

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016180.D
 Acq On : 02 Nov 2023 09:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 01:35:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	193147	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	309349	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	263075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	121090	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	86481	47.850	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.700%
35) Dibromofluoromethane	7.740	113	82948	44.977	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.960%
50) Toluene-d8	10.197	98	348192	47.619	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.502	95	115589	46.229	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	64249	52.147	ug/l	95
3) Chloromethane	2.125	50	88207	51.709	ug/l	98
4) Vinyl Chloride	2.266	62	96777	54.968	ug/l	97
5) Bromomethane	2.668	94	63211	53.200	ug/l	100
6) Chloroethane	2.814	64	67365	54.348	ug/l	97
7) Trichlorofluoromethane	3.150	101	150852	56.754	ug/l	100
8) Diethyl Ether	3.552	74	46471	52.751	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.924	101	87737	52.397	ug/l	96
10) Methyl Iodide	4.119	142	98854	53.090	ug/l	97
11) Tert butyl alcohol	4.991	59	34104	252.556	ug/l #	95
12) 1,1-Dichloroethene	3.899	96	80163	52.451	ug/l	92
13) Acrolein	3.753	56	30486	245.552	ug/l	100
14) Allyl chloride	4.503	41	121021	55.360	ug/l #	95
15) Acrylonitrile	5.192	53	96928	257.485	ug/l	97
16) Acetone	3.973	43	74136	257.541	ug/l	93
17) Carbon Disulfide	4.229	76	197053	51.643	ug/l	98
18) Methyl Acetate	4.503	43	74823	51.479	ug/l #	89
19) Methyl tert-butyl Ether	5.247	73	231123	53.165	ug/l	99
20) Methylene Chloride	4.747	84	92090	50.103	ug/l	90
21) trans-1,2-Dichloroethene	5.253	96	91656	51.485	ug/l	95
22) Diisopropyl ether	6.143	45	272649	51.565	ug/l	90
23) Vinyl Acetate	6.088	43	662982	255.379	ug/l #	92
24) 1,1-Dichloroethane	6.051	63	163724	51.737	ug/l	96
25) 2-Butanone	7.009	43	122316	245.306	ug/l	91
26) 2,2-Dichloropropane	7.009	77	162275	54.246	ug/l	97
27) cis-1,2-Dichloroethene	7.015	96	110832	52.902	ug/l	92
28) Bromochloromethane	7.362	49	56198	47.457	ug/l	84
29) Tetrahydrofuran	7.368	42	77414	247.671	ug/l	88
30) Chloroform	7.533	83	176809	51.319	ug/l	96
31) Cyclohexane	7.807	56	133811	48.163	ug/l	90
32) 1,1,1-Trichloroethane	7.728	97	167375	52.973	ug/l	98
36) 1,1-Dichloropropene	7.941	75	132037	49.581	ug/l	99
37) Ethyl Acetate	7.100	43	58816	49.586	ug/l #	95
38) Carbon Tetrachloride	7.923	117	145832	55.274	ug/l	98
39) Methylcyclohexane	9.203	83	164017	51.597	ug/l	92
40) Benzene	8.185	78	374137	48.936	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	25150	36.529	ug/l #	86
42) 1,2-Dichloroethane	8.258	62	111850	52.424	ug/l	95
43) Isopropyl Acetate	8.289	43	116197	49.525	ug/l #	92
44) Trichloroethene	8.959	130	112744	50.392	ug/l	97
45) 1,2-Dichloropropane	9.234	63	94005	51.112	ug/l	98
46) Dibromomethane	9.325	93	52333	50.160	ug/l	99
47) Bromodichloromethane	9.514	83	137382	51.826	ug/l	99
48) Methyl methacrylate	9.313	41	54745	51.313	ug/l	90
49) 1,4-Dioxane	9.319	88	11090	879.500	ug/l #	61
51) 4-Methyl-2-Pentanone	10.087	43	296889	253.601	ug/l	91
52) Toluene	10.264	92	257377	51.951	ug/l	94
53) t-1,3-Dichloropropene	10.484	75	135915	51.361	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	157878	50.844	ug/l	93
55) 1,1,2-Trichloroethane	10.660	97	73907	50.359	ug/l	97
56) Ethyl methacrylate	10.526	69	97842	51.335	ug/l	88
57) 1,3-Dichloropropane	10.807	76	124465	49.818	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	224062	242.436	ug/l	92
59) 2-Hexanone	10.849	43	209294	260.890	ug/l	91
60) Dibromochloromethane	11.002	129	93785	50.937	ug/l	100
61) 1,2-Dibromoethane	11.105	107	69657	49.900	ug/l	100
64) Tetrachloroethene	10.740	164	109108	46.627	ug/l	98
65) Chlorobenzene	11.538	112	264733	50.650	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	101559	52.461	ug/l	99
67) Ethyl Benzene	11.611	91	484025	51.776	ug/l	99
68) m/p-Xylenes	11.721	106	374675	103.718	ug/l	94
69) o-Xylene	12.044	106	178167	51.656	ug/l	96
70) Styrene	12.063	104	292674	51.044	ug/l	97
71) Bromoform	12.227	173	56174	52.305	ug/l #	100
73) Isopropylbenzene	12.349	105	475783	52.380	ug/l	99
74) N-amyl acetate	12.160	43	101591	51.468	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.599	83	76255	52.758	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	103462	90.731	ug/l #	100
77) Bromobenzene	12.630	156	107432	52.234	ug/l	95
78) n-propylbenzene	12.691	91	560975	52.238	ug/l	99
79) 2-Chlorotoluene	12.776	91	309747	51.715	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	380726	51.736	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.398	75	28209	53.637	ug/l	91
82) 4-Chlorotoluene	12.873	91	320012	52.031	ug/l	99
83) tert-Butylbenzene	13.093	119	341689	51.893	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	376934	51.764	ug/l	98
85) sec-Butylbenzene	13.270	105	507132	52.475	ug/l	99
86) p-Isopropyltoluene	13.386	119	417231	52.091	ug/l	98
87) 1,3-Dichlorobenzene	13.386	146	207278	50.957	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	202975	50.487	ug/l	99
89) n-Butylbenzene	13.715	91	382065	51.914	ug/l	96
90) Hexachloroethane	13.977	117	76972	55.765	ug/l	94
91) 1,2-Dichlorobenzene	13.757	146	181273	51.578	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	12294	47.527	ug/l	91
93) 1,2,4-Trichlorobenzene	15.025	180	110029	50.723	ug/l	99
94) Hexachlorobutadiene	15.129	225	63594	53.649	ug/l	97
95) Naphthalene	15.251	128	203785	48.358	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	90402	48.786	ug/l	98

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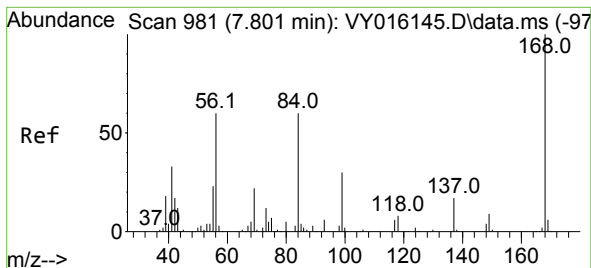
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.813 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY016180.D

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Instrument :

MSVOA_Y

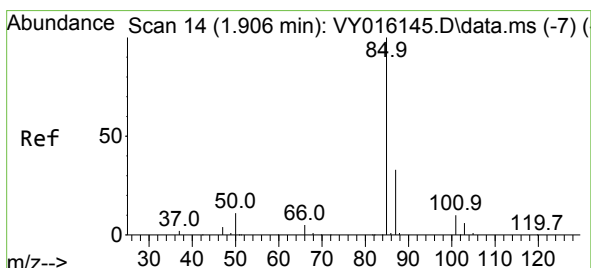
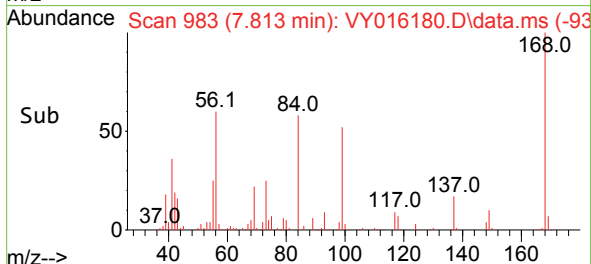
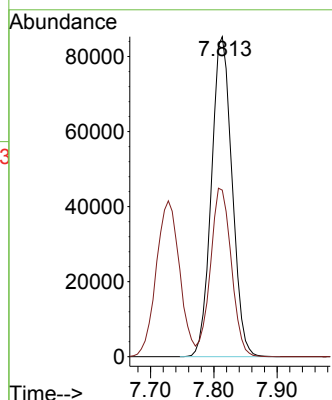
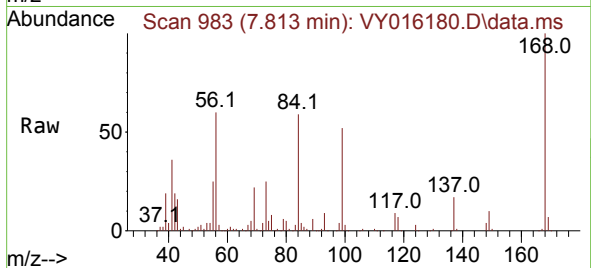
ClientSampleId :

Tgt Ion:168 Resp: 193147

Ion Ratio Lower Upper

168 100

99 52.1 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 52.147 ug/l

RT: 1.918 min Scan# 16

Delta R.T. 0.012 min

Lab File: VY016180.D

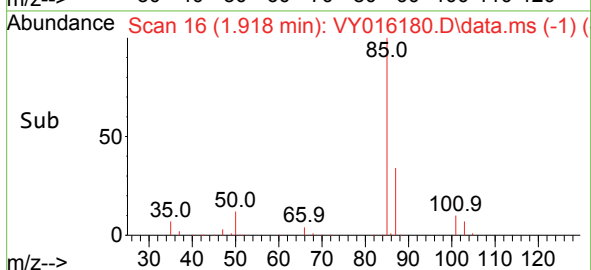
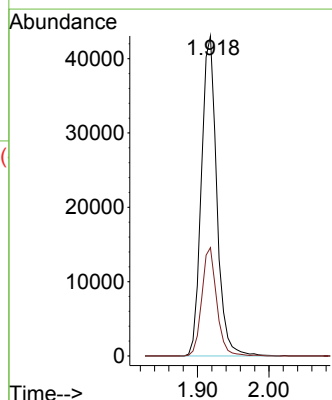
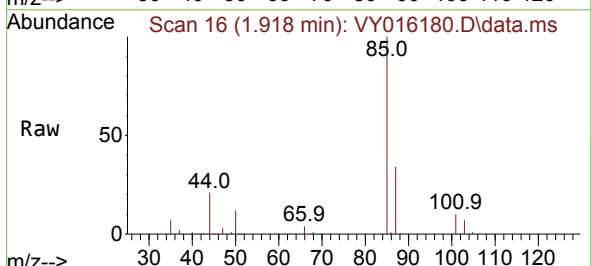
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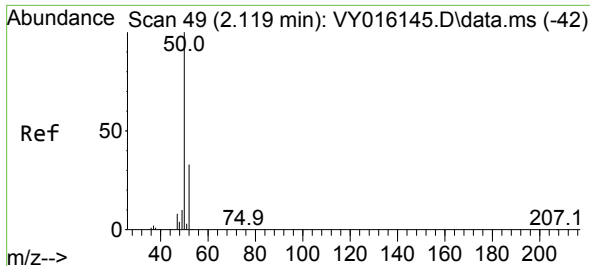
Tgt Ion: 85 Resp: 64249

Ion Ratio Lower Upper

85 100

87 33.8 15.6 46.8

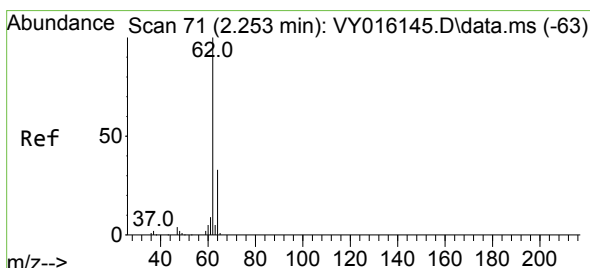
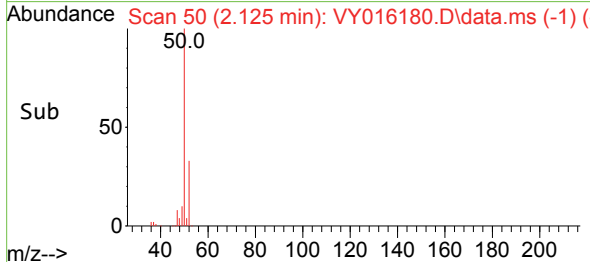
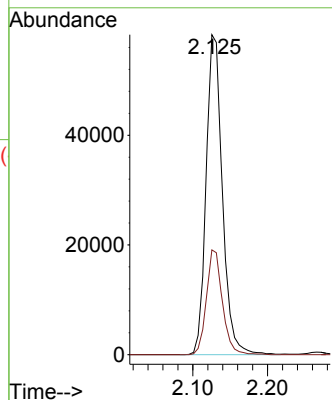
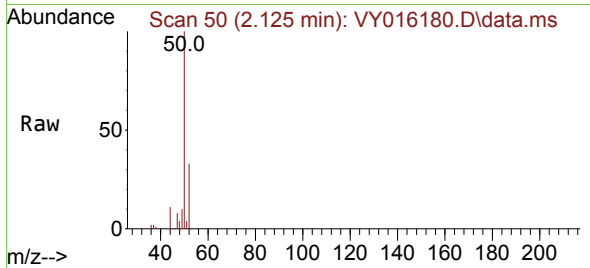




#3
Chloromethane
Concen: 51.709 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016180.D
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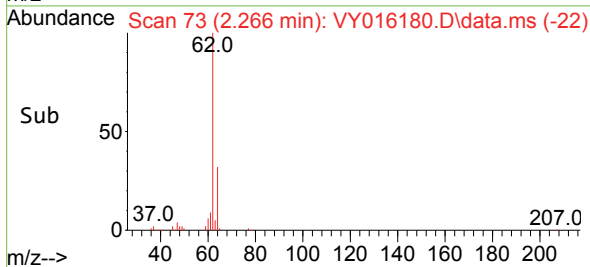
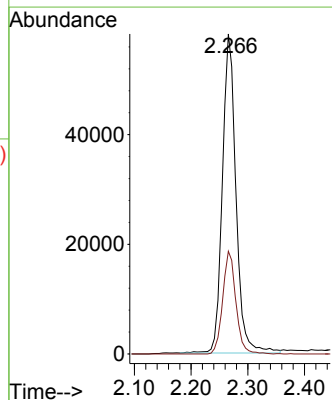
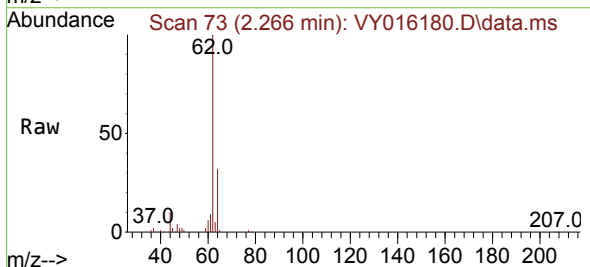
Instrument :
MSVOA_Y
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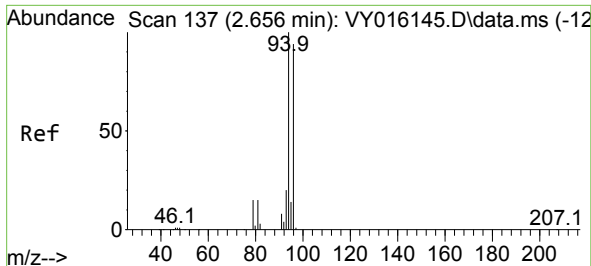
Tgt Ion: 50 Resp: 88207
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 54.968 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

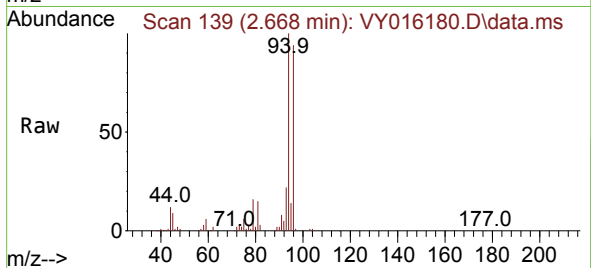
Tgt Ion: 62 Resp: 96777
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5



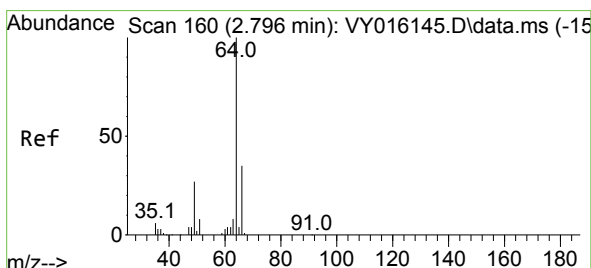
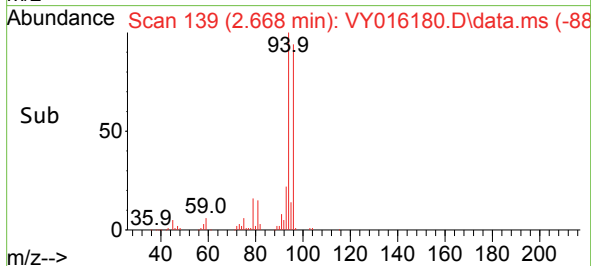
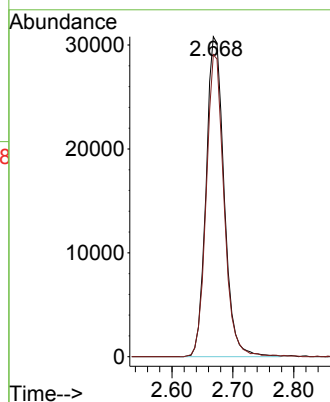


#5
Bromomethane
Concen: 53.200 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Instrument :
MSVOA_Y
ClientSampleId :

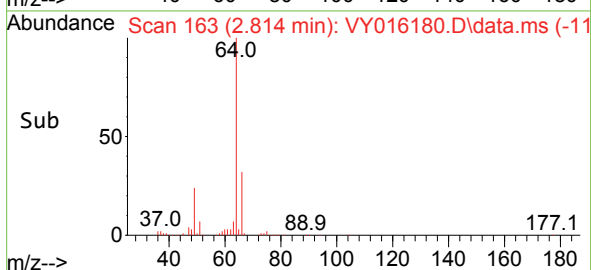
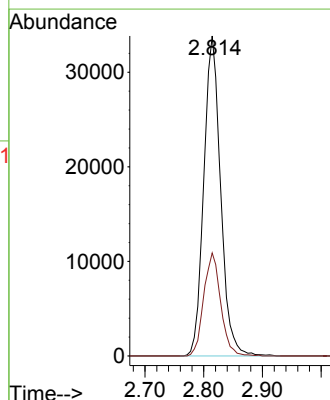
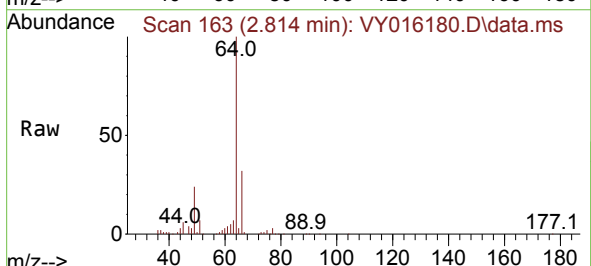


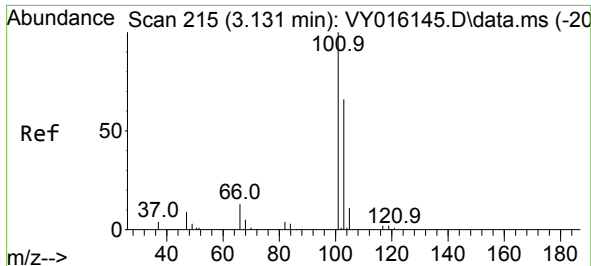
Tgt Ion: 94 Resp: 63211
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.6



#6
Chloroethane
Concen: 54.348 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.018 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Tgt Ion: 64 Resp: 67365
Ion Ratio Lower Upper
64 100
66 32.2 24.4 36.6

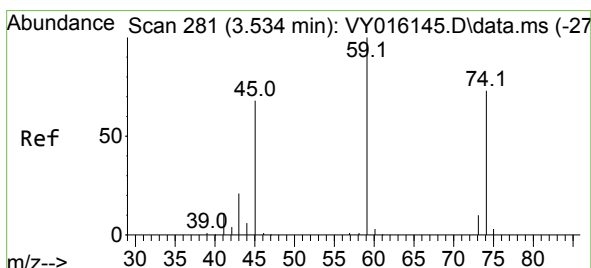
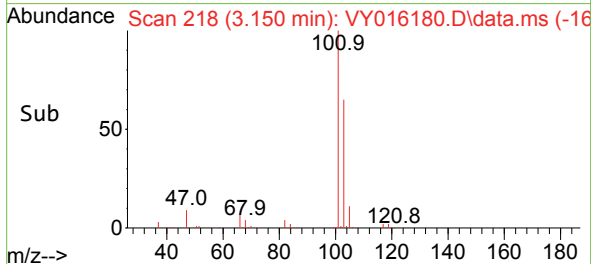
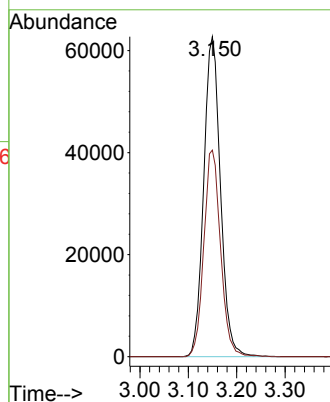
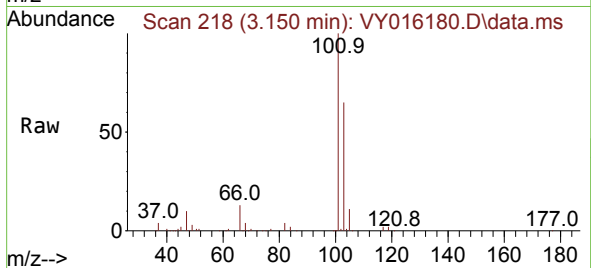




#7
 Trichlorofluoromethane
 Concen: 56.754 ug/l
 RT: 3.150 min Scan# 215
 Delta R.T. 0.018 min
 Lab File: VY016180.D
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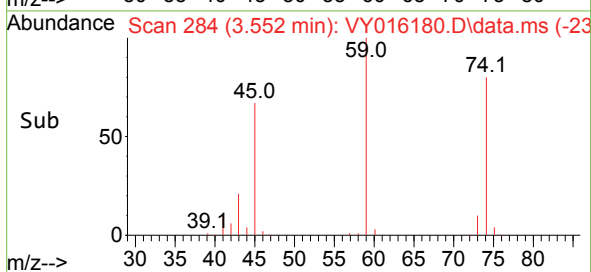
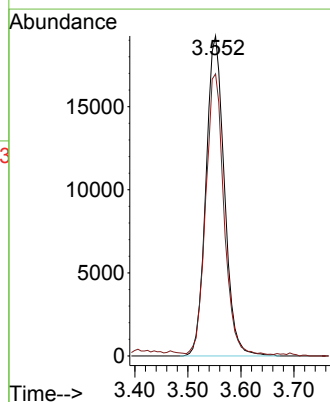
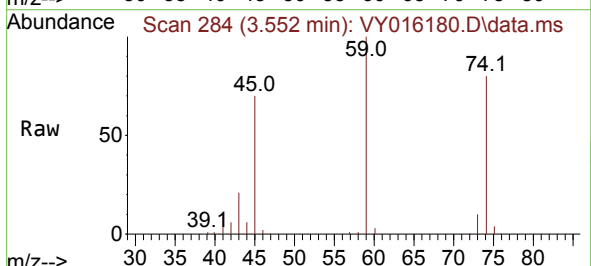
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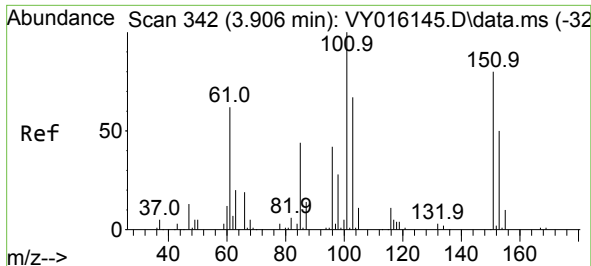
Tgt Ion:101 Resp: 150852
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 52.751 ug/l
 RT: 3.552 min Scan# 284
 Delta R.T. 0.018 min
 Lab File: VY016180.D
 Acq: 02 Nov 2023 09:57

