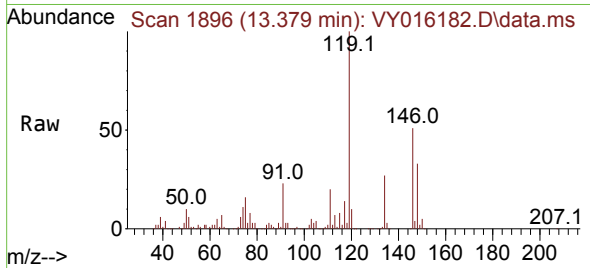




#87
1,3-Dichlorobenzene
Concen: 20.473 ug/l
RT: 13.379 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

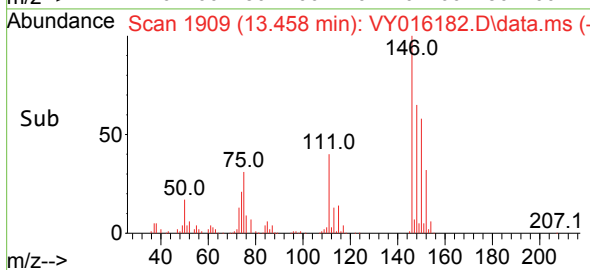
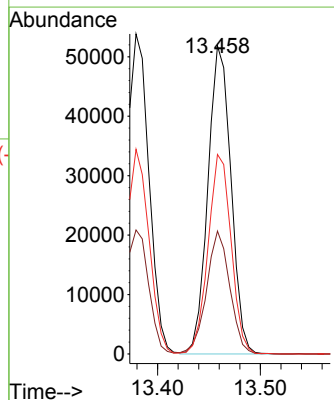
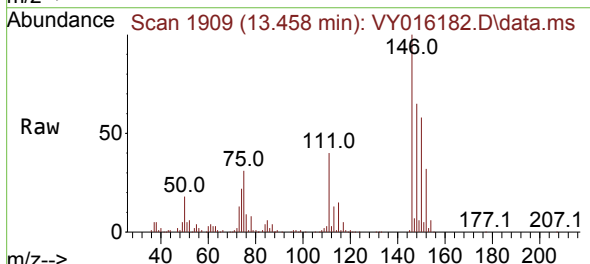
Instrument :
MSVOA_Y
ClientSampleId :

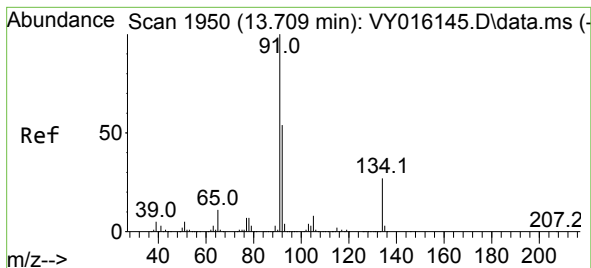
Tgt Ion:146 Resp: 83510
Ion Ratio Lower Upper
146 100
111 39.3 19.4 58.2
148 63.0 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.036 ug/l
RT: 13.458 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Tgt Ion:146 Resp: 80777
Ion Ratio Lower Upper
146 100
111 40.3 18.9 56.7
148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 20.893 ug/l

RT: 13.708 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

ClientSampleId :