Tgt Ion: 74 Resp: 46471
 Ion Ratio Lower Upper
 74 100
 45 86.6 51.5 154.5

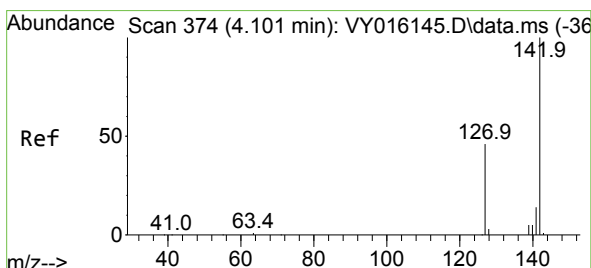
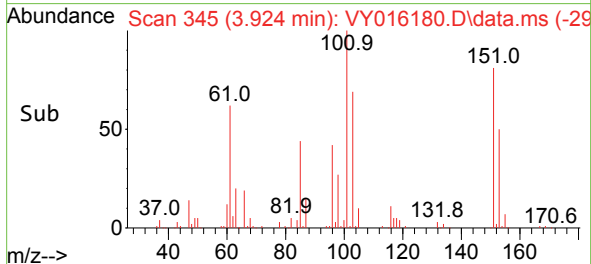
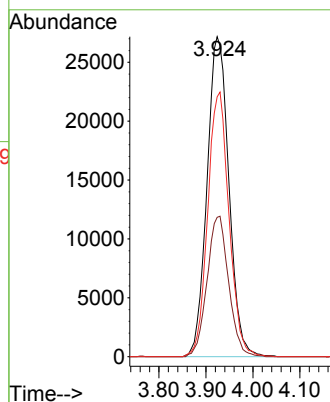
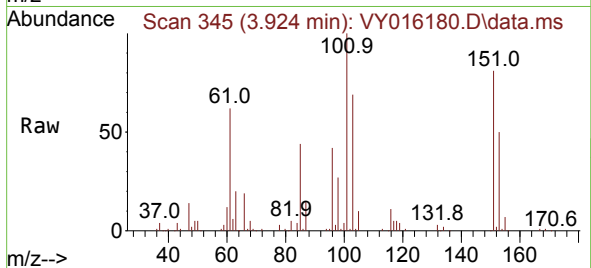




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.397 ug/l
RT: 3.924 min Scan# 342
Delta R.T. 0.018 min
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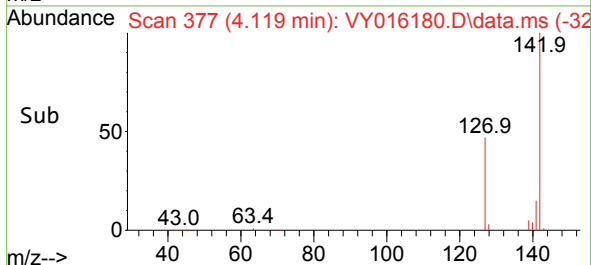
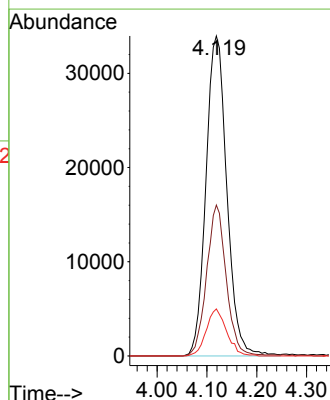
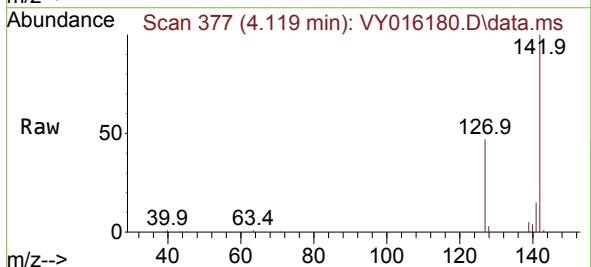
Instrument :
MSVOA_Y
ClientSampleId :

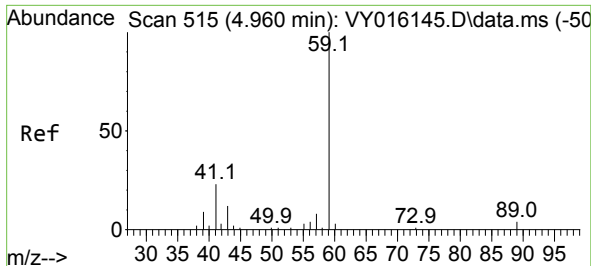
Tgt Ion:101 Resp: 87737
Ion Ratio Lower Upper
101 100
85 43.3 36.6 55.0
151 80.6 67.0 100.6



#10
Methyl Iodide
Concen: 53.090 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Tgt Ion:142 Resp: 98854
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 252.556 ug/l

RT: 4.991 min Scan# 51

Delta R.T. 0.030 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

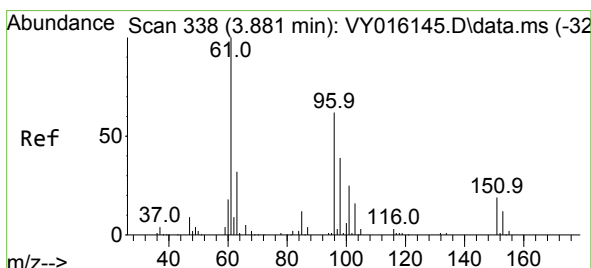
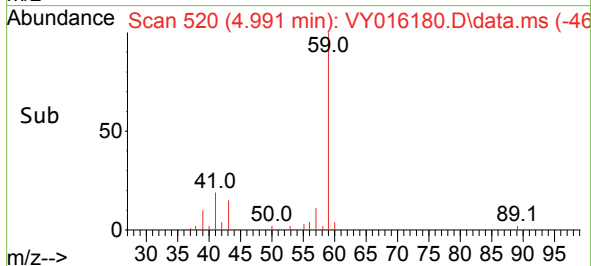
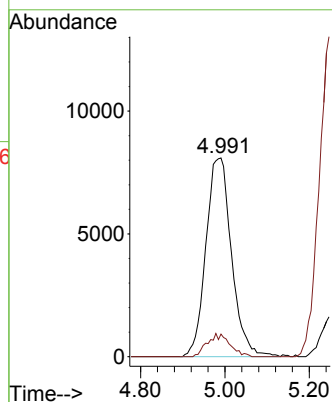
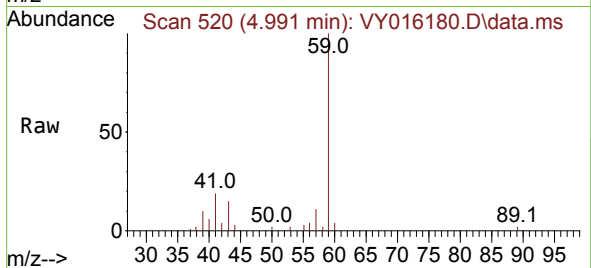
ClientSampleId :

Tgt Ion: 59 Resp: 34104

Ion Ratio Lower Upper

59 100

57 5.3 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 52.451 ug/l

RT: 3.899 min Scan# 341

Delta R.T. 0.018 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

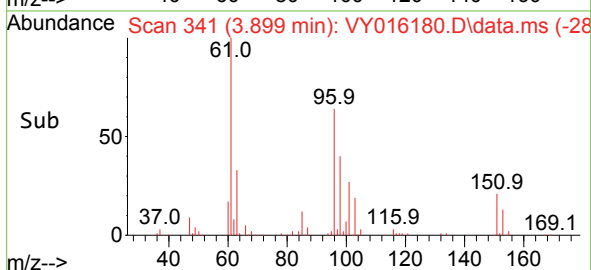
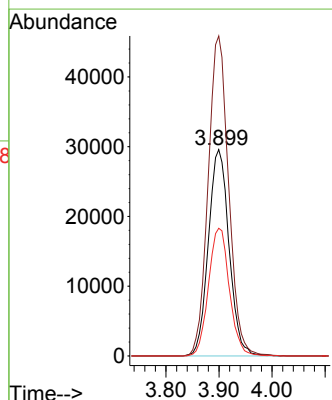
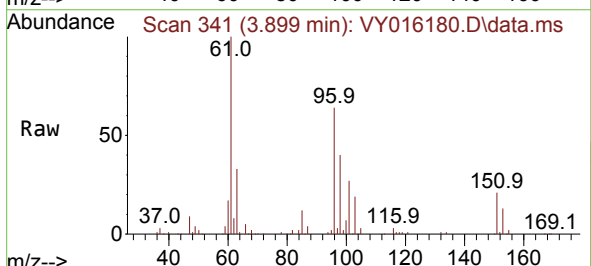
Tgt Ion: 96 Resp: 80163

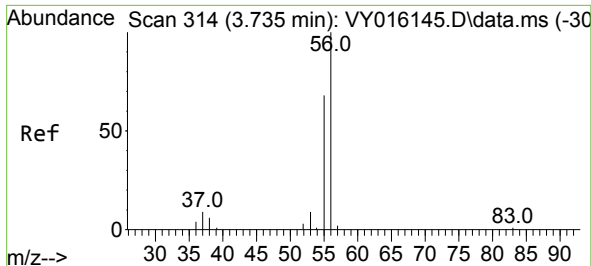
Ion Ratio Lower Upper

96 100

61 155.0 136.4 204.6

98 61.8 49.4 74.2





#13

Acrolein

Concen: 245.552 ug/l

RT: 3.753 min Scan# 314

Delta R.T. 0.018 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

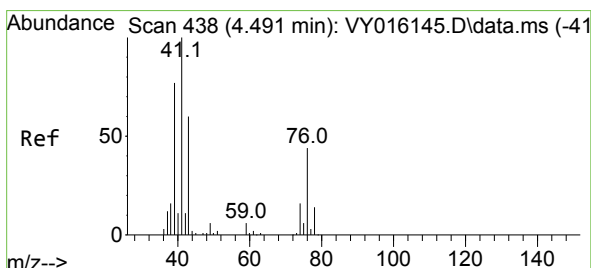
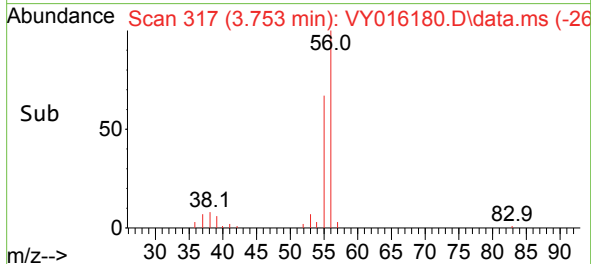
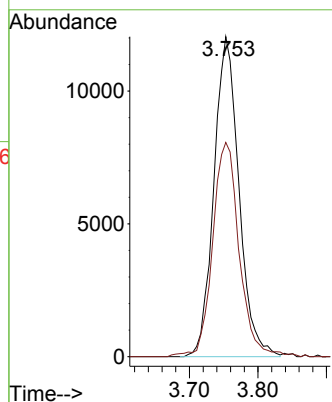
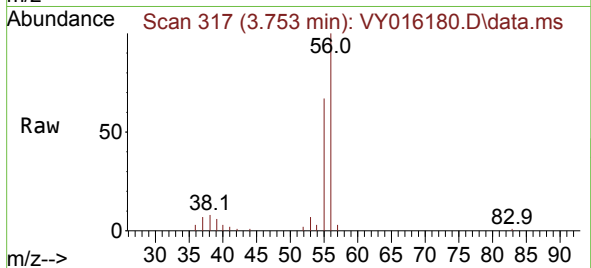
ClientSampleId :

Tgt Ion: 56 Resp: 30486

Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.4



#14

Allyl chloride

Concen: 55.360 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

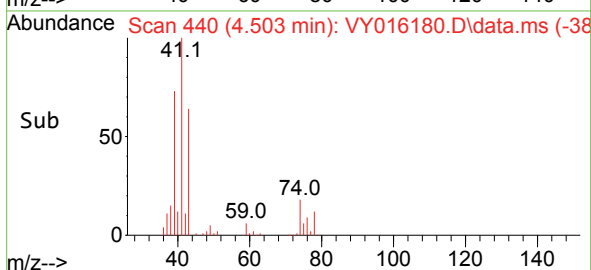
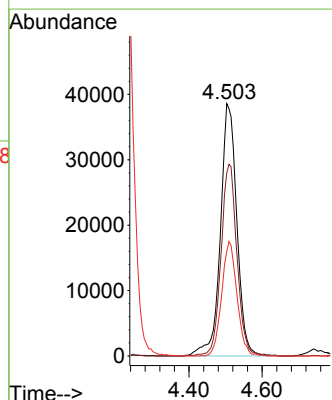
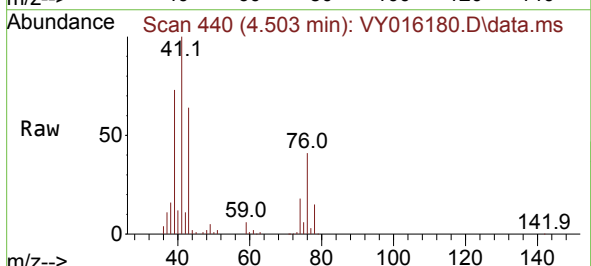
Tgt Ion: 41 Resp: 121021

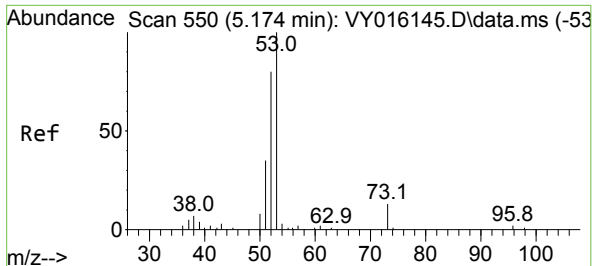
Ion Ratio Lower Upper

41 100

39 73.7 58.0 87.0

76 42.1 27.4 41.2#





#15

Acrylonitrile

Concen: 257.485 ug/l

RT: 5.192 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

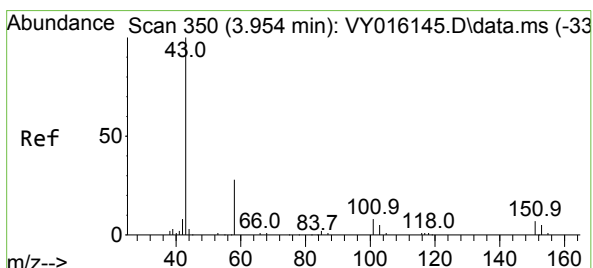
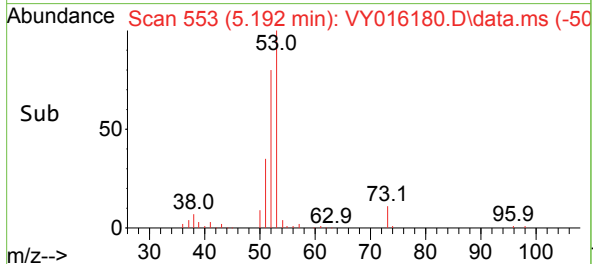
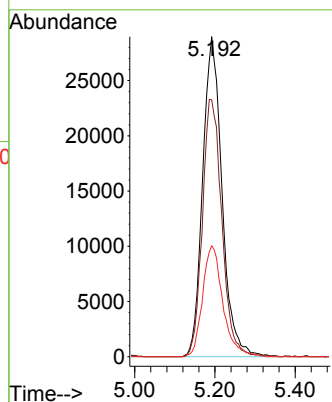
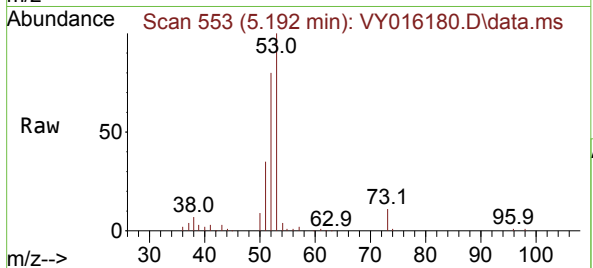
Tgt Ion: 53 Resp: 96928

Ion Ratio Lower Upper

53 100

52 80.6 66.9 100.3

51 36.4 29.8 44.6



#16

Acetone

Concen: 257.541 ug/l

RT: 3.973 min Scan# 353

Delta R.T. 0.019 min

Lab File: VY016180.D

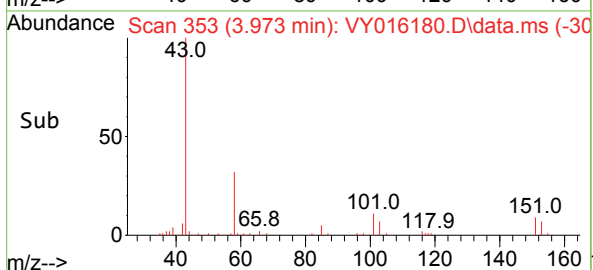
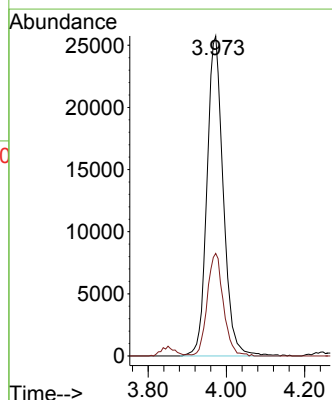
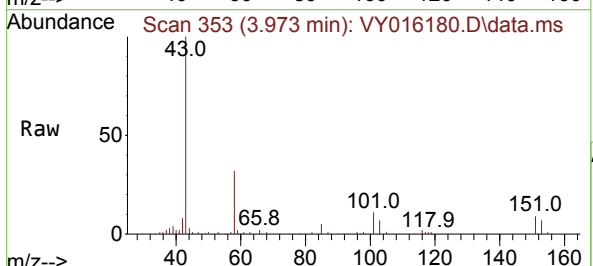
Acq: 02 Nov 2023 09:57

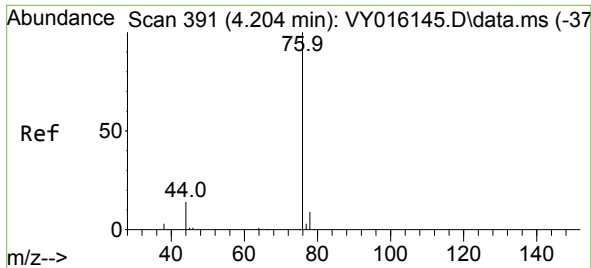
Tgt Ion: 43 Resp: 74136

Ion Ratio Lower Upper

43 100

58 32.0 22.7 34.1

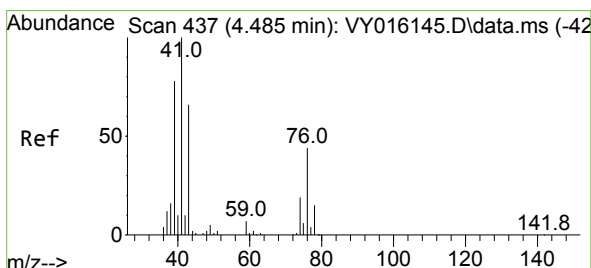
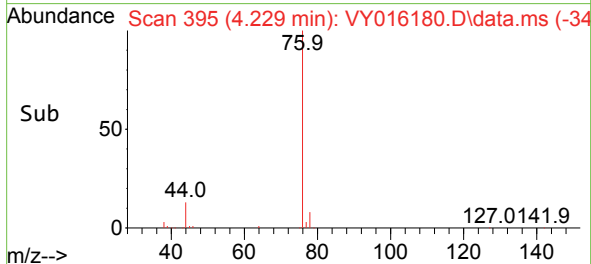
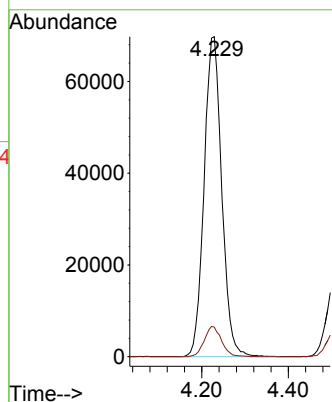
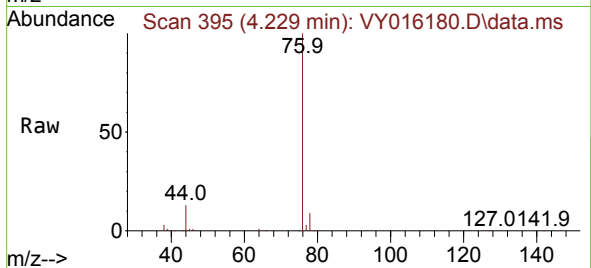




#17
Carbon Disulfide
Concen: 51.643 ug/l
RT: 4.229 min Scan# 395
Delta R.T. 0.025 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

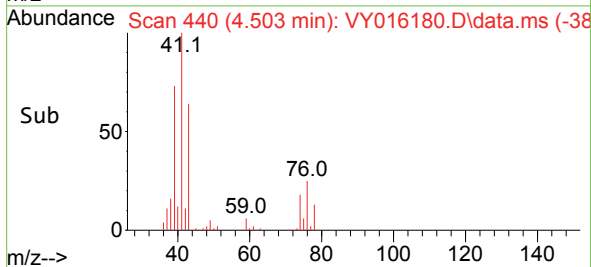
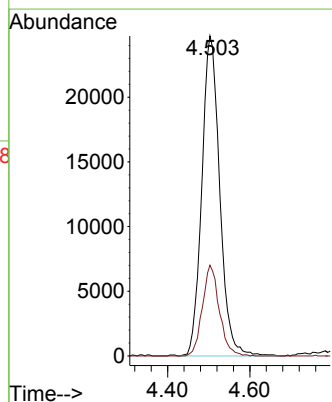
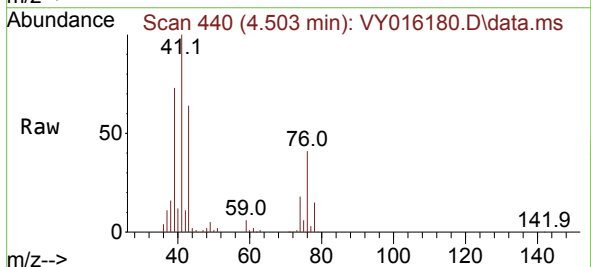
Instrument :
MSVOA_Y
ClientSampleId :

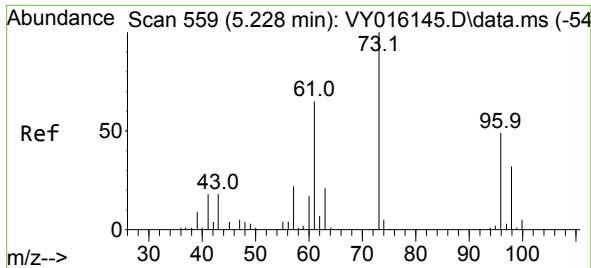
Tgt Ion: 76 Resp: 197053
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 51.479 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Tgt Ion: 43 Resp: 74823
Ion Ratio Lower Upper
43 100
74 26.8 17.4 26.0#

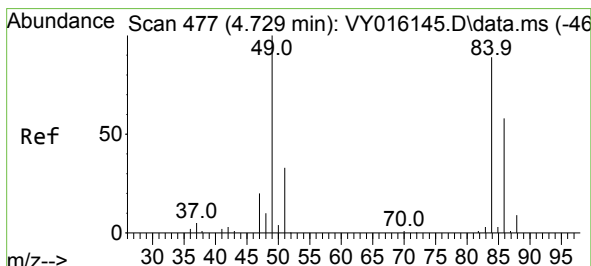
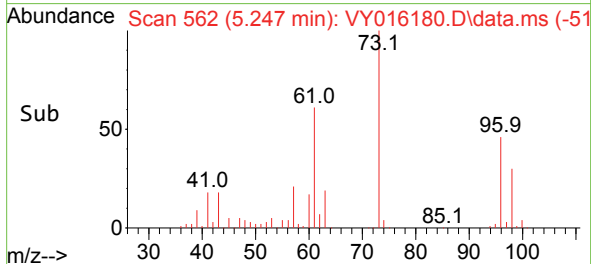
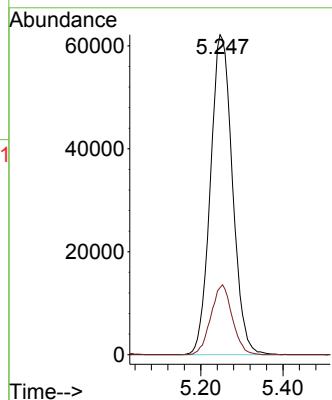
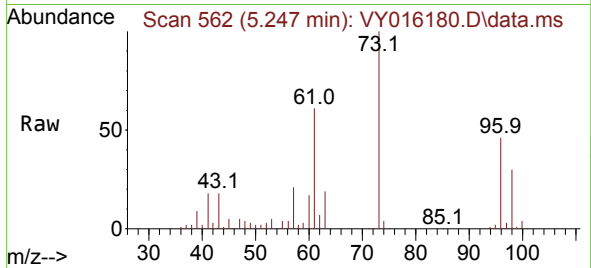




#19
Methyl tert-butyl Ether
Concen: 53.165 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

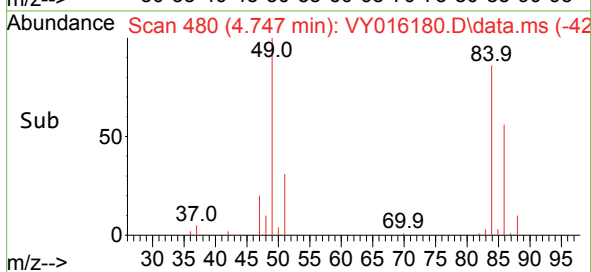
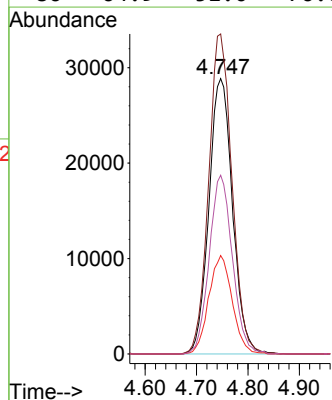
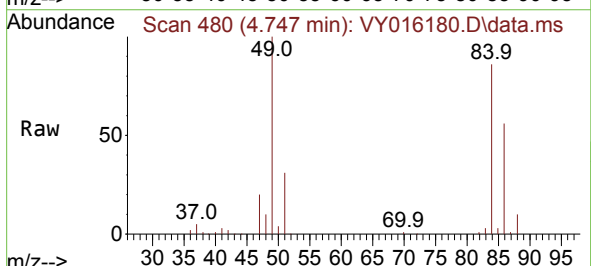
Instrument :
MSVOA_Y
ClientSampleId :

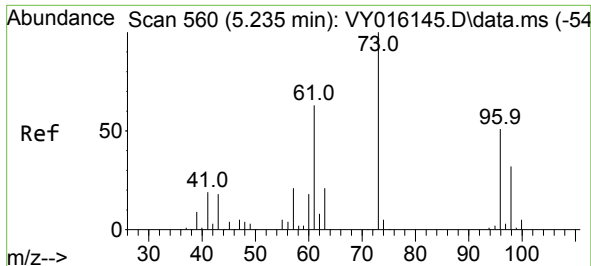
Tgt Ion: 73 Resp: 231123
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 50.103 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.018 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

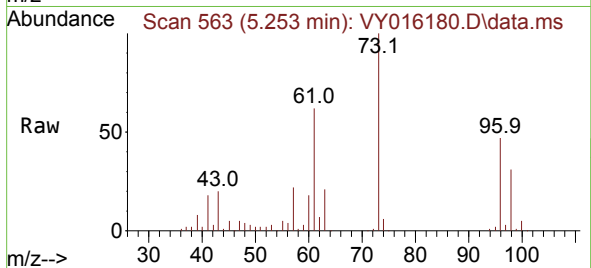
Tgt Ion: 84 Resp: 92090
Ion Ratio Lower Upper
84 100
49 116.2 106.9 160.3
51 35.7 33.2 49.8
86 64.9 51.0 76.6



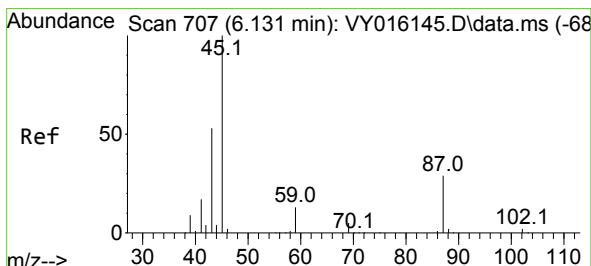
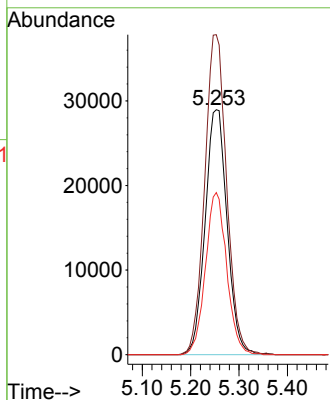
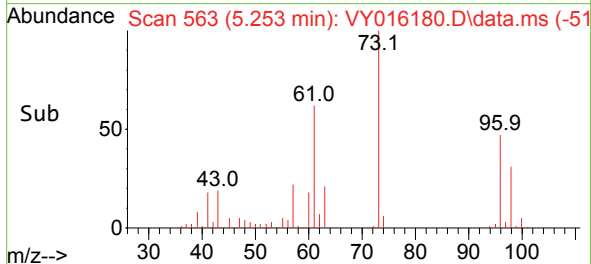


#21
trans-1,2-Dichloroethene
Concen: 51.485 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

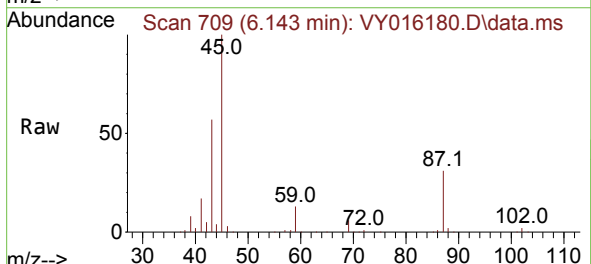
Instrument :
MSVOA_Y
ClientSampleId :



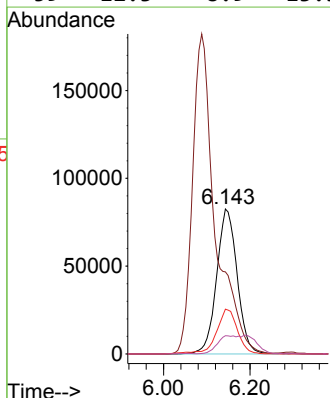
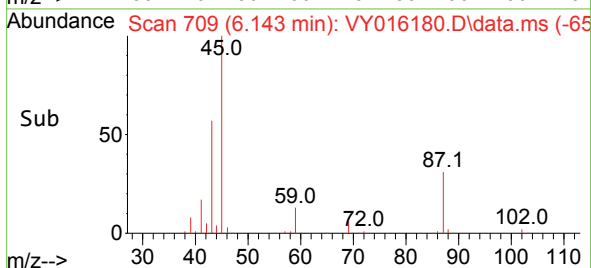
Tgt Ion: 96 Resp: 91656
Ion Ratio Lower Upper
96 100
61 130.6 110.2 165.4
98 66.2 51.8 77.6

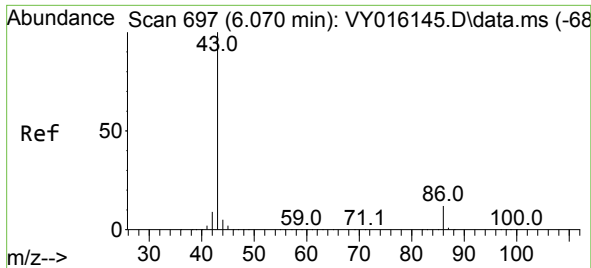


#22
Diisopropyl ether
Concen: 51.565 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57



Tgt Ion: 45 Resp: 272649
Ion Ratio Lower Upper
45 100
43 56.0 52.2 78.4
87 30.8 21.0 31.6
59 12.3 8.9 13.3

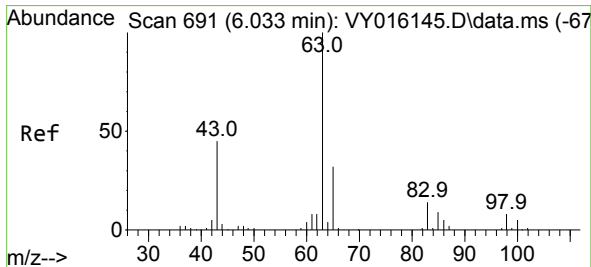
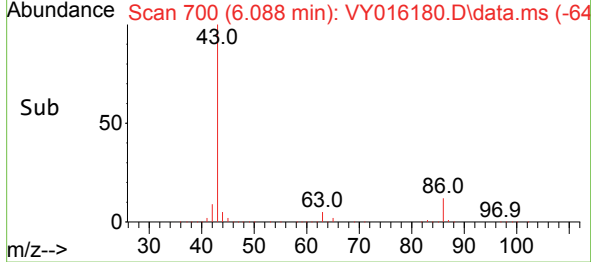
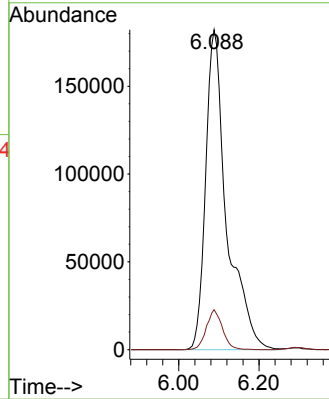
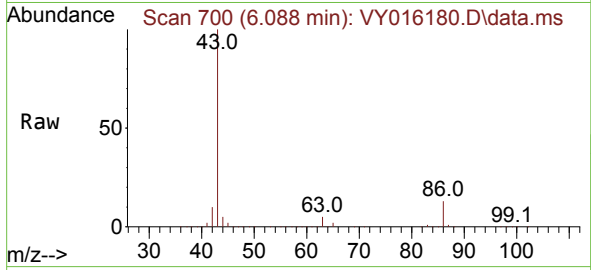




#23
 Vinyl Acetate
 Concen: 255.379 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.018 min
 Lab File: VY016180.D
 Acq: 02 Nov 2023 09:57

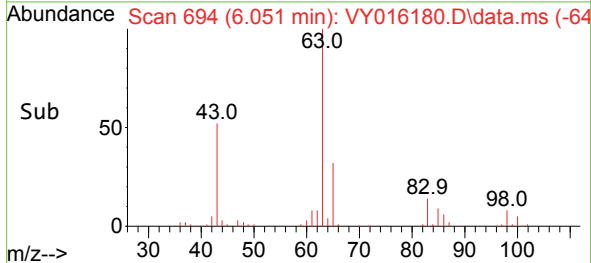
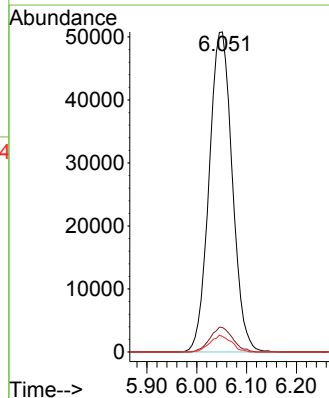
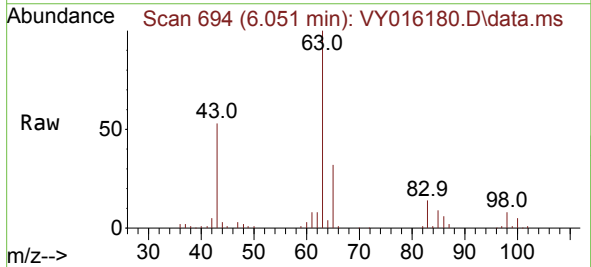
Instrument :
 MSVOA_Y
 ClientSampleId :

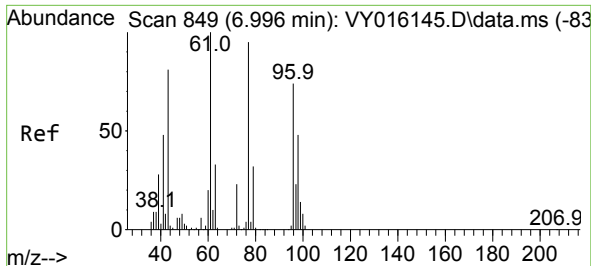
Tgt Ion: 43 Resp: 662982
 Ion Ratio Lower Upper
 43 100
 86 12.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 51.737 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.018 min
 Lab File: VY016180.D
 Acq: 02 Nov 2023 09:57

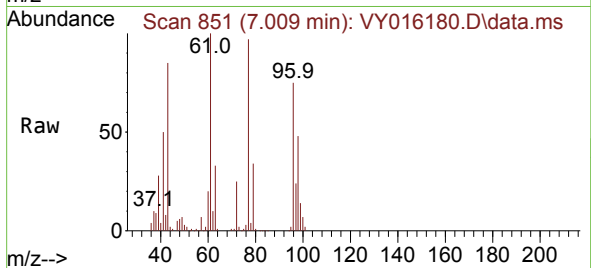
Tgt Ion: 63 Resp: 163724
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.9 1.8 5.5



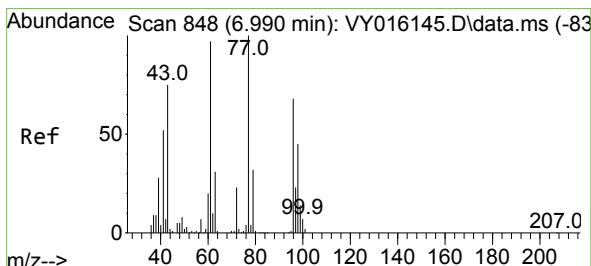
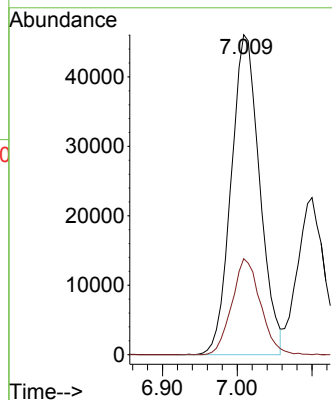
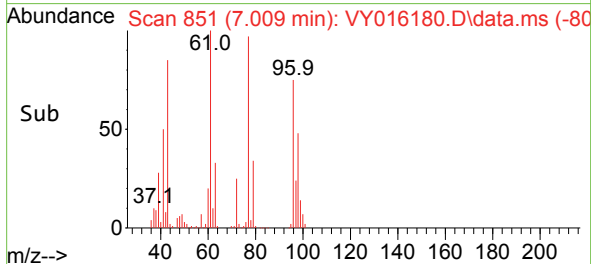


#25
2-Butanone
Concen: 245.306 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Instrument :
MSVOA_Y
ClientSampleId :

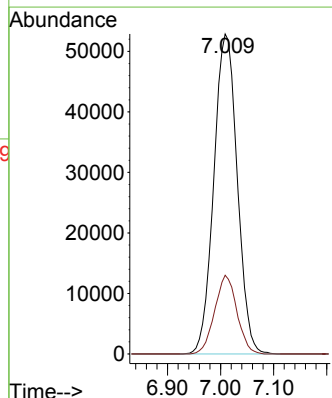
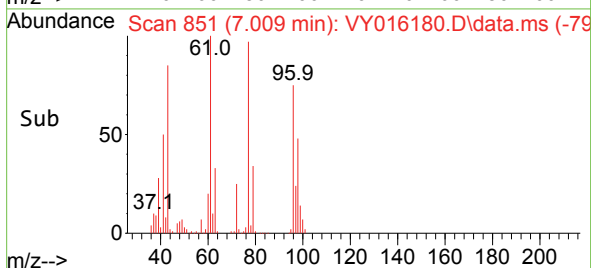
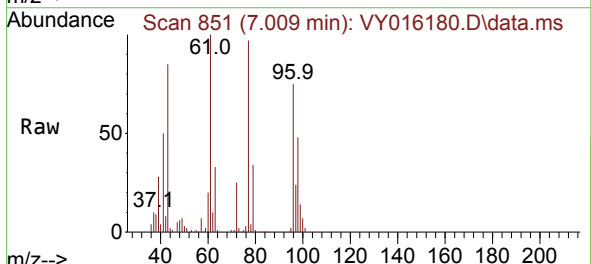


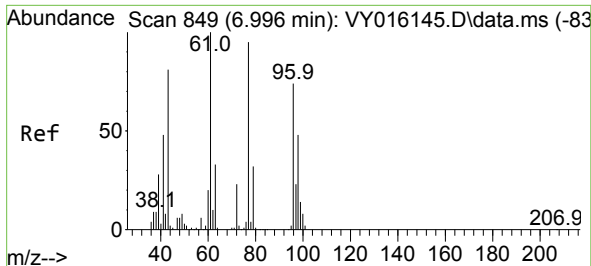
Tgt Ion: 43 Resp: 122316
Ion Ratio Lower Upper
43 100
72 30.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 54.246 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.018 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Tgt Ion: 77 Resp: 162275
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.902 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.018 min

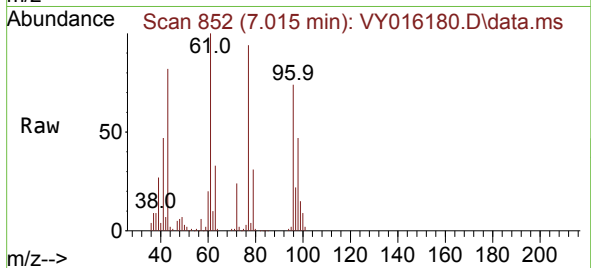
Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :



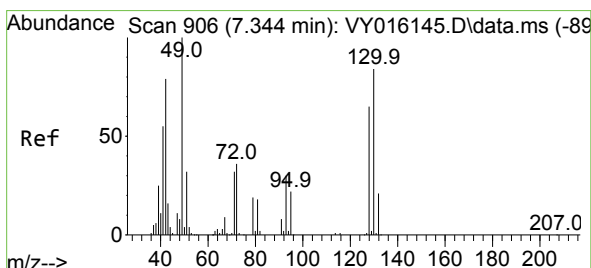
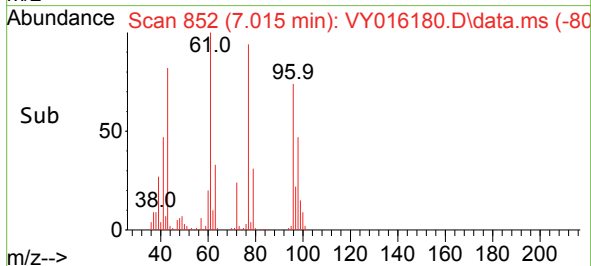
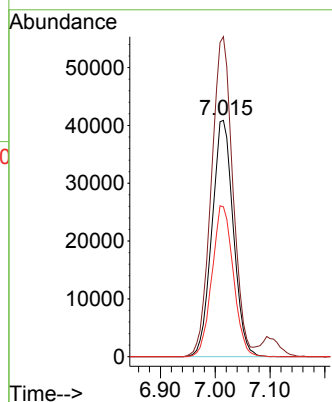
Tgt Ion: 96 Resp: 110832

Ion Ratio Lower Upper

96 100

61 136.4 0.0 301.4

98 63.7 0.0 130.4



#28

Bromochloromethane

Concen: 47.457 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.018 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

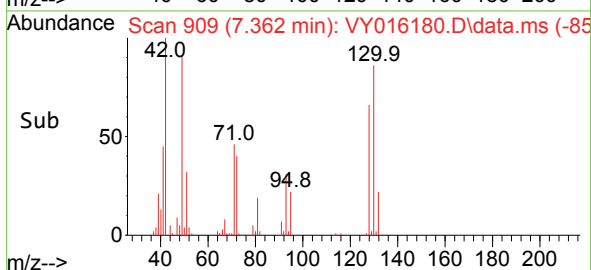
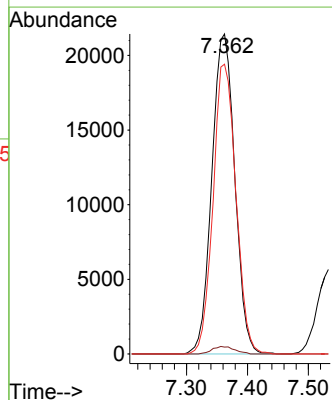
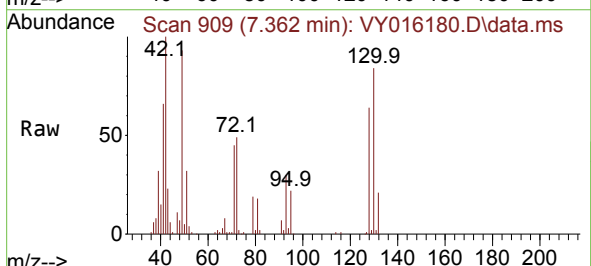
Tgt Ion: 49 Resp: 56198

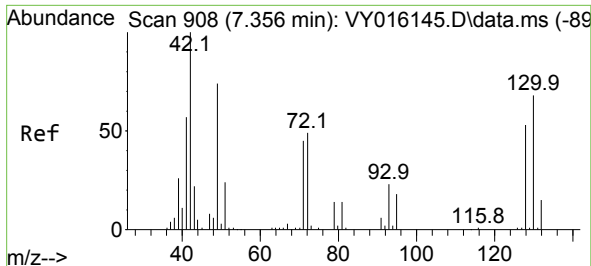
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 89.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 247.671 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

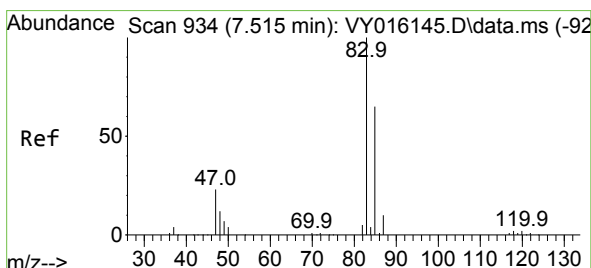
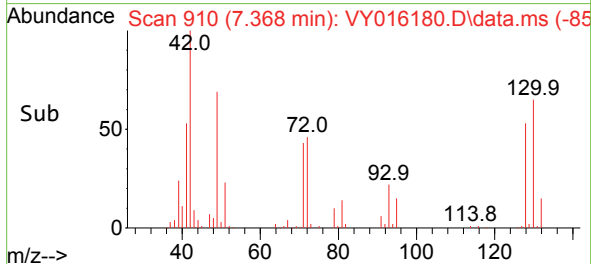
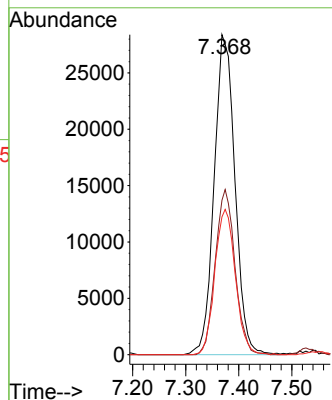
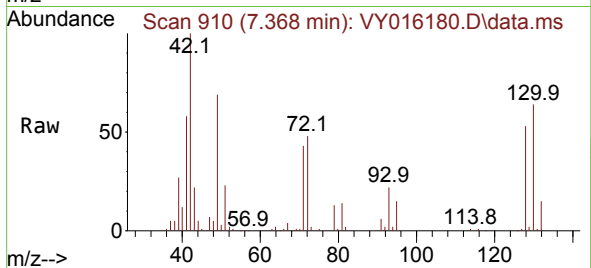
Tgt Ion: 42 Resp: 77414

Ion Ratio Lower Upper

42 100

72 49.1 32.8 49.2

71 44.8 31.0 46.4



#30

Chloroform

Concen: 51.319 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.018 min

Lab File: VY016180.D

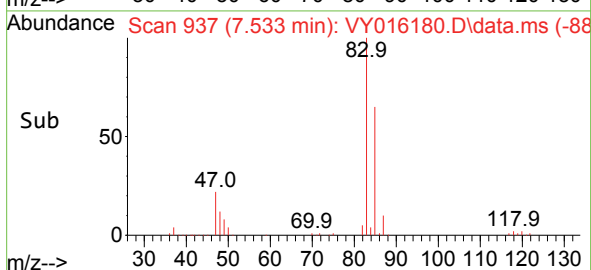
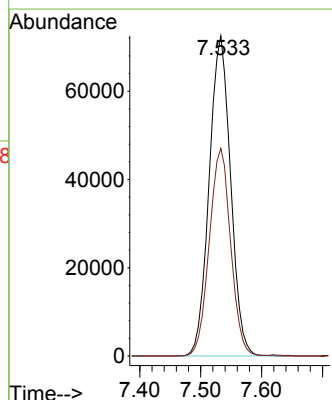
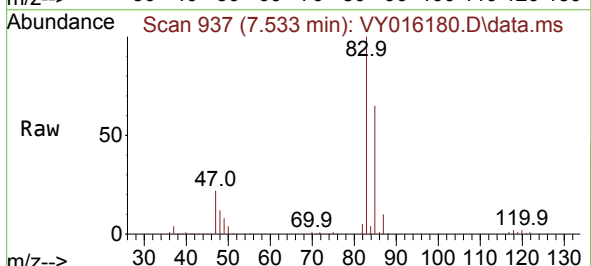
Acq: 02 Nov 2023 09:57