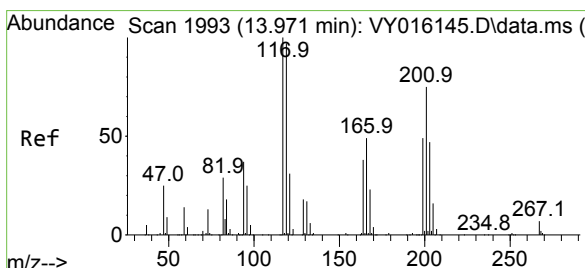
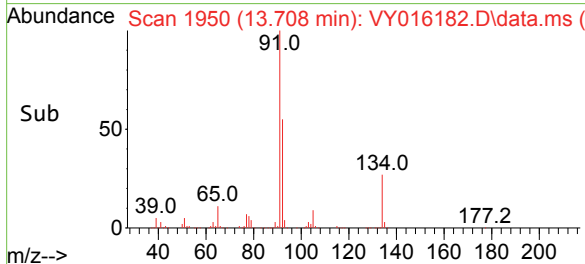
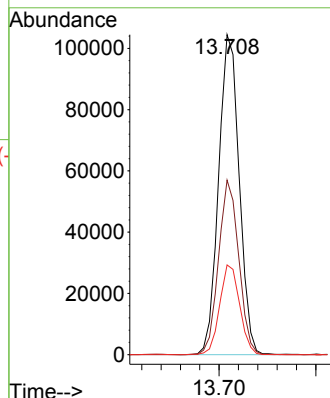
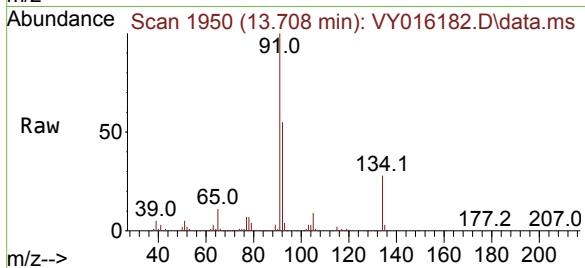
Tgt Ion: 91 Resp: 154192

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 27.3 12.6 37.6



#90

Hexachloroethane

Concen: 21.980 ug/l

RT: 13.976 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016182.D

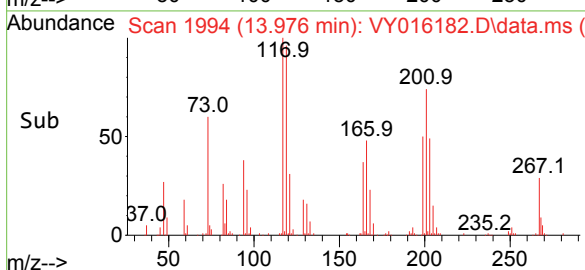
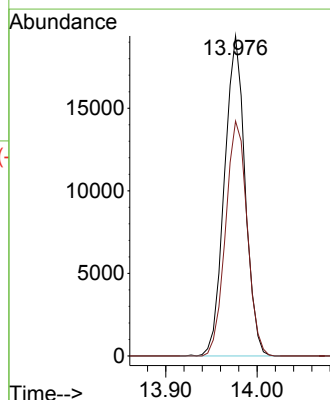
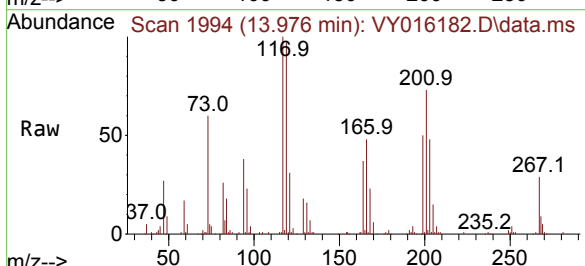
Acq: 02 Nov 2023 11:40