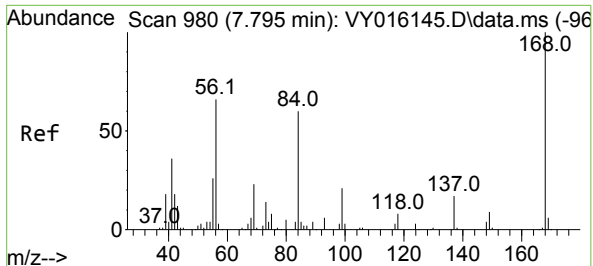
Tgt Ion: 83 Resp: 176809

Ion Ratio Lower Upper

83 100

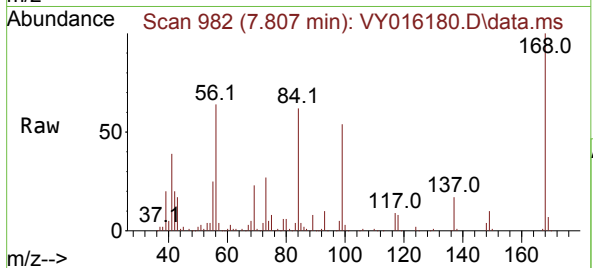
85 64.9 49.7 74.5



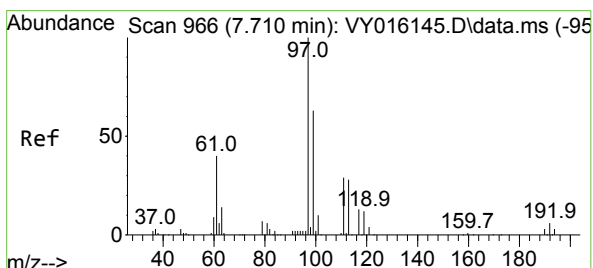
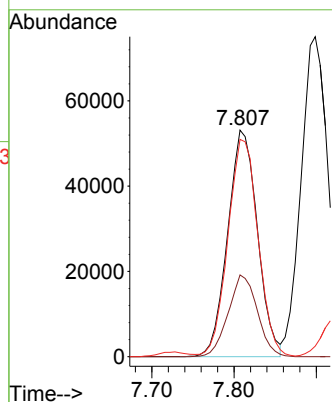
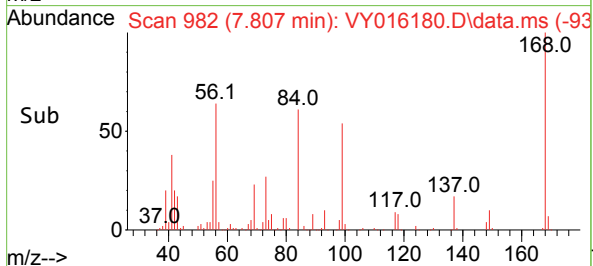


#31
Cyclohexane
Concen: 48.163 ug/l
RT: 7.807 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

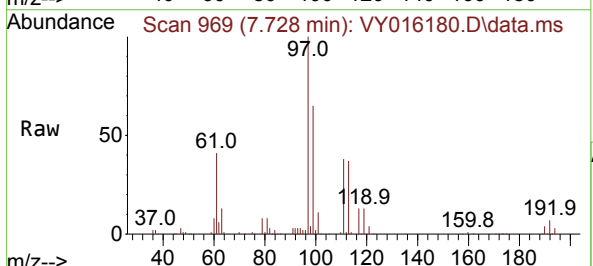
Instrument :
MSVOA_Y
ClientSampleId :



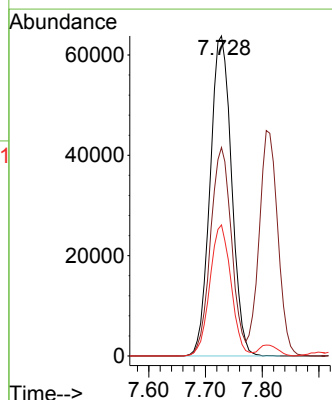
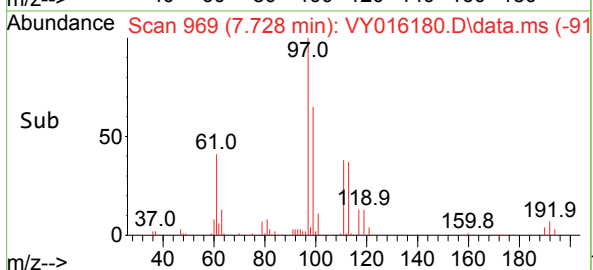
Tgt Ion: 56 Resp: 133811
Ion Ratio Lower Upper
56 100
69 36.1 27.8 41.6
84 94.3 66.4 99.6

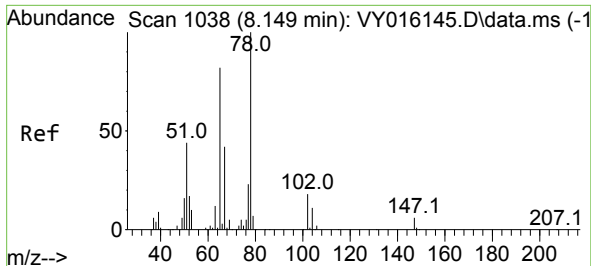


#32
1,1,1-Trichloroethane
Concen: 52.973 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.018 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57



Tgt Ion: 97 Resp: 167375
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 40.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.850 ug/l

RT: 8.167 min Scan# 1130

Delta R.T. 0.018 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

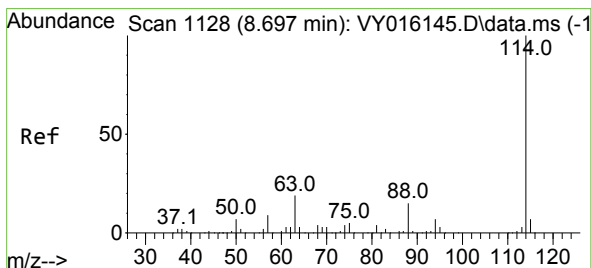
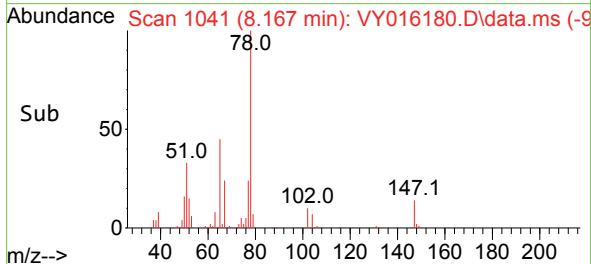
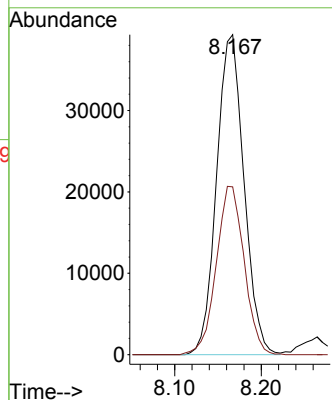
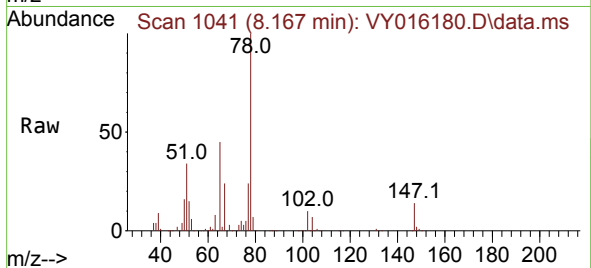
ClientSampleId :

Tgt Ion: 65 Resp: 86481

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

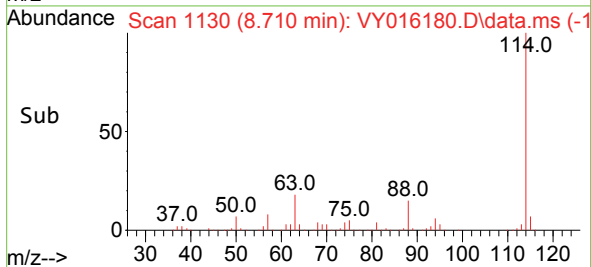
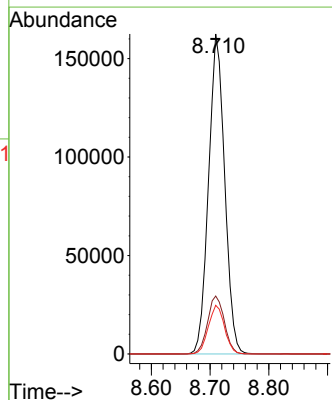
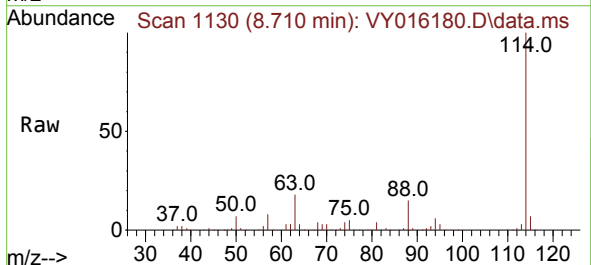
Tgt Ion: 114 Resp: 309349

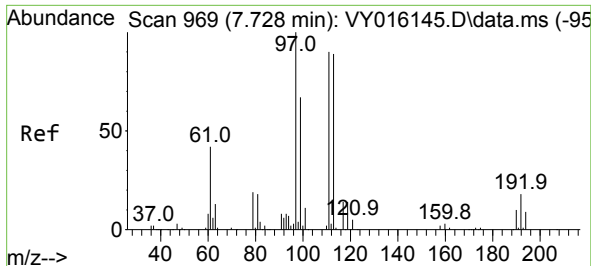
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 15.2 0.0 30.6

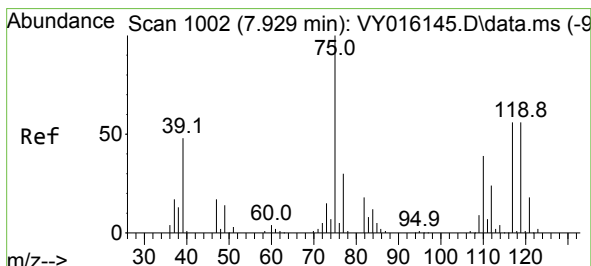
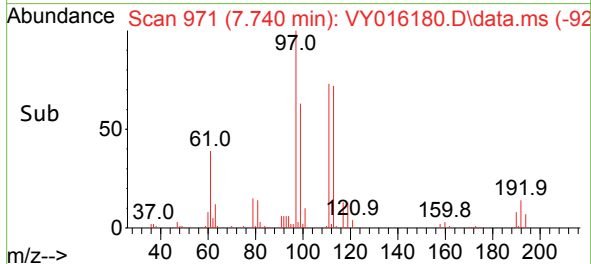
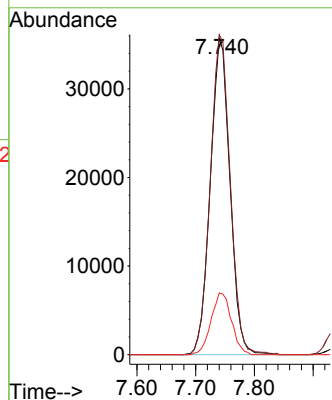
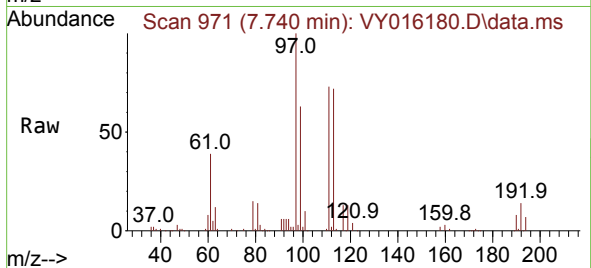




#35
Dibromofluoromethane
Concen: 44.977 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

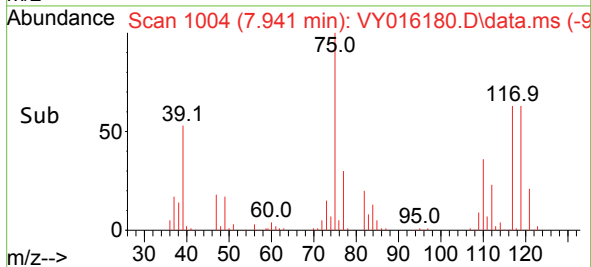
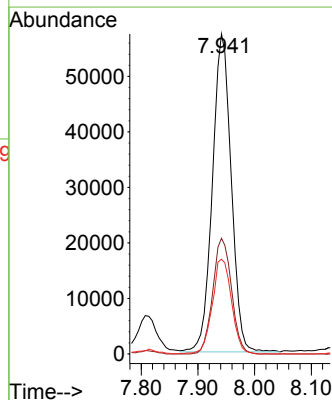
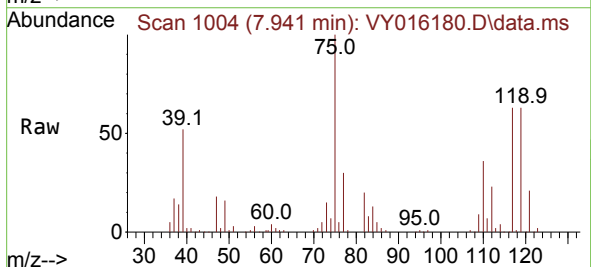
Instrument :
MSVOA_Y
ClientSampleId :

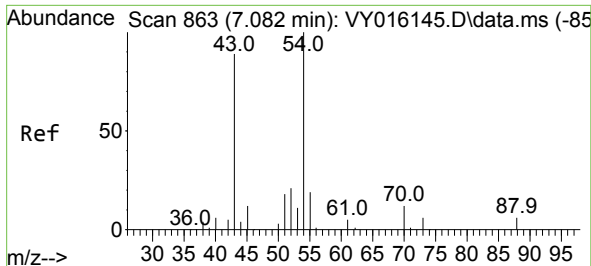
Tgt Ion:113 Resp: 82948
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.581 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

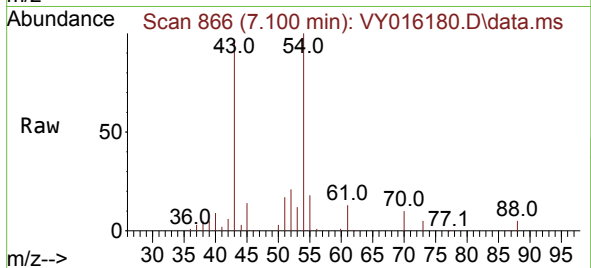
Tgt Ion: 75 Resp: 132037
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 30.6 24.4 36.6



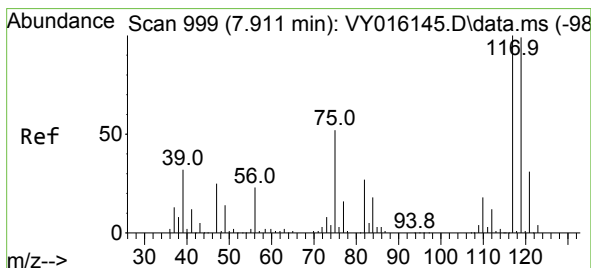
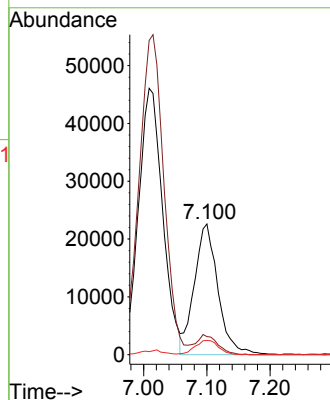
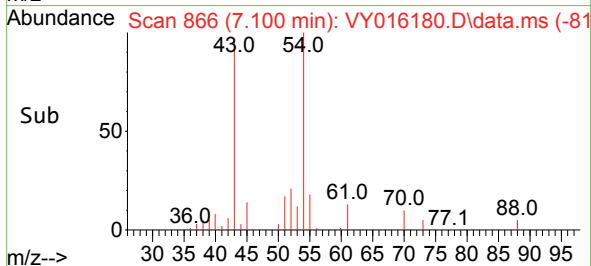


#37
Ethyl Acetate
Concen: 49.586 ug/l
RT: 7.100 min Scan# 80
Delta R.T. 0.018 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Instrument :
MSVOA_Y
ClientSampleId :

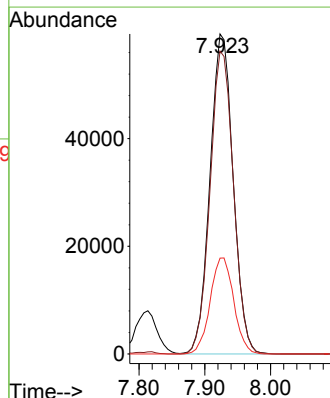
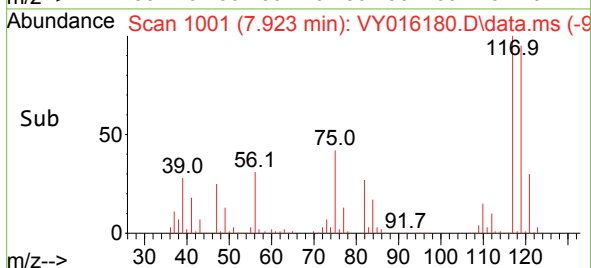
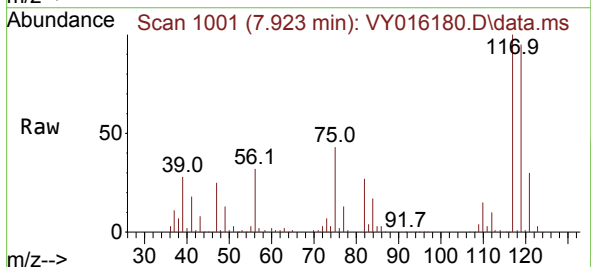


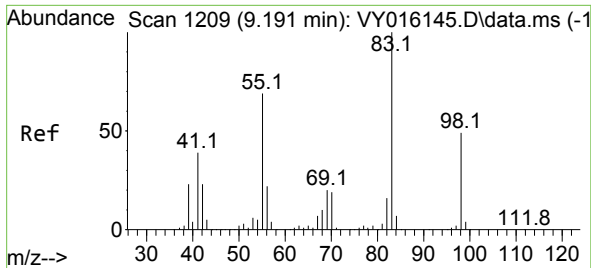
Tgt Ion: 43 Resp: 58816
Ion Ratio Lower Upper
43 100
61 14.2 10.1 15.1
70 10.9 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 55.274 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Tgt Ion: 117 Resp: 145832
Ion Ratio Lower Upper
117 100
119 94.7 76.4 114.6
121 29.9 25.8 38.6

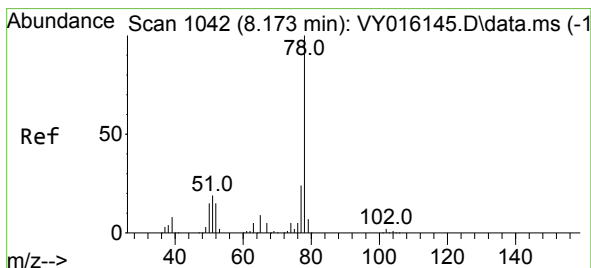
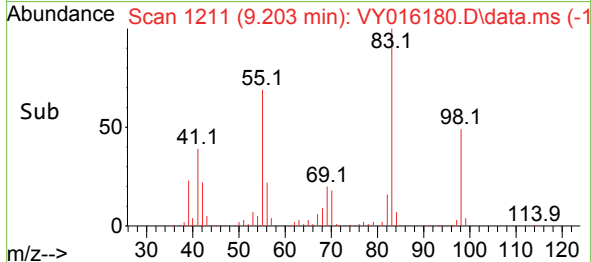
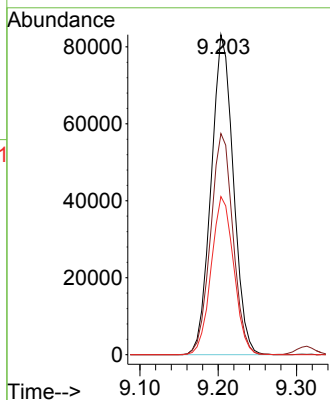
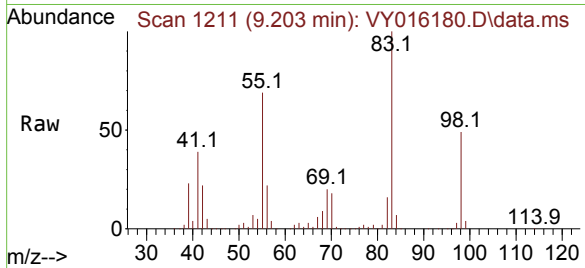




#39
Methylcyclohexane
Concen: 51.597 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

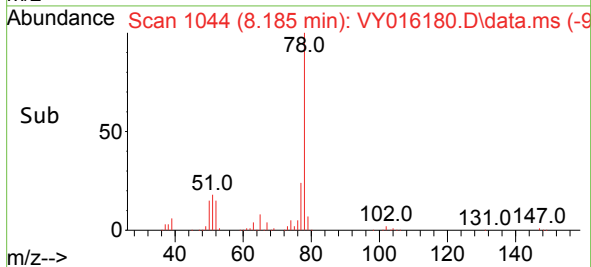
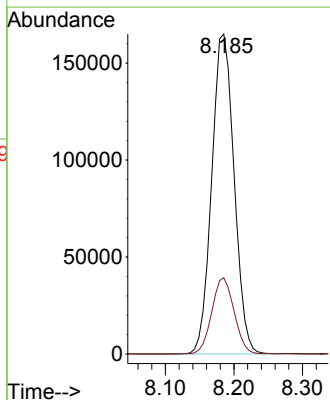
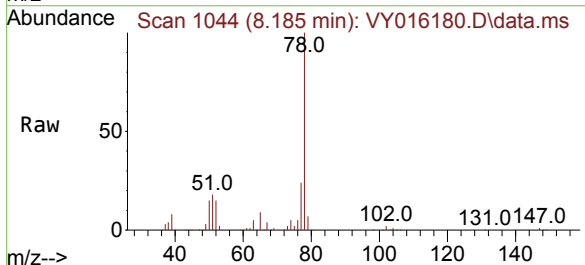
Instrument :
MSVOA_Y
ClientSampleId :

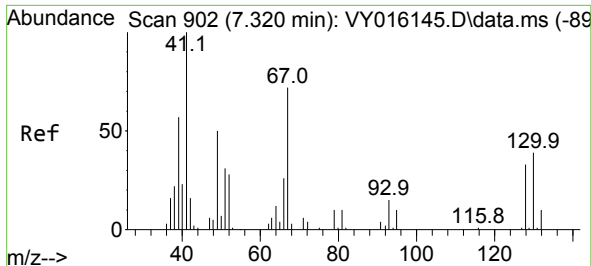
Tgt Ion: 83 Resp: 164017
Ion Ratio Lower Upper
83 100
55 69.1 63.0 94.4
98 49.4 37.4 56.2



#40
Benzene
Concen: 48.936 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

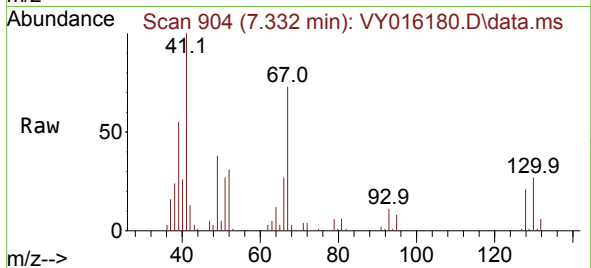
Tgt Ion: 78 Resp: 374137
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



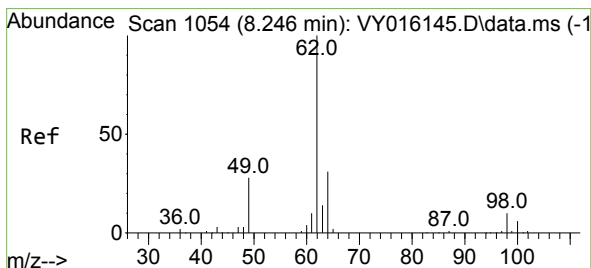
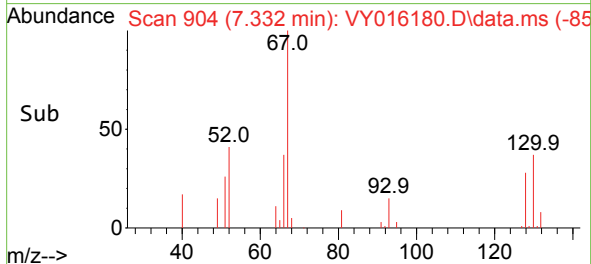
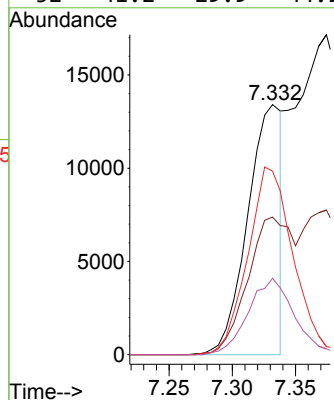


#41
Methacrylonitrile
Concen: 36.529 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Instrument :
MSVOA_Y
ClientSampleId :

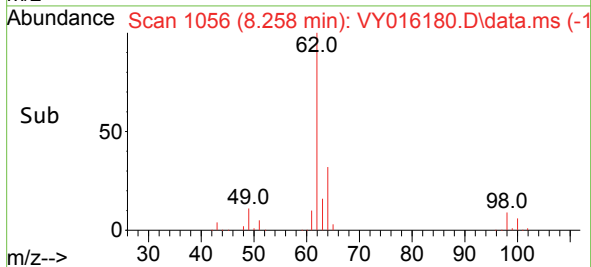
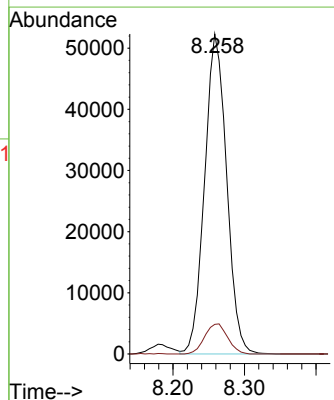
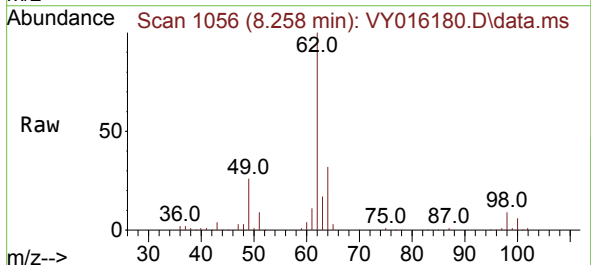


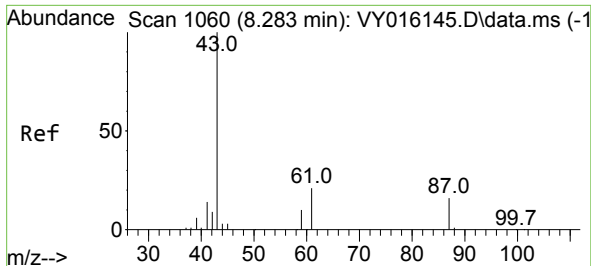
Tgt Ion:	41	Resp:	25150
Ion	Ratio	Lower	Upper
41	100		
39	73.5	52.1	78.1
67	99.8	66.2	99.2
52	41.2	29.9	44.9



#42
1,2-Dichloroethane
Concen: 52.424 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Tgt Ion:	62	Resp:	111850
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8

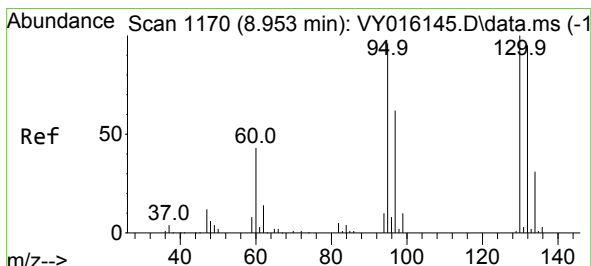
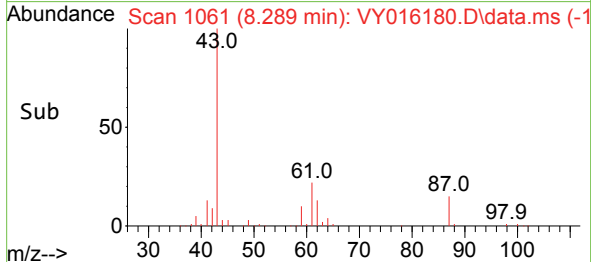
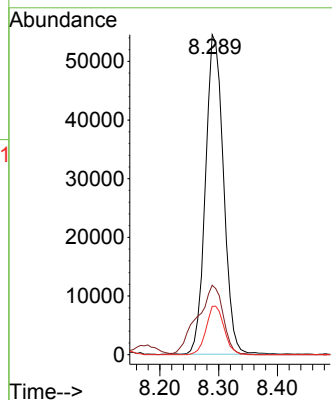
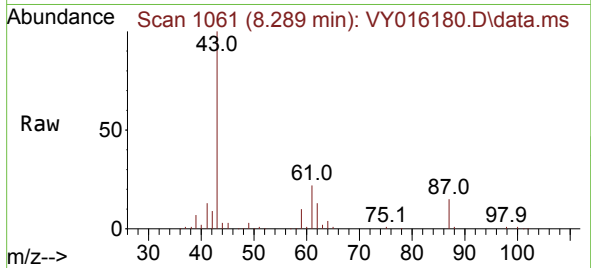




#43
Isopropyl Acetate
Concen: 49.525 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

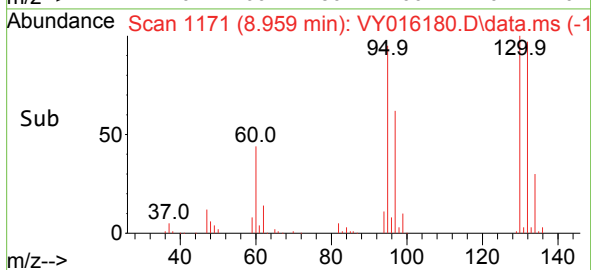
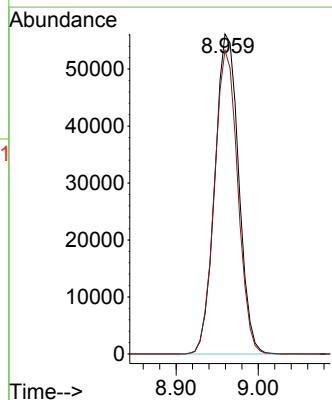
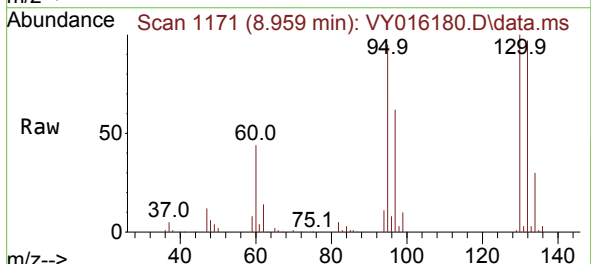
Instrument :
MSVOA_Y
ClientSampleId :

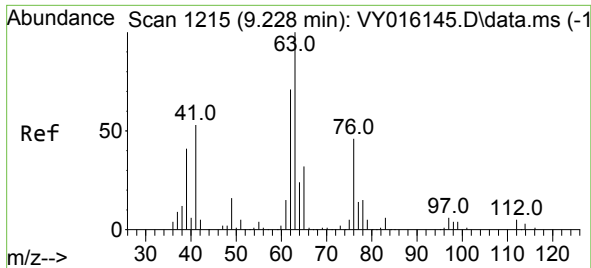
Tgt Ion: 43 Resp: 116197
Ion Ratio Lower Upper
43 100
61 31.0 21.1 31.7
87 15.1 9.8 14.8#



#44
Trichloroethene
Concen: 50.392 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Tgt Ion:130 Resp: 112744
Ion Ratio Lower Upper
130 100
95 94.9 0.0 196.0

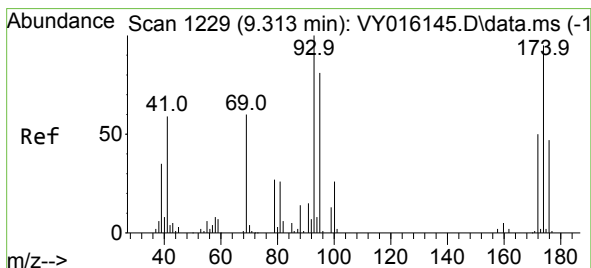
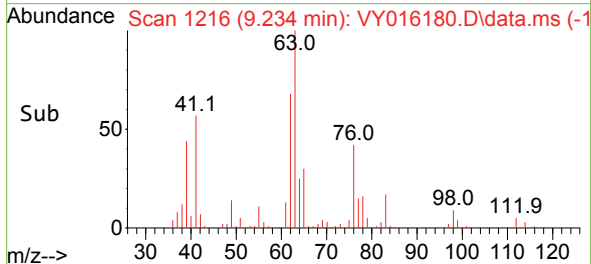
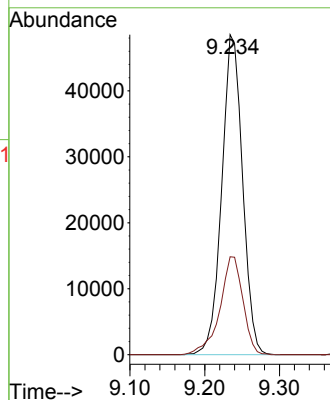
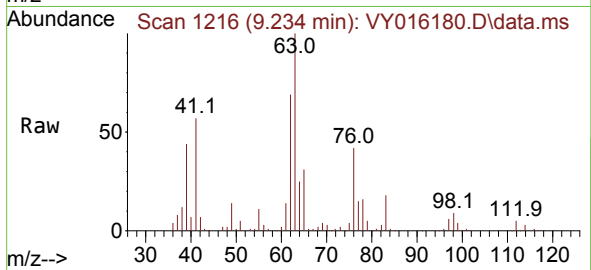




#45
1,2-Dichloropropane
Concen: 51.112 ug/l
RT: 9.234 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

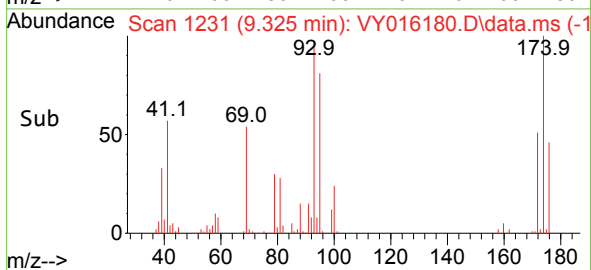
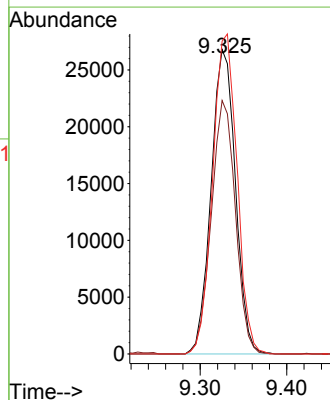
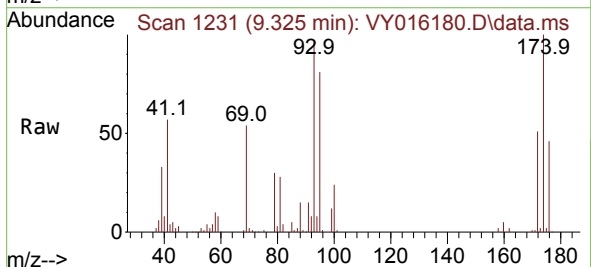
Instrument :
MSVOA_Y
ClientSampleId :

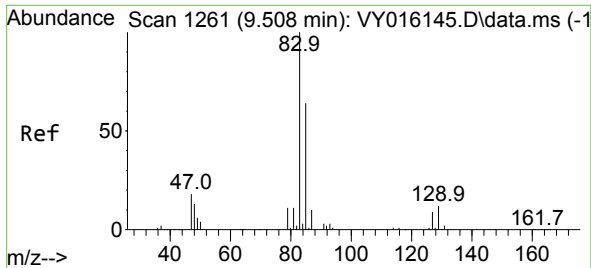
Tgt Ion: 63 Resp: 94005
Ion Ratio Lower Upper
63 100
65 30.6 23.8 35.6



#46
Dibromomethane
Concen: 50.160 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Tgt Ion: 93 Resp: 52333
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 105.4 84.8 127.2

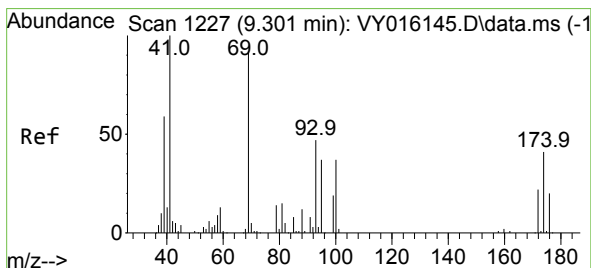
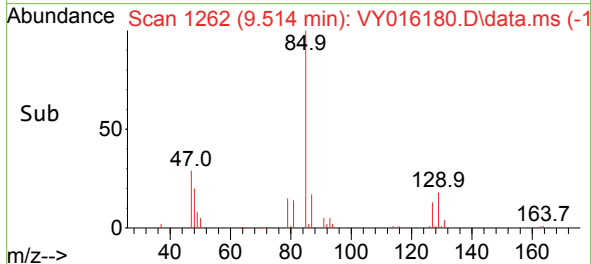
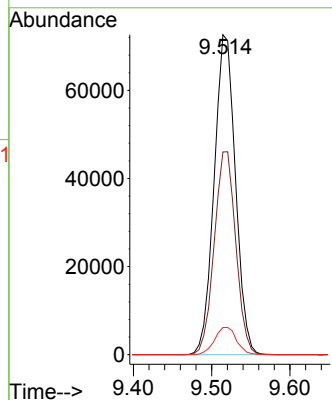
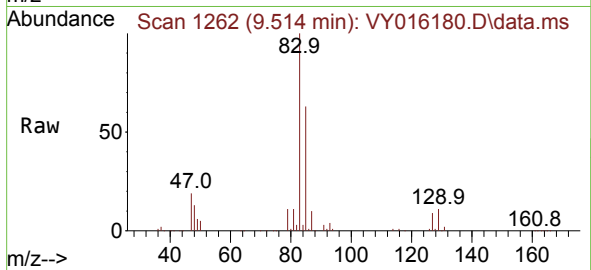




#47
Bromodichloromethane
Concen: 51.826 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

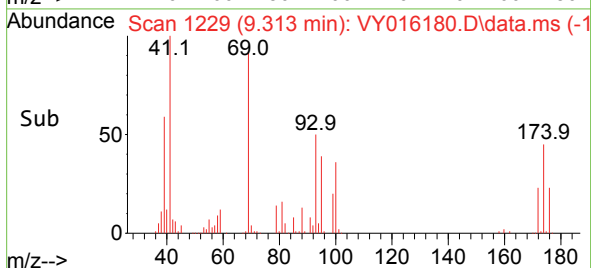
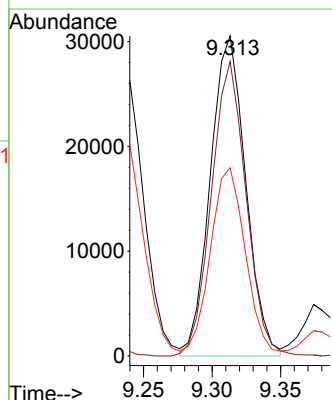
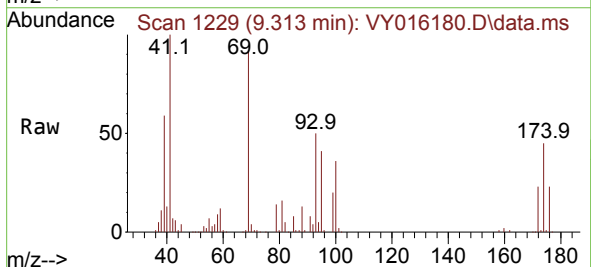
Instrument :
MSVOA_Y
ClientSampleId :

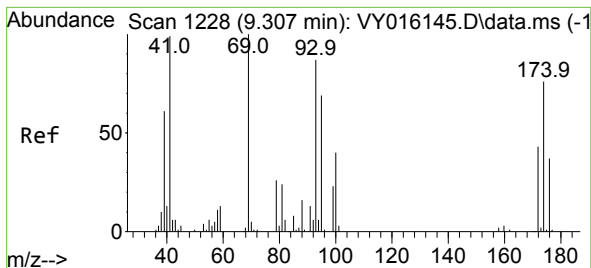
Tgt Ion: 83 Resp: 137382
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 51.313 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Tgt Ion: 41 Resp: 54745
Ion Ratio Lower Upper
41 100
69 90.3 64.5 96.7
39 55.9 50.8 76.2





#49

1,4-Dioxane

Concen: 879.500 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

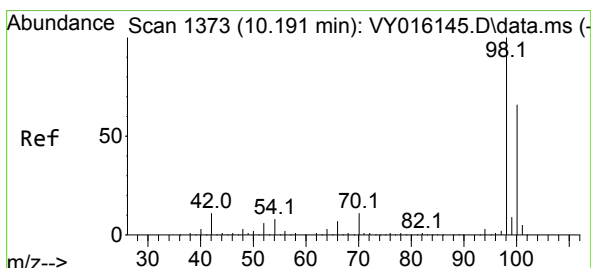
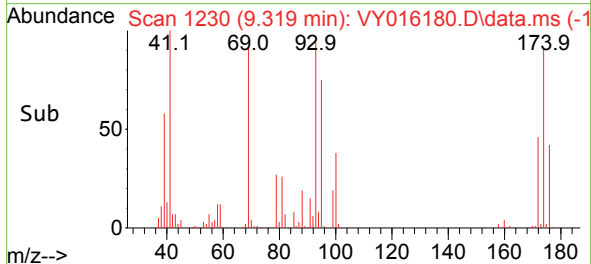
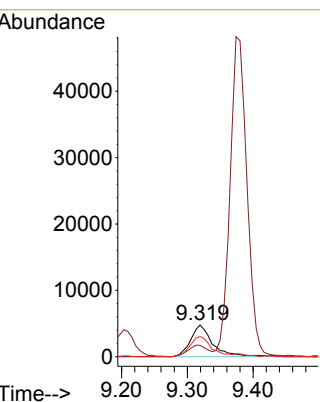
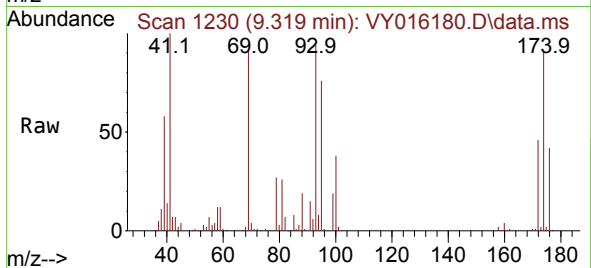
Tgt Ion: 88 Resp: 11090

Ion Ratio Lower Upper

88 100

43 32.7 0.0 0.0#

58 62.2 30.9 46.3#



#50

Toluene-d8

Concen: 47.619 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016180.D

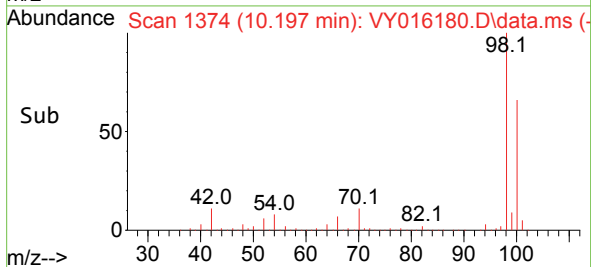
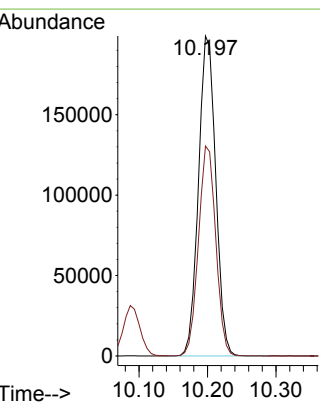
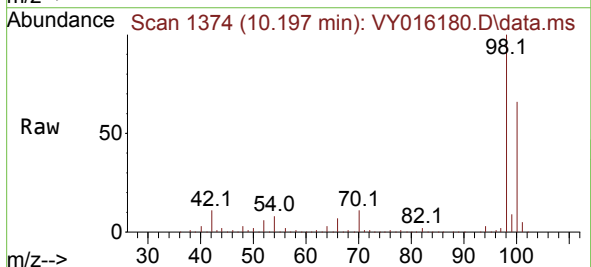
Acq: 02 Nov 2023 09:57

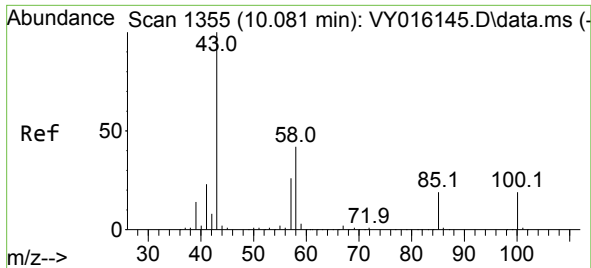
Tgt Ion: 98 Resp: 348192

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 253.601 ug/l

RT: 10.087 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

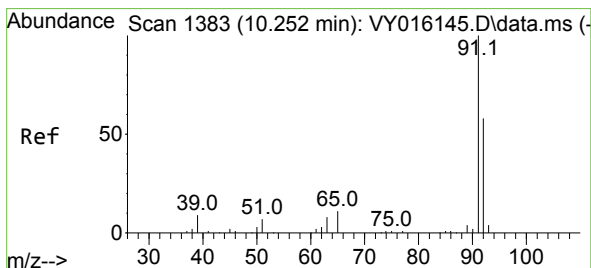
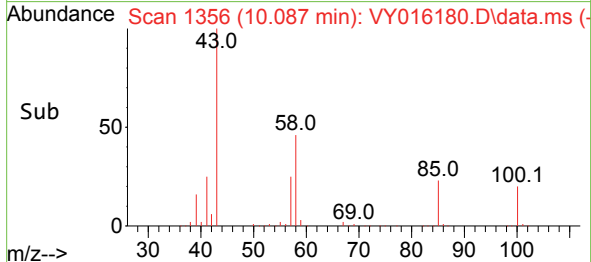
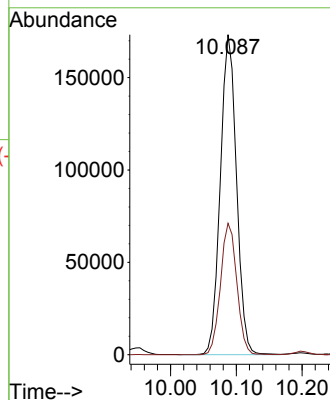
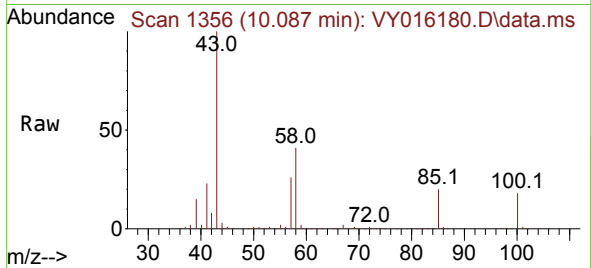
ClientSampleId :

Tgt Ion: 43 Resp: 296889

Ion Ratio Lower Upper

43 100

58 41.3 29.0 43.6



#52

Toluene

Concen: 51.951 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY016180.D

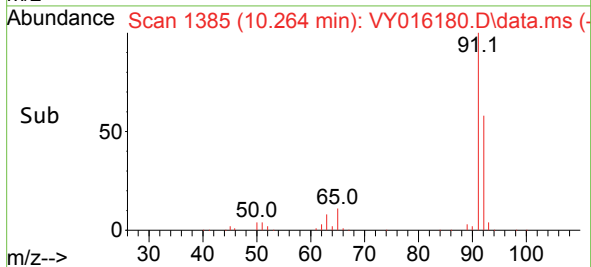
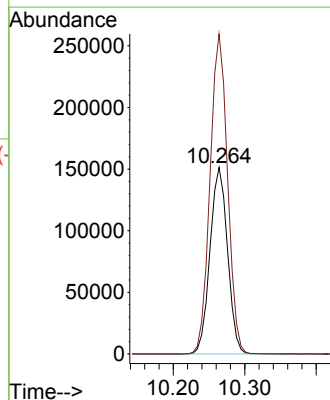
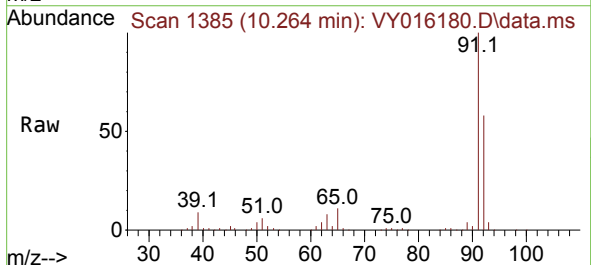
Acq: 02 Nov 2023 09:57

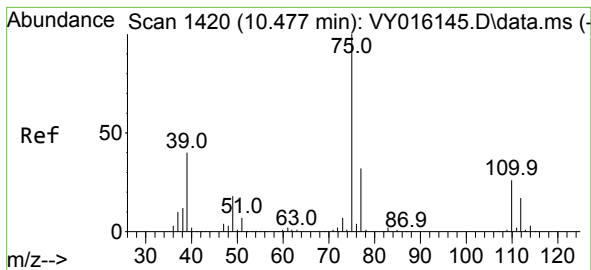
Tgt Ion: 92 Resp: 257377

Ion Ratio Lower Upper

92 100

91 171.2 143.8 215.6

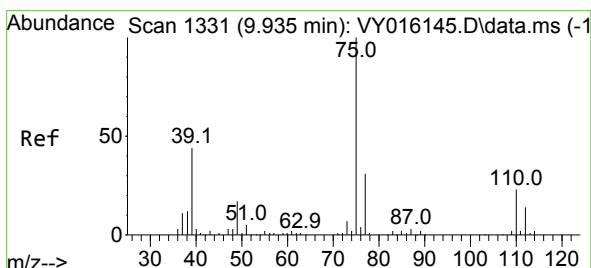
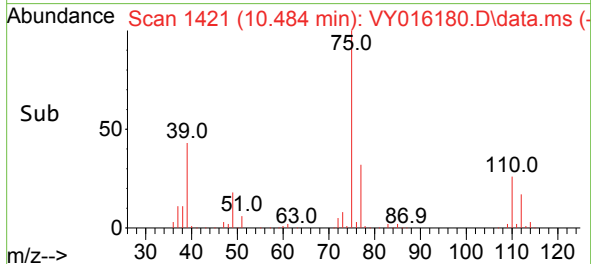
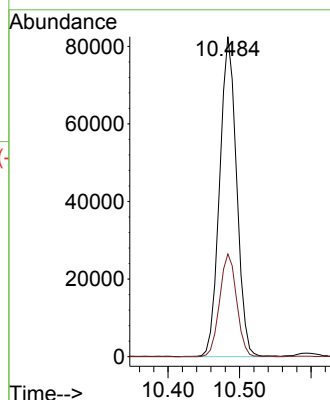
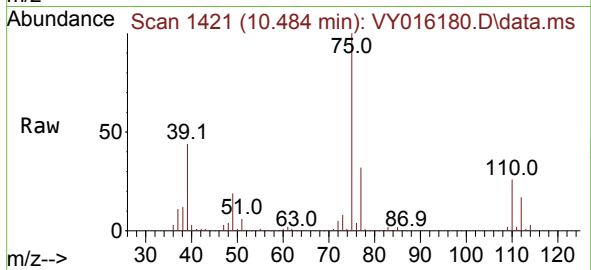