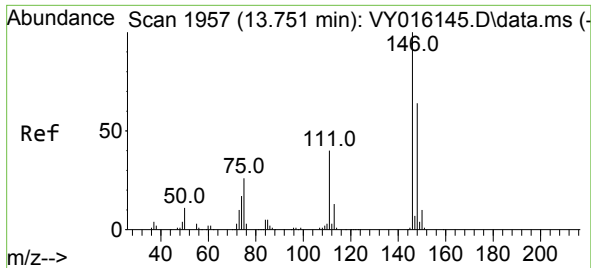
Tgt Ion: 117 Resp: 30423

Ion Ratio Lower Upper

117 100

201 76.7 41.6 124.8

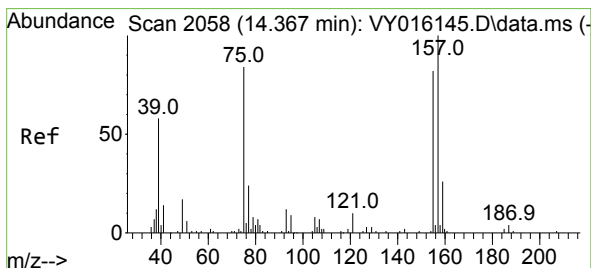
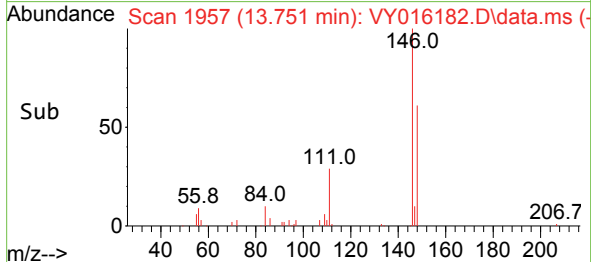
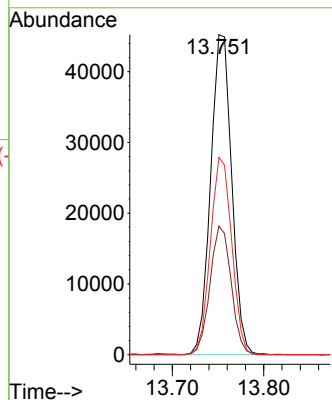
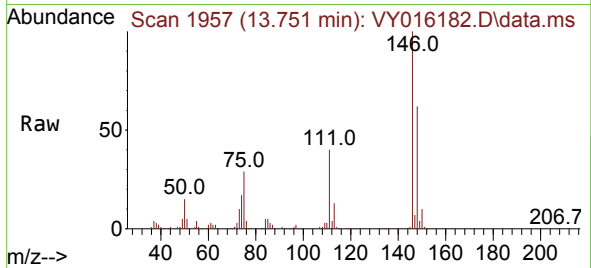




#91
1,2-Dichlorobenzene
Concen: 20.573 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

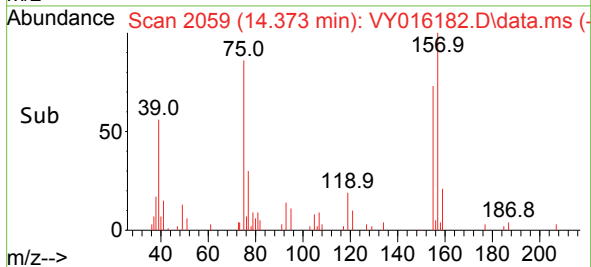
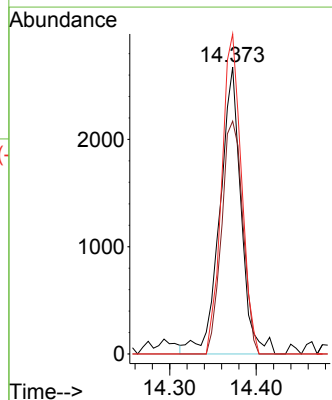
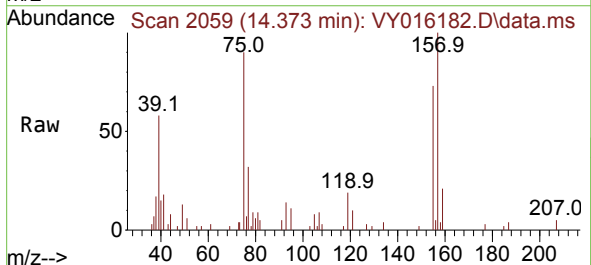
Instrument :
MSVOA_Y
ClientSampleId :