#53
 t-1,3-Dichloropropene
 Concen: 51.361 ug/l
 RT: 10.484 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY016180.D
 Acq: 02 Nov 2023 09:57

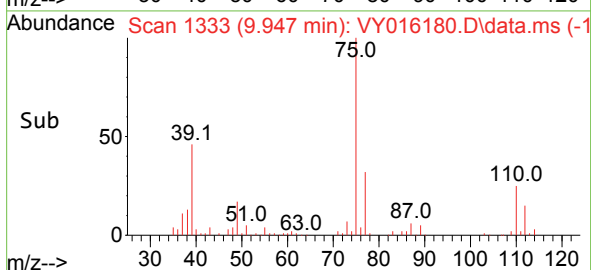
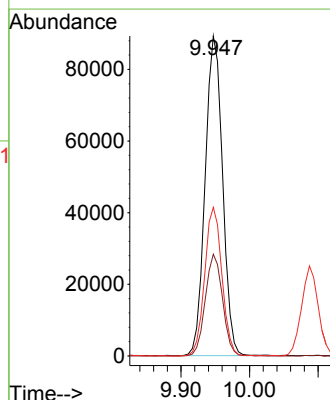
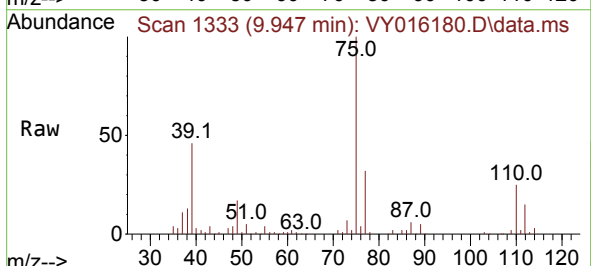
Instrument :
 MSVOA_Y
 ClientSampleId :

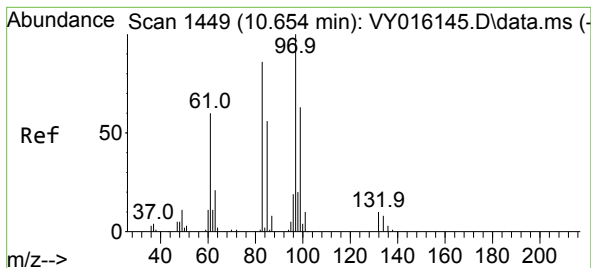
Tgt Ion: 75 Resp: 135915
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.844 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.012 min
 Lab File: VY016180.D
 Acq: 02 Nov 2023 09:57

Tgt Ion: 75 Resp: 157878
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 46.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 50.359 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 73907

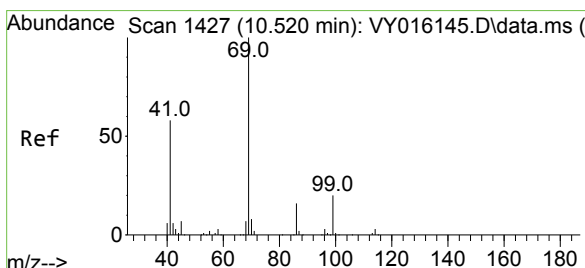
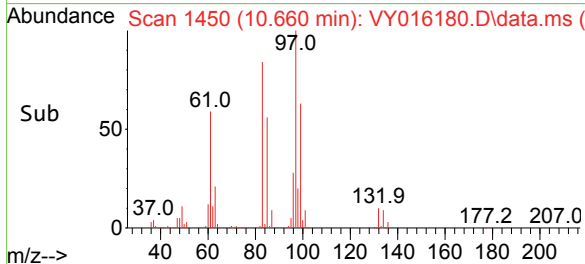
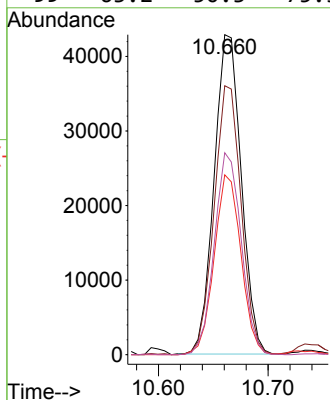
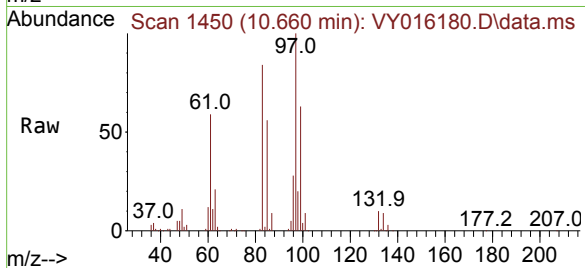
Ion Ratio Lower Upper

97 100

83 84.2 72.0 108.0

85 56.3 45.4 68.0

99 63.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 51.335 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

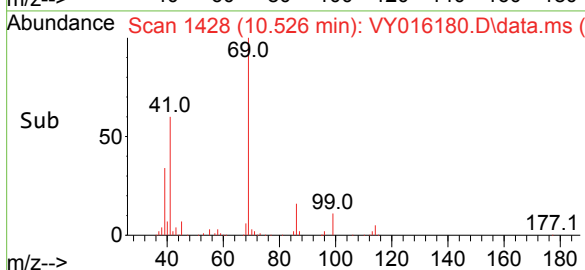
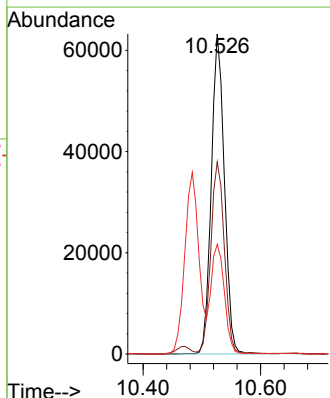
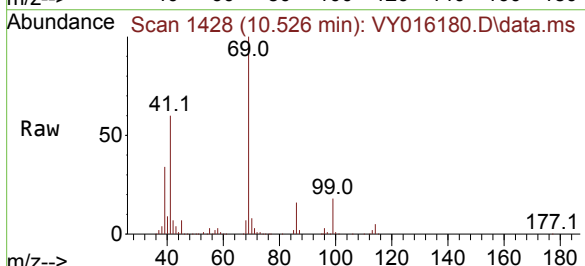
Tgt Ion: 69 Resp: 97842

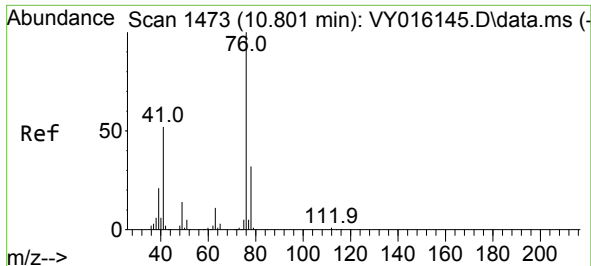
Ion Ratio Lower Upper

69 100

41 61.9 57.6 86.4

39 34.3 34.1 51.1

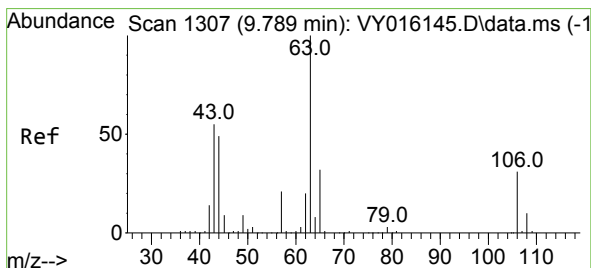
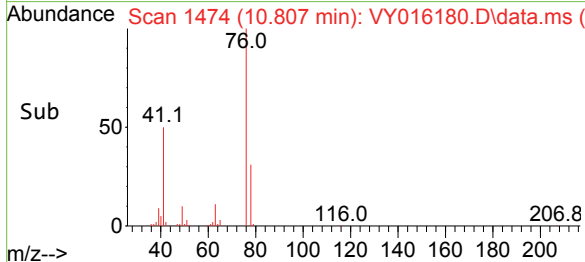
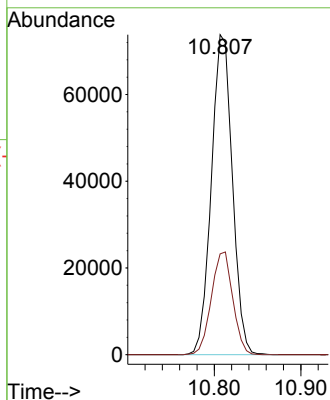
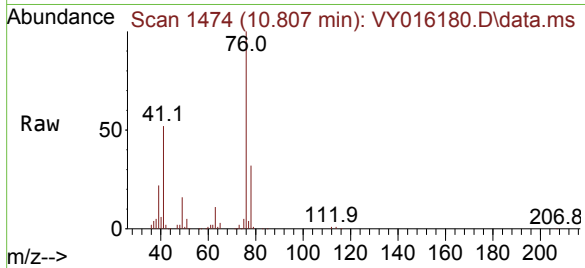




#57
1,3-Dichloropropane
Concen: 49.818 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

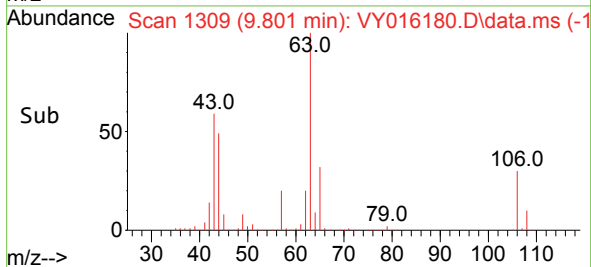
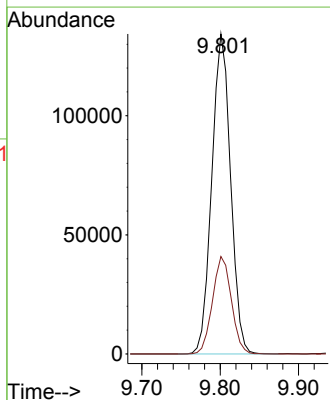
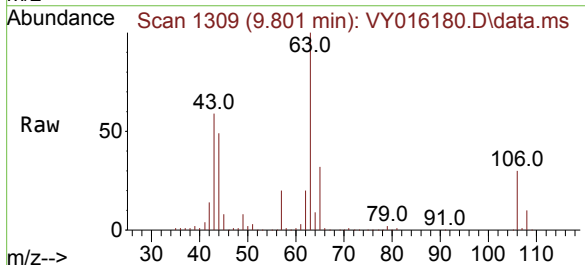
Instrument :
MSVOA_Y
ClientSampleId :

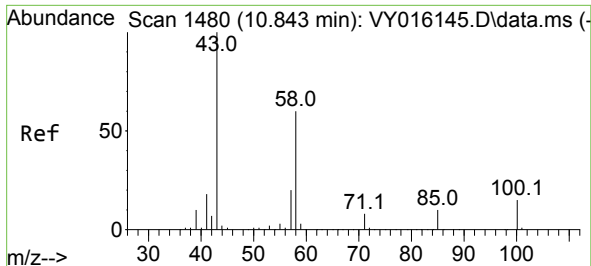
Tgt Ion: 76 Resp: 124465
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 242.436 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Tgt Ion: 63 Resp: 224062
Ion Ratio Lower Upper
63 100
106 30.6 21.2 31.8

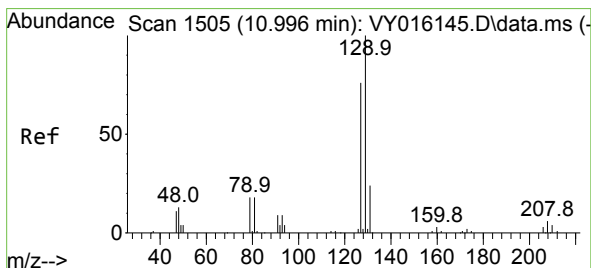
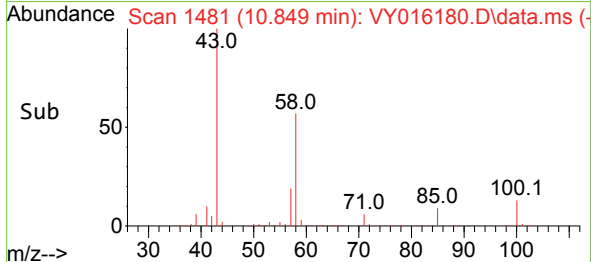
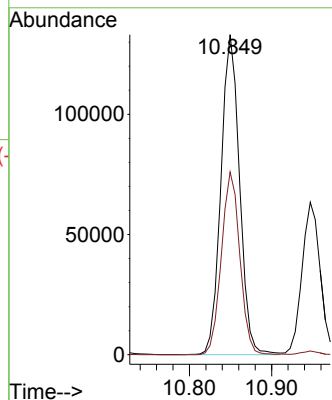
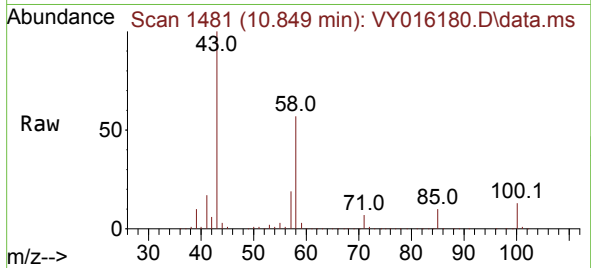




#59
2-Hexanone
Concen: 260.890 ug/l
RT: 10.849 min Scan# 1481
Delta R.T. 0.006 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

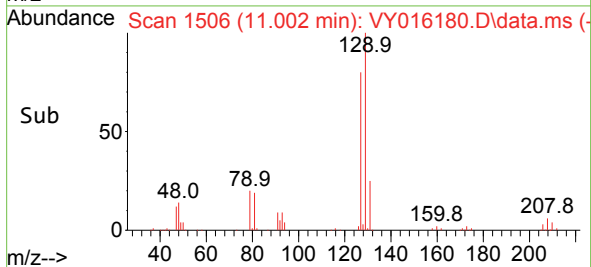
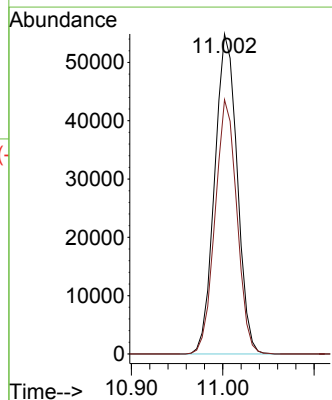
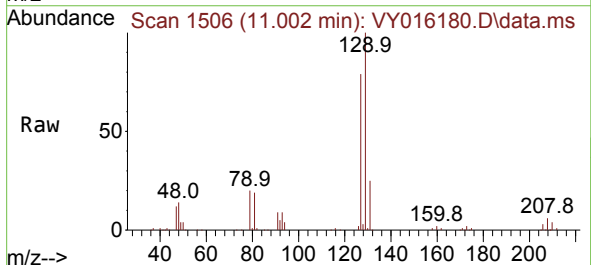
Instrument :
MSVOA_Y
ClientSampleId :

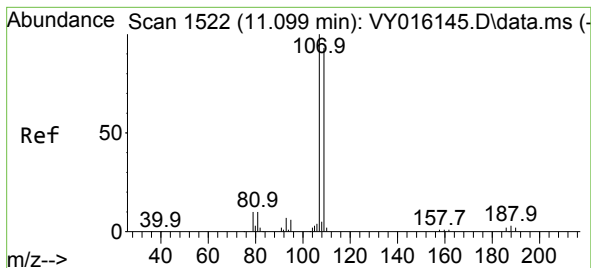
Tgt Ion: 43 Resp: 209294
Ion Ratio Lower Upper
43 100
58 56.6 25.1 75.3



#60
Dibromochloromethane
Concen: 50.937 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Tgt Ion:129 Resp: 93785
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

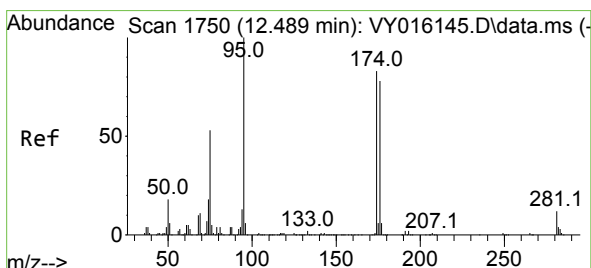
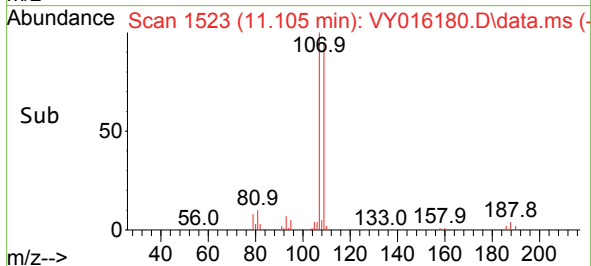
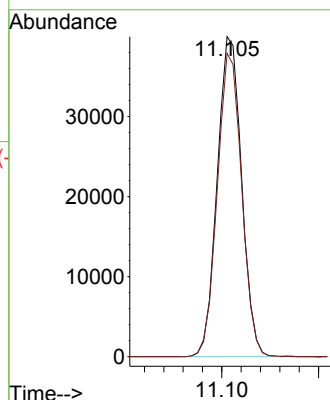
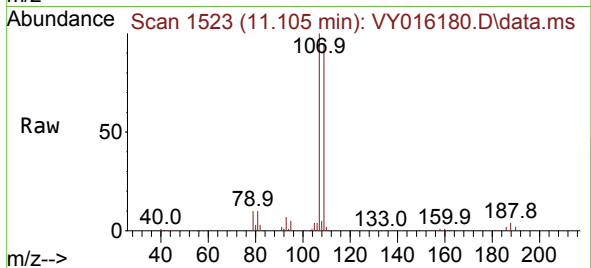




#61
1,2-Dibromoethane
Concen: 49.900 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

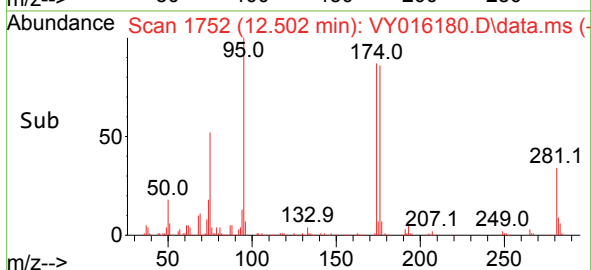
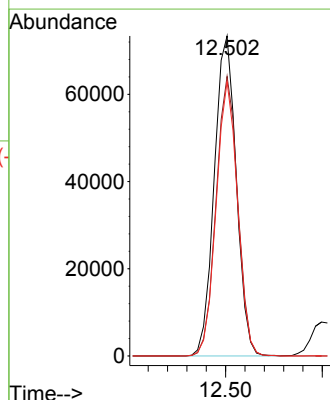
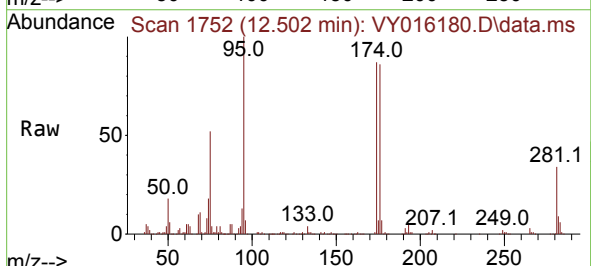
Instrument :
MSVOA_Y
ClientSampleId :

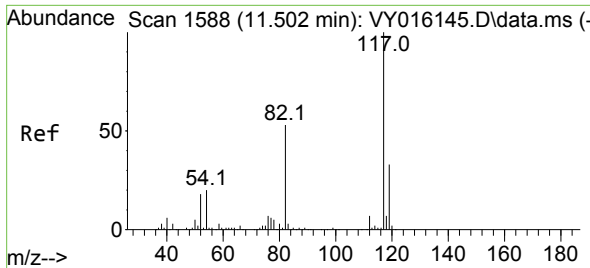
Tgt Ion:107 Resp: 69657
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.229 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

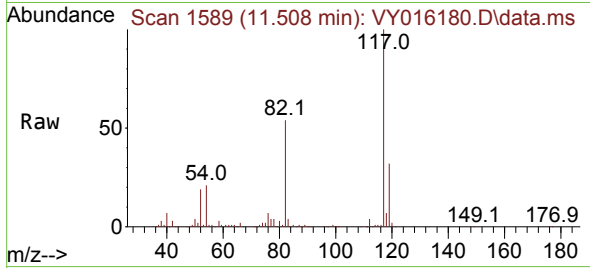
Tgt Ion: 95 Resp: 115589
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 83.4 0.0 173.8



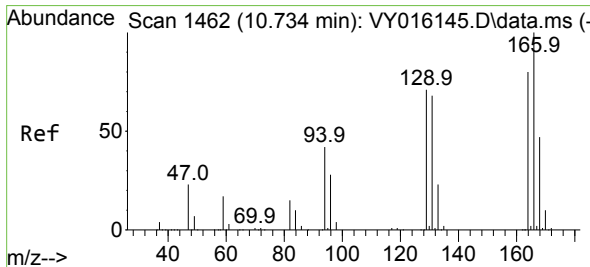
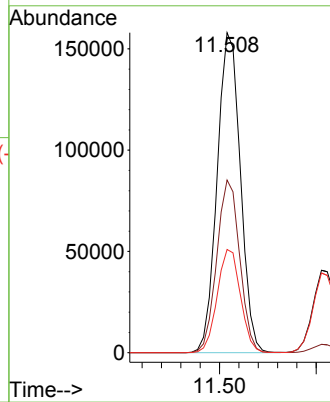
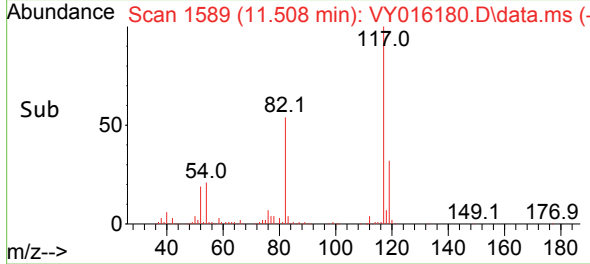


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

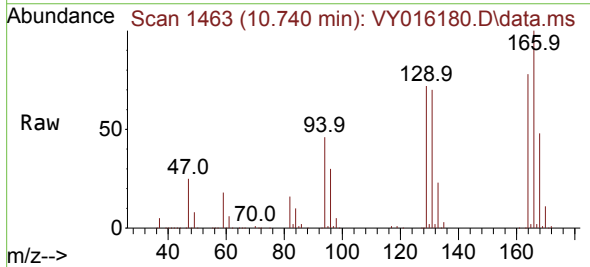
Instrument :
MSVOA_Y
ClientSampleId :



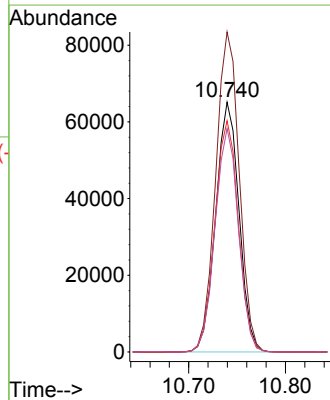
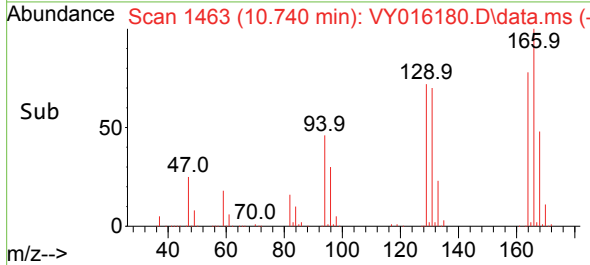
Tgt Ion:117 Resp: 263075
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.3 26.3 39.5

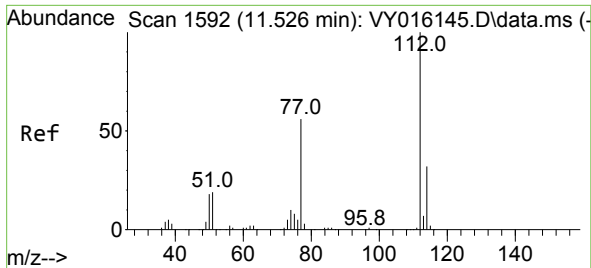


#64
Tetrachloroethene
Concen: 46.627 ug/l
RT: 10.740 min Scan# 1463
Delta R.T. 0.006 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57



Tgt Ion:164 Resp: 109108
Ion Ratio Lower Upper
164 100
166 128.1 103.0 154.6
129 92.6 77.2 115.8
131 89.4 69.6 104.4

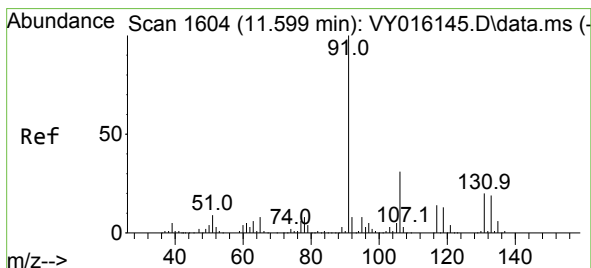
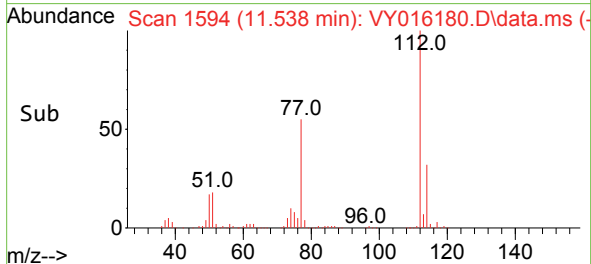
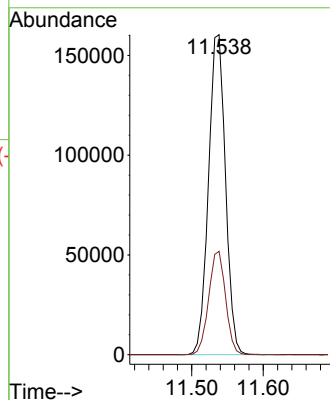
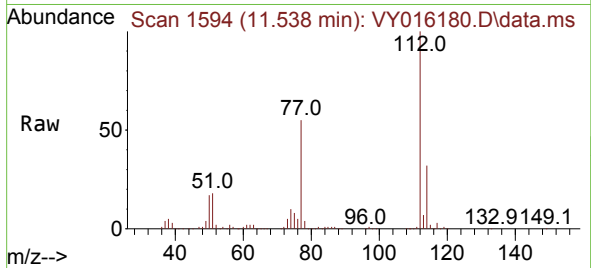




#65
Chlorobenzene
Concen: 50.650 ug/l
RT: 11.538 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

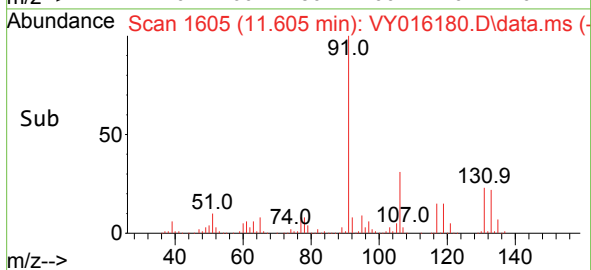
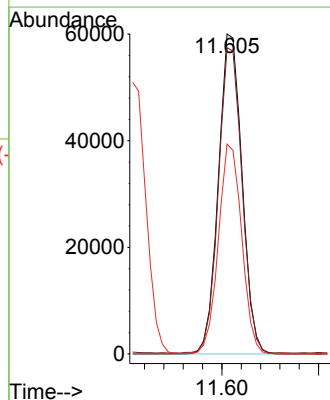
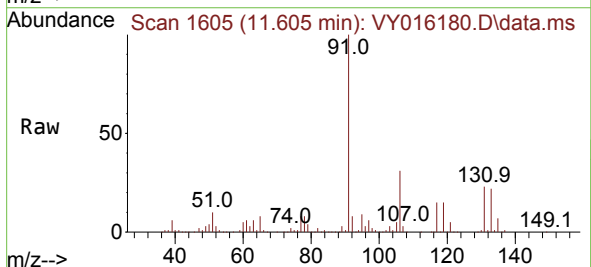
Instrument :
MSVOA_Y
ClientSampleId :

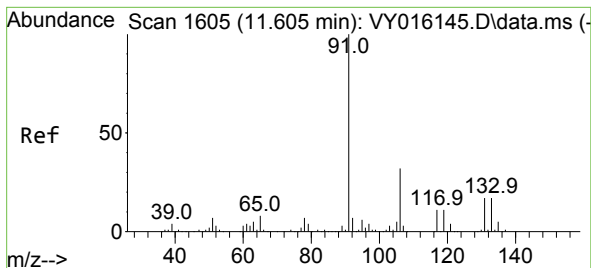
Tgt Ion:112 Resp: 264733
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.461 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Tgt Ion:131 Resp: 101559
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 64.9 31.6 94.7





#67

Ethyl Benzene

Concen: 51.776 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.006 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

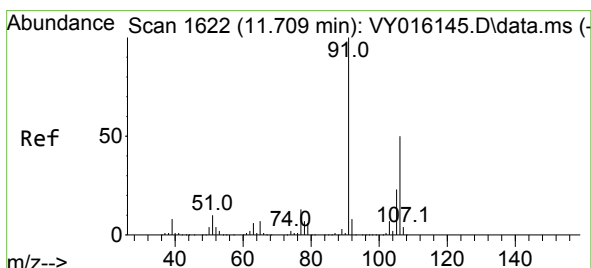
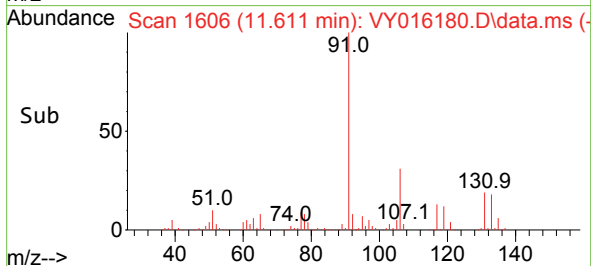
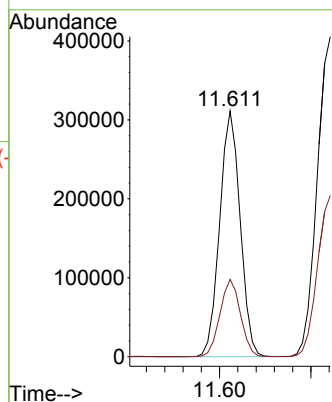
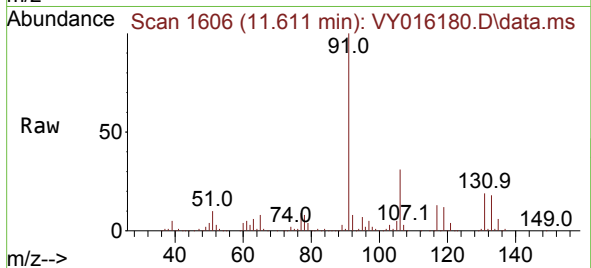
ClientSampleId :

Tgt Ion: 91 Resp: 484025

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 103.718 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016180.D

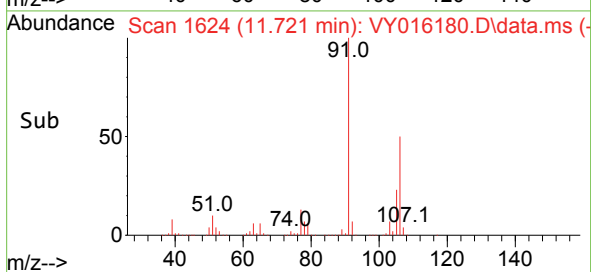
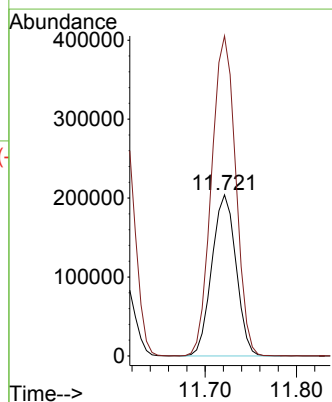
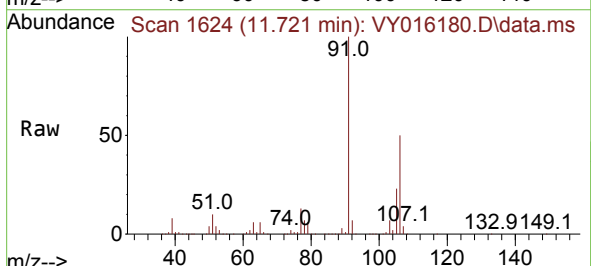
Acq: 02 Nov 2023 09:57

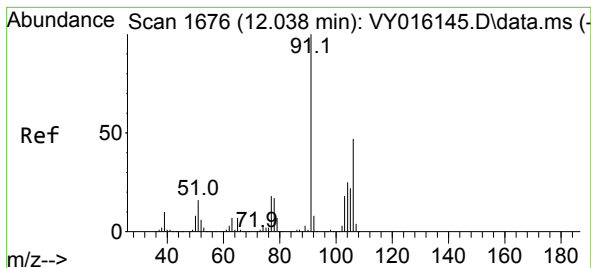
Tgt Ion:106 Resp: 374675

Ion Ratio Lower Upper

106 100

91 198.8 166.1 249.1





#69

o-Xylene

Concen: 51.656 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

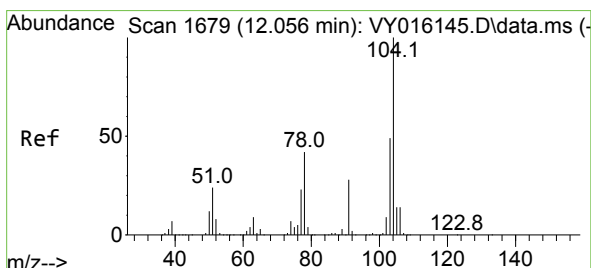
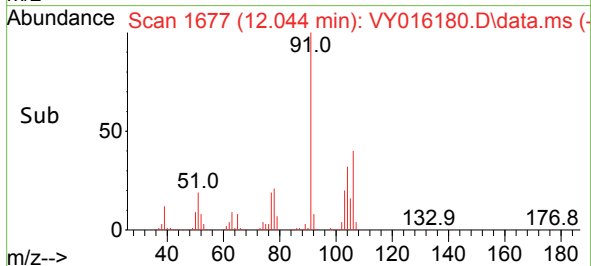
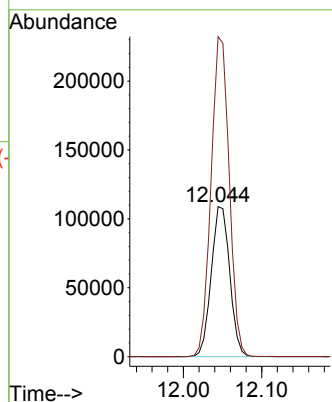
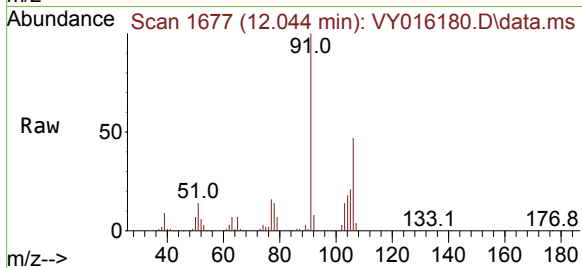
ClientSampleId :

Tgt Ion:106 Resp: 178167

Ion Ratio Lower Upper

106 100

91 210.0 108.1 324.3



#70

Styrene

Concen: 51.044 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

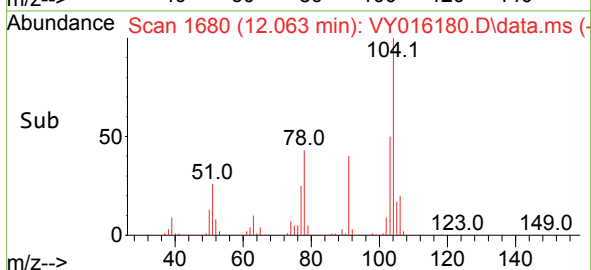
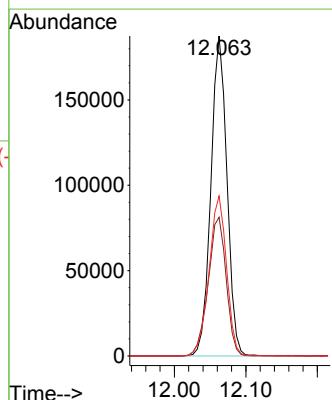
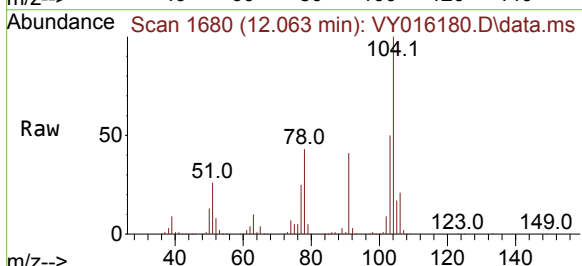
Tgt Ion:104 Resp: 292674

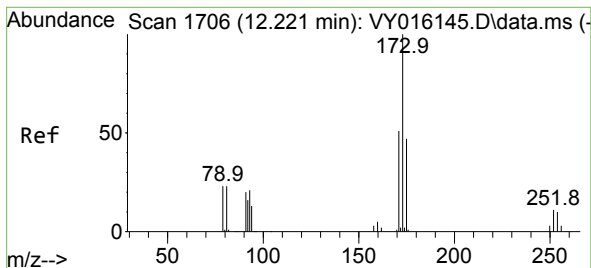
Ion Ratio Lower Upper

104 100

78 48.6 41.5 62.3

103 54.3 44.6 67.0





#71

Bromoform

Concen: 52.305 ug/l

RT: 12.227 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016180.D

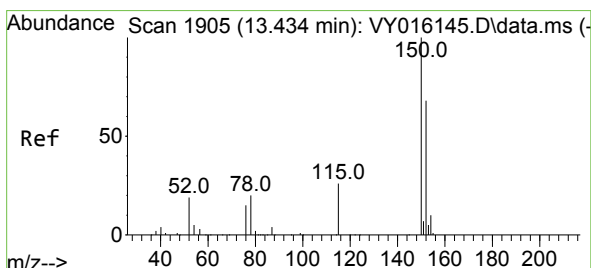
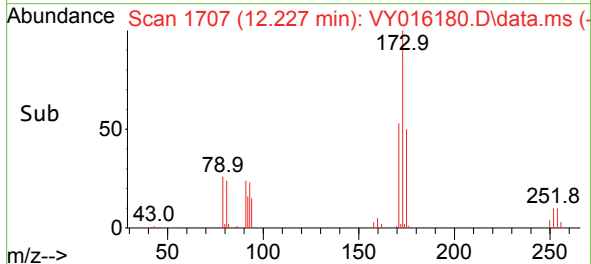
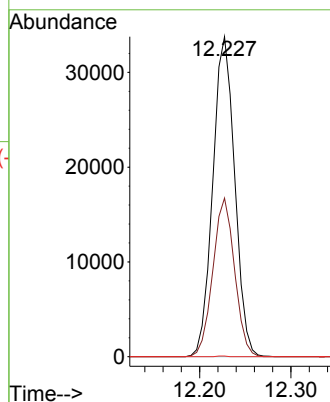
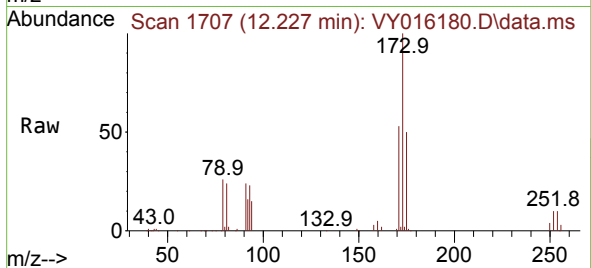
Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	56174
Ion Ratio	Lower	Upper
173	100	
175	49.1	24.6 73.8
254	0.1	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

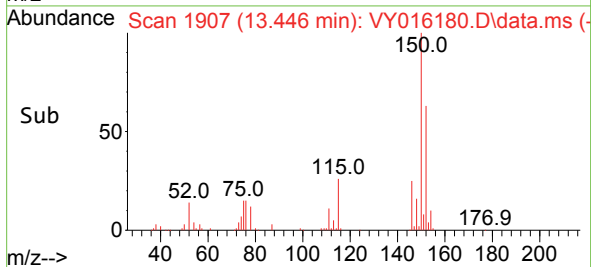
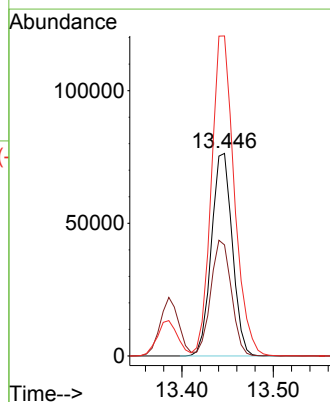
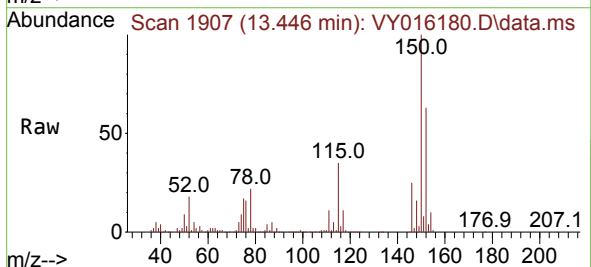
RT: 13.446 min Scan# 1907

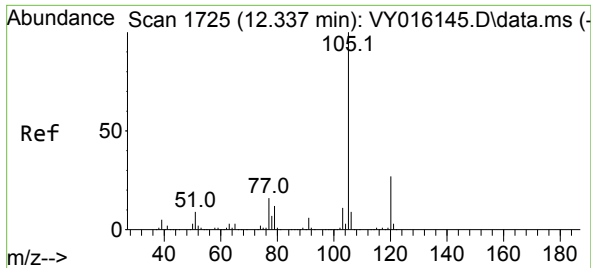
Delta R.T. 0.012 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Tgt Ion:152	Resp:	121090
Ion Ratio	Lower	Upper
152	100	
115	56.3	28.8 86.5
150	173.3	0.0 348.8

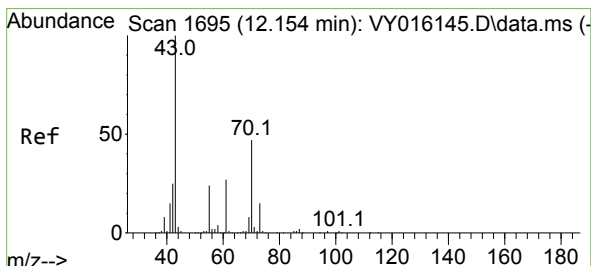
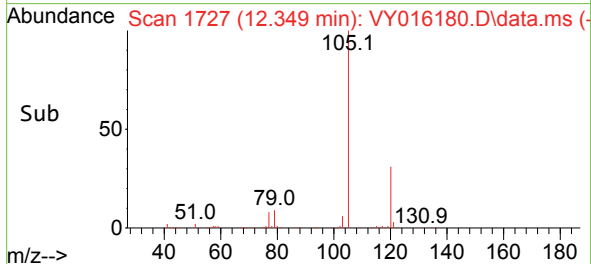
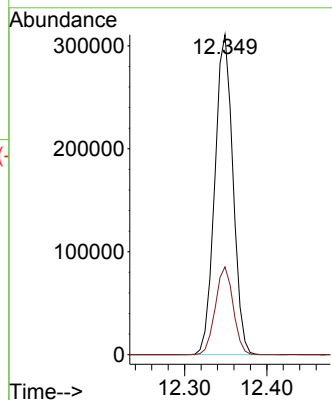
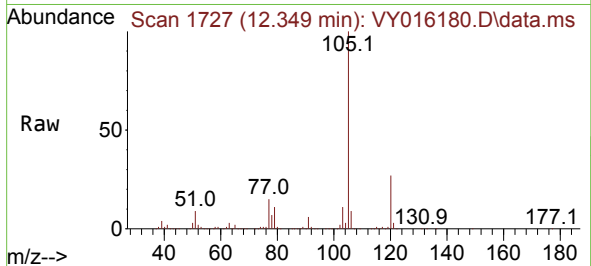




#73
Isopropylbenzene
Concen: 52.380 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

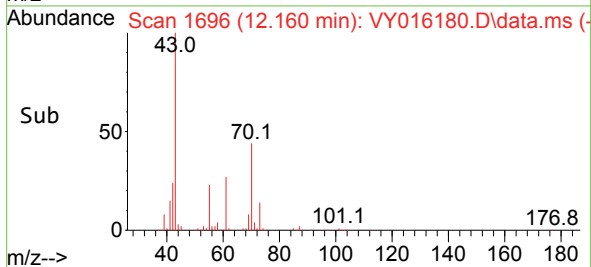
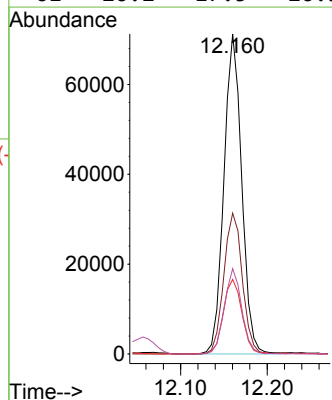
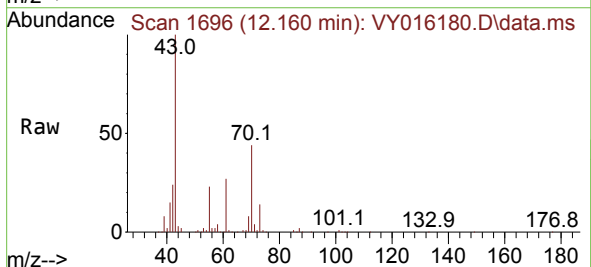
Instrument :
MSVOA_Y
ClientSampleId :

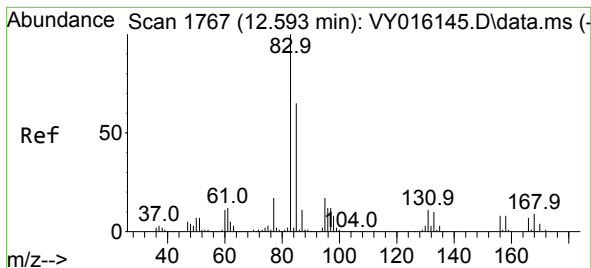
Tgt Ion:105 Resp: 475783
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9



#74
N-ethyl acetate
Concen: 51.468 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Tgt Ion: 43 Resp: 101591
Ion Ratio Lower Upper
43 100
70 45.9 29.7 44.5#
55 24.3 18.3 27.5
61 26.2 17.5 26.3

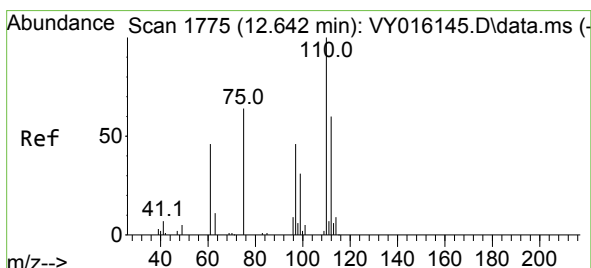
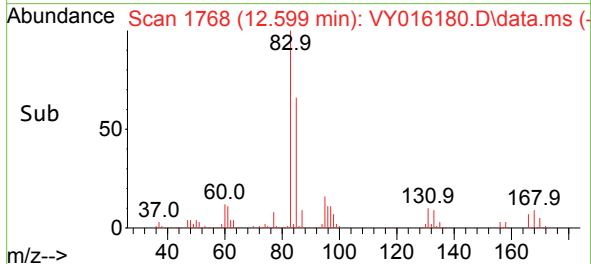
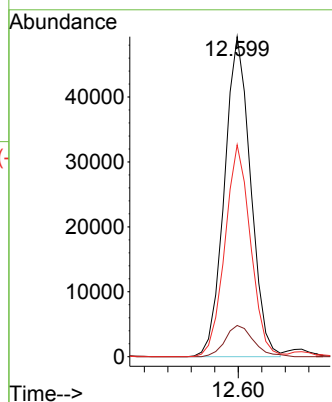
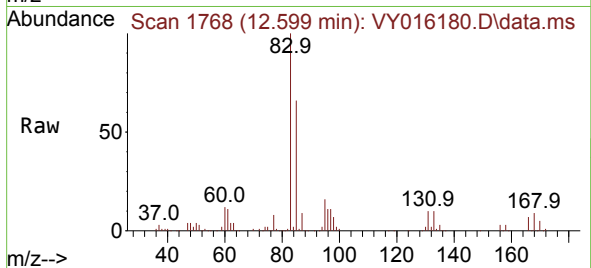




#75
1,1,2,2-Tetrachloroethane
Concen: 52.758 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