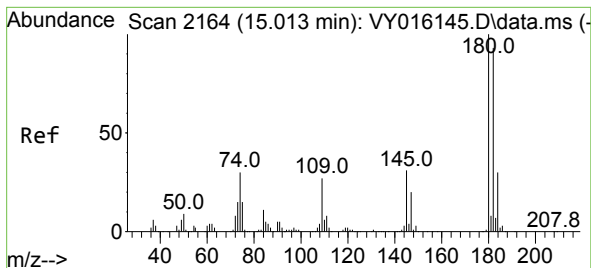
Tgt Ion:146 Resp: 72506
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.0
148 62.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.580 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016182.D
Acq: 02 Nov 2023 11:40

Tgt Ion: 75 Resp: 4560
Ion Ratio Lower Upper
75 100
155 80.8 41.5 124.6
157 103.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.034 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

ClientSampleId :

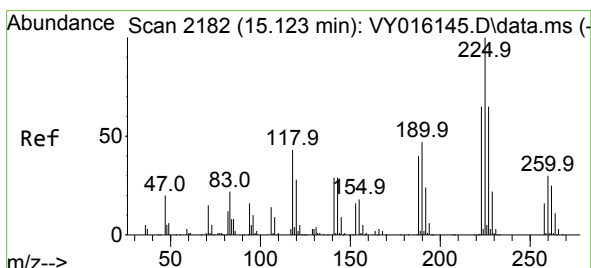
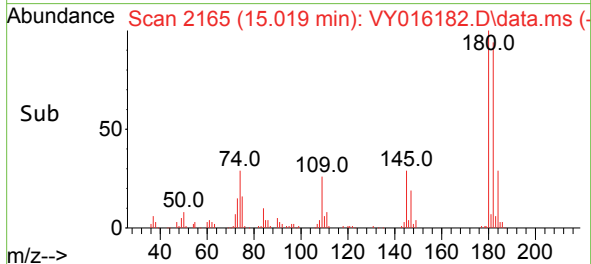
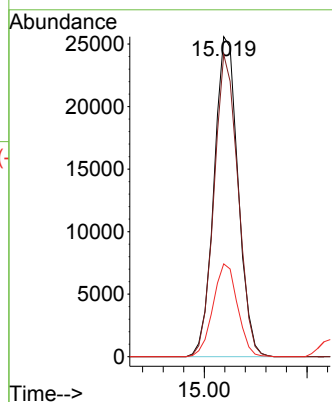
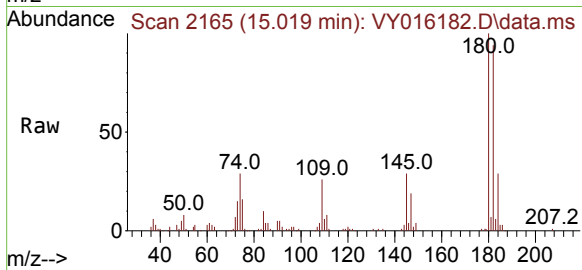
Tgt Ion:180 Resp: 41404

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.965 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

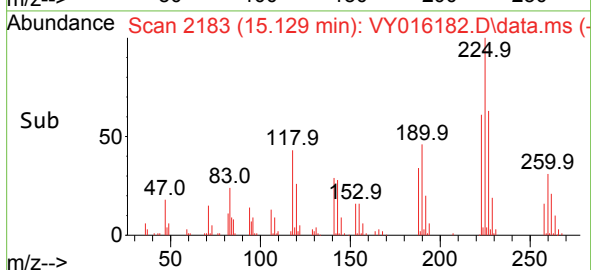
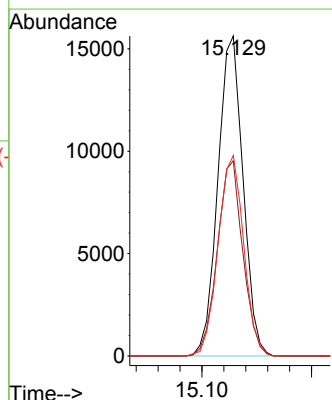
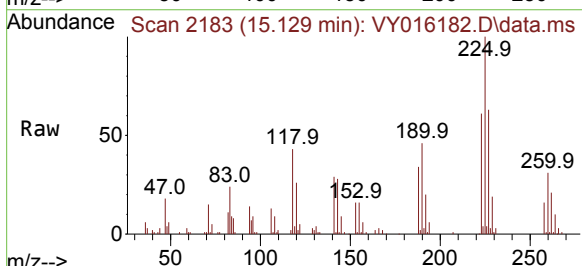
Tgt Ion:225 Resp: 24920

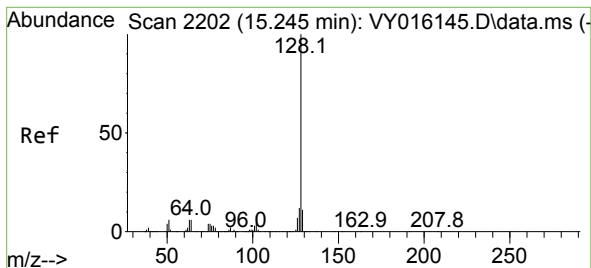
Ion Ratio Lower Upper

225 100

223 61.7 31.9 95.9

227 63.7 33.0 98.9





#95

Naphthalene

Concen: 16.668 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016182.D

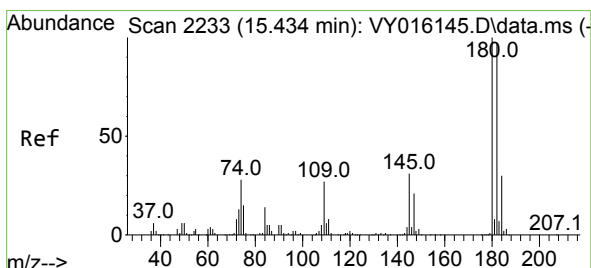
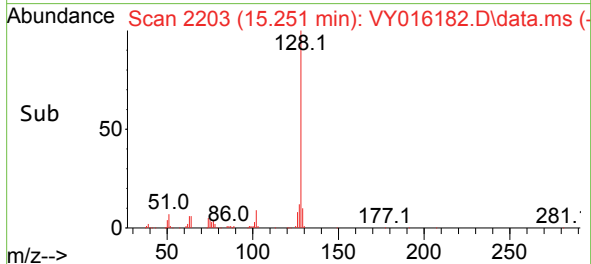
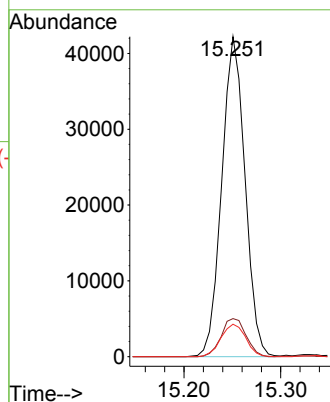
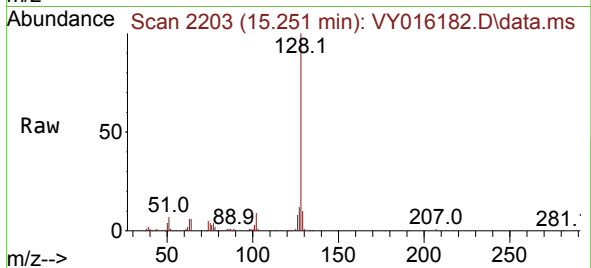
Acq: 02 Nov 2023 11:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	70436
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.8 16.2
129	10.8	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.077 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016182.D

Acq: 02 Nov 2023 11:40

Tgt Ion:180	Resp:	33590
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.3 141.8
145	32.1	15.4 46.2