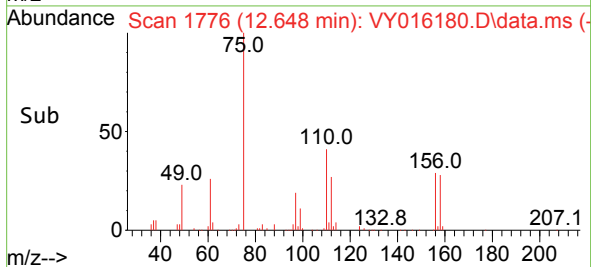
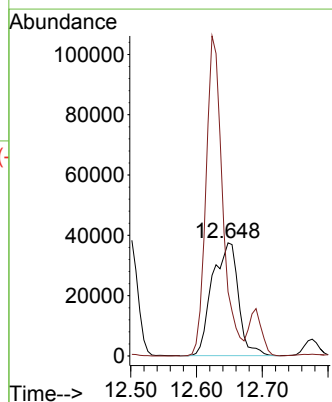
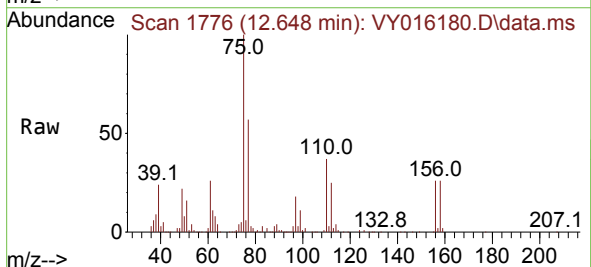
Instrument :
MSVOA_Y
ClientSampleId :

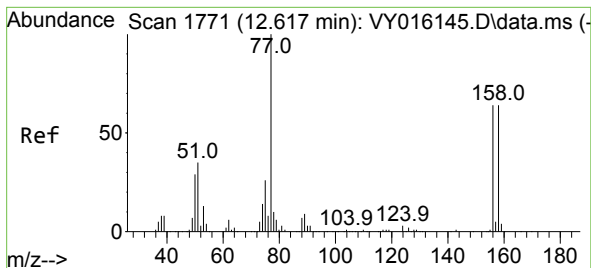
Tgt Ion:	83	Resp:	76255
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	65.1	31.8	95.4



#76
1,2,3-Trichloropropane
Concen: 90.731 ug/l
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Tgt Ion:	75	Resp:	103462
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.234 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

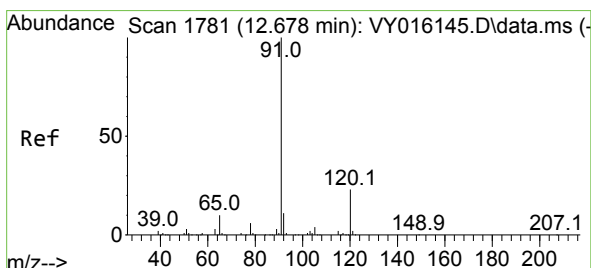
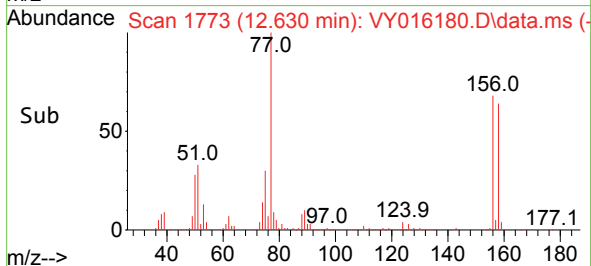
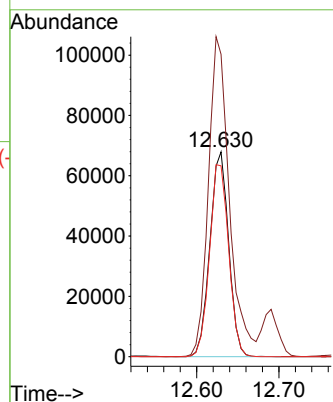
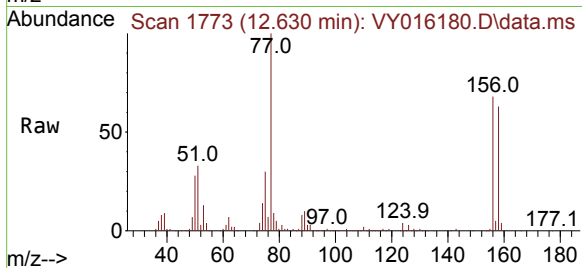
Tgt Ion:156 Resp: 107432

Ion Ratio Lower Upper

156 100

77 174.7 92.8 278.6

158 95.9 48.4 145.3



#78

n-propylbenzene

Concen: 52.238 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016180.D

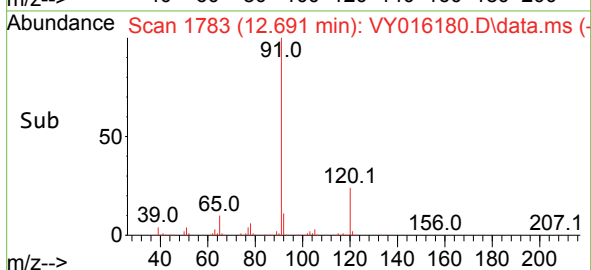
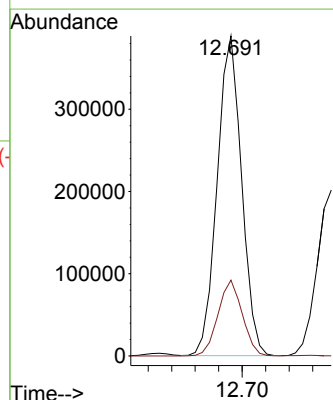
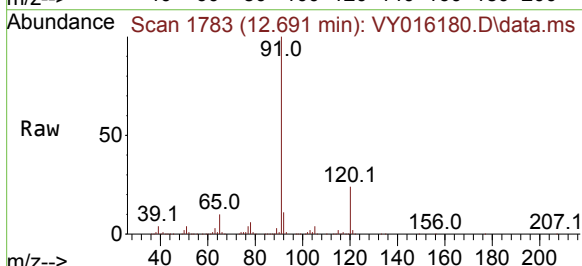
Acq: 02 Nov 2023 09:57

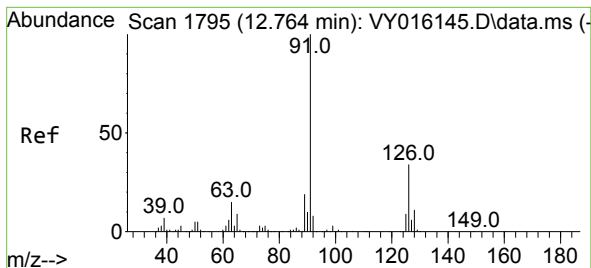
Tgt Ion: 91 Resp: 560975

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.715 ug/l

RT: 12.776 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

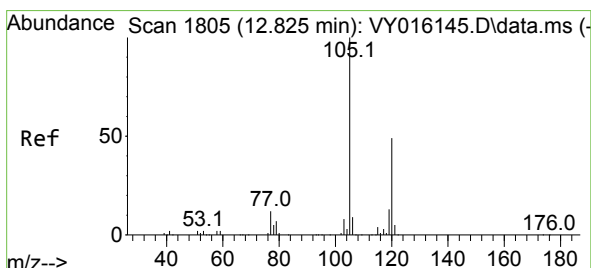
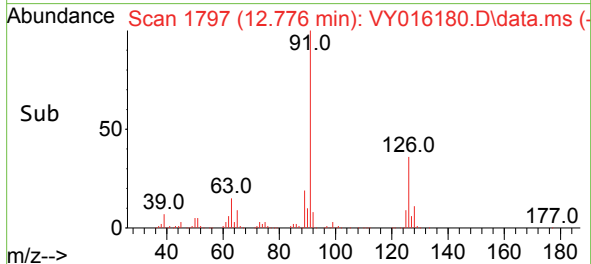
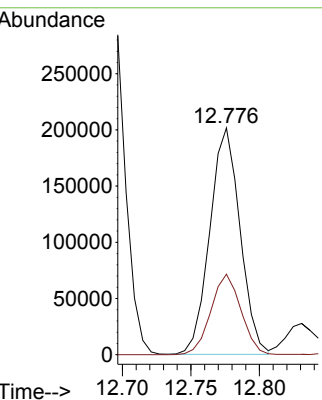
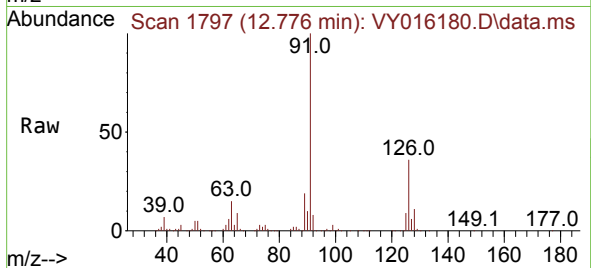
ClientSampleId :

Tgt Ion: 91 Resp: 309747

Ion Ratio Lower Upper

91 100

126 35.3 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 51.736 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VY016180.D

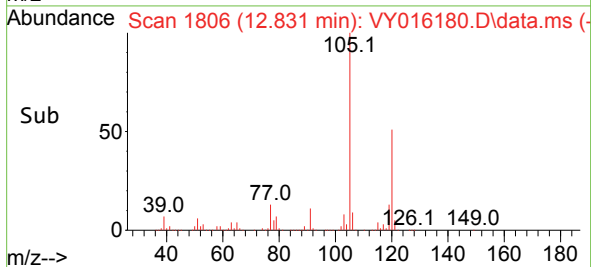
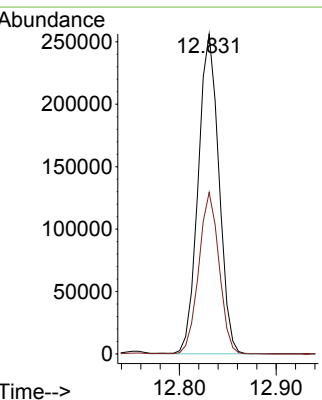
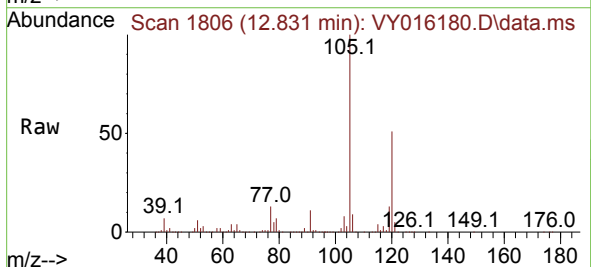
Acq: 02 Nov 2023 09:57

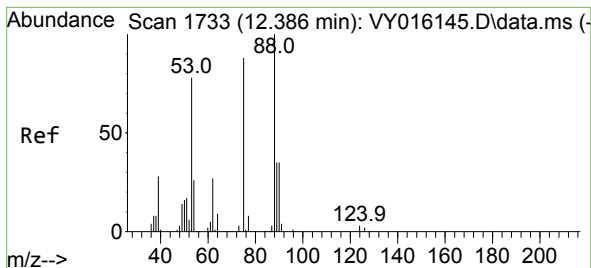
Tgt Ion:105 Resp: 380726

Ion Ratio Lower Upper

105 100

120 49.6 23.9 71.7

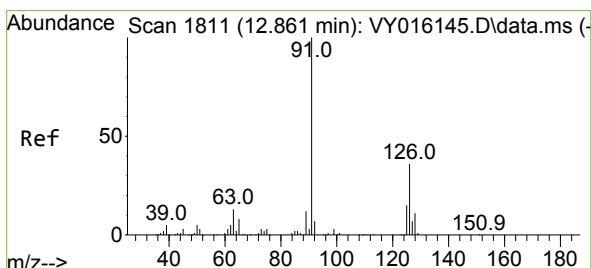
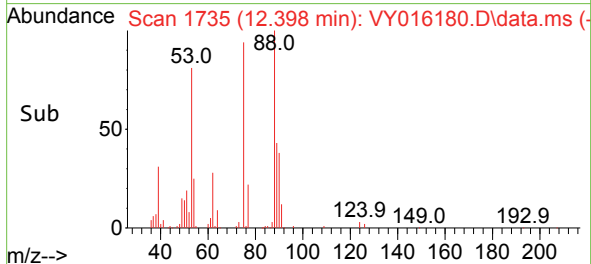
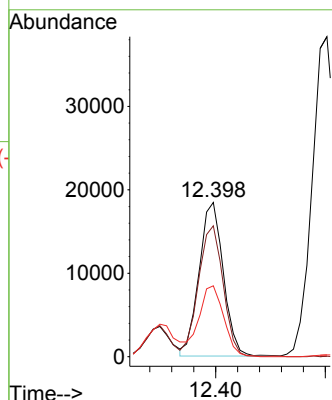
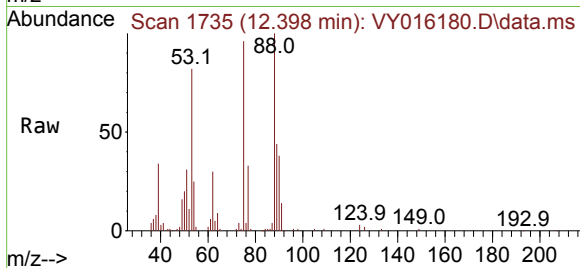




#81
trans-1,4-Dichloro-2-butene
Concen: 53.637 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

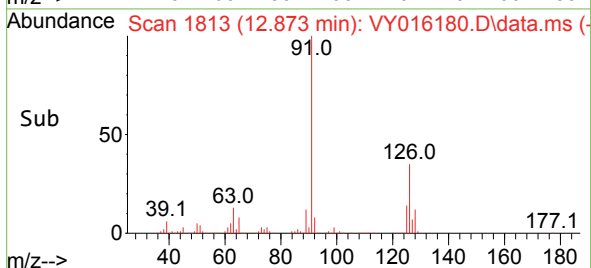
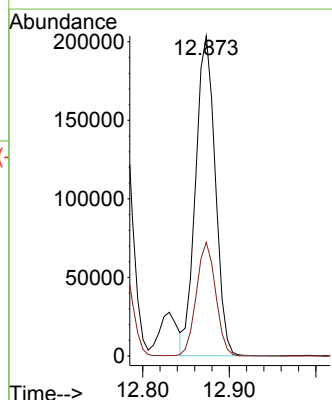
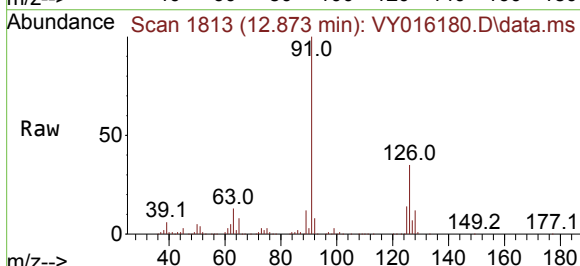
Instrument :
MSVOA_Y
ClientSampleId :

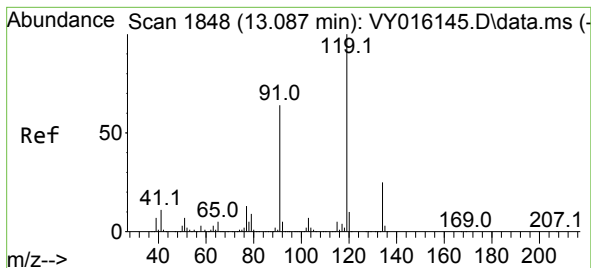
Tgt Ion: 75 Resp: 28209
Ion Ratio Lower Upper
75 100
53 86.3 77.8 116.8
89 49.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 52.031 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016180.D
Acq: 02 Nov 2023 09:57

Tgt Ion: 91 Resp: 320012
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.893 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

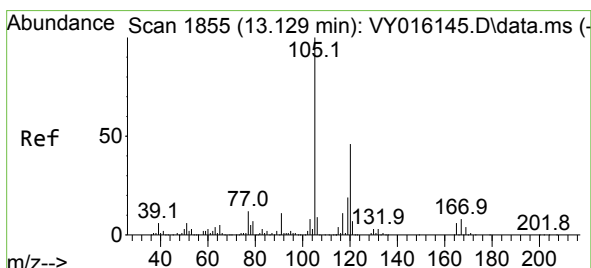
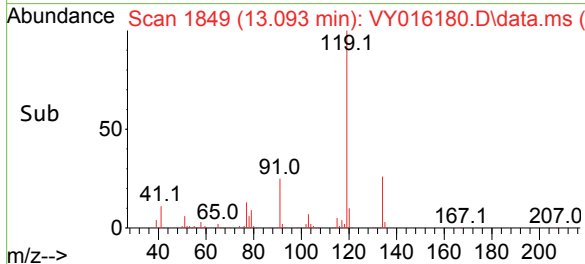
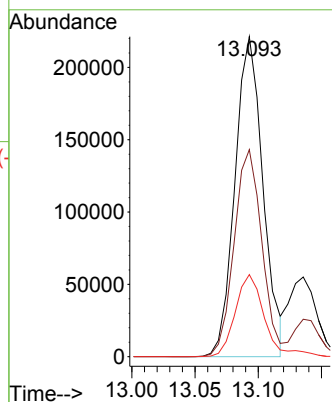
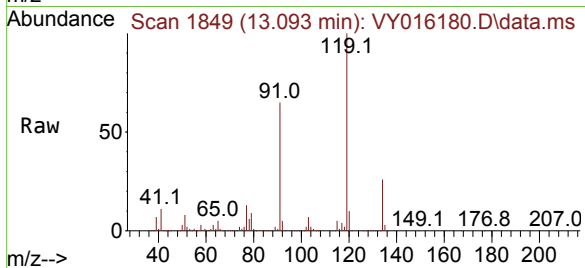
Tgt Ion:119 Resp: 341689

Ion Ratio Lower Upper

119 100

91 63.9 32.9 98.6

134 26.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.764 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016180.D

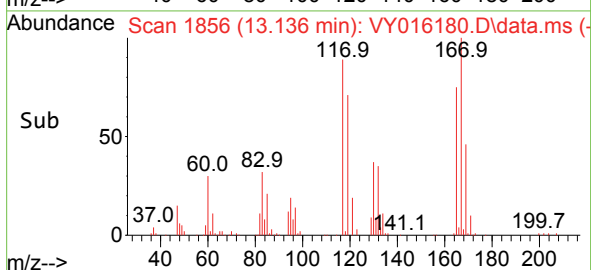
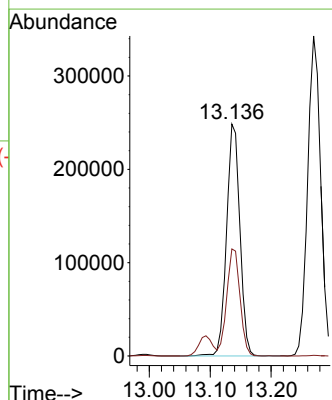
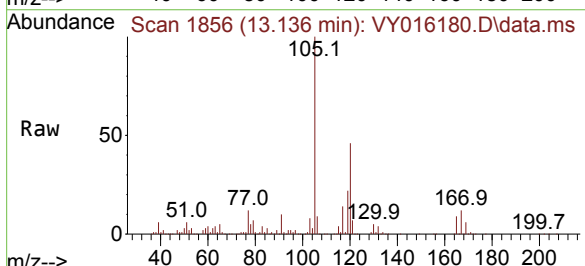
Acq: 02 Nov 2023 09:57

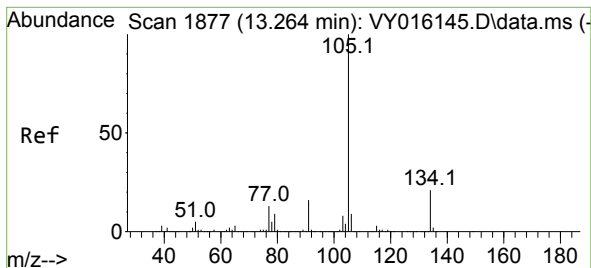
Tgt Ion:105 Resp: 376934

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 52.475 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

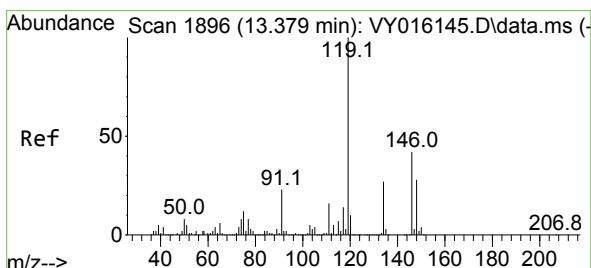
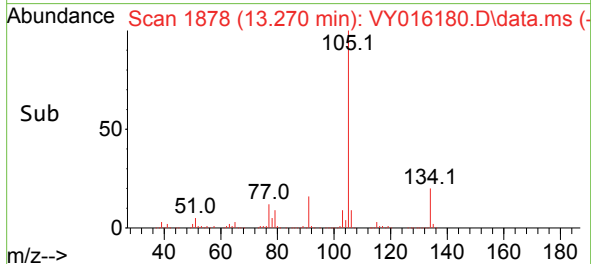
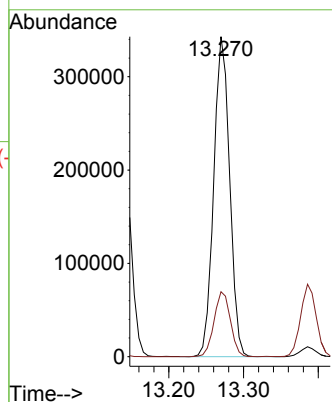
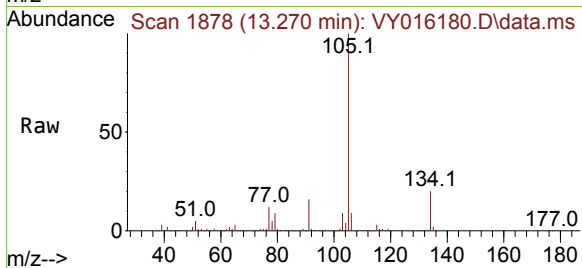
ClientSampleId :

Tgt Ion:105 Resp: 507132

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.091 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

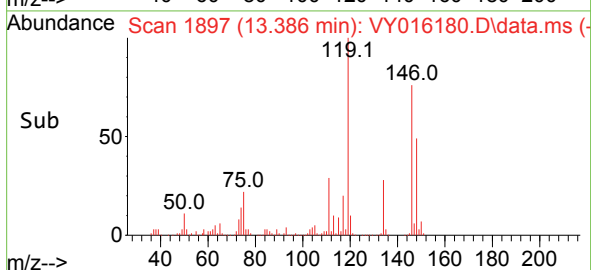
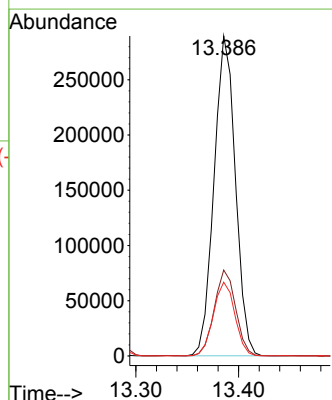
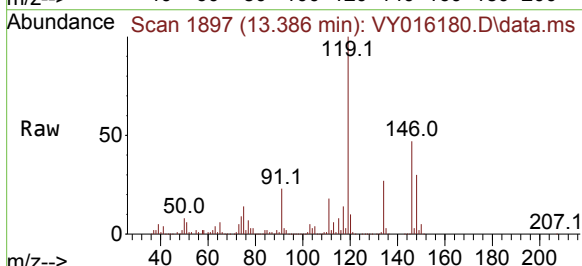
Tgt Ion:119 Resp: 417231

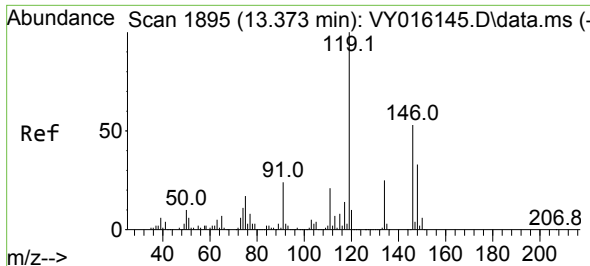
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

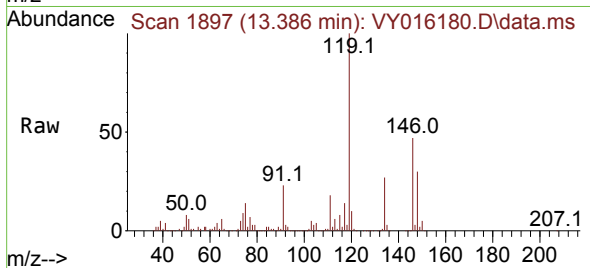
91 23.2 12.4 37.4



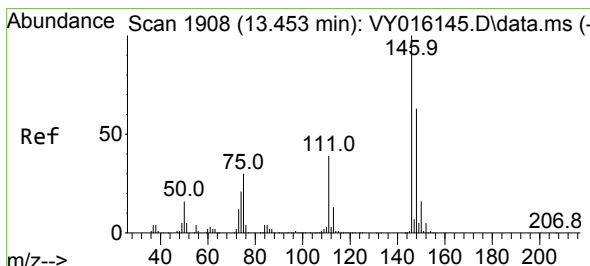
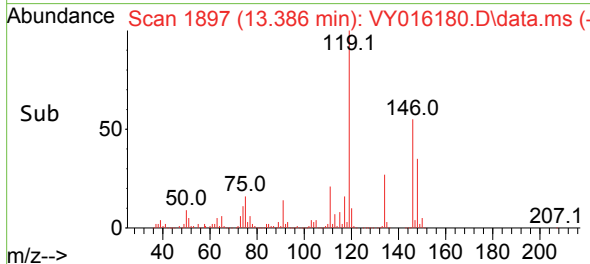
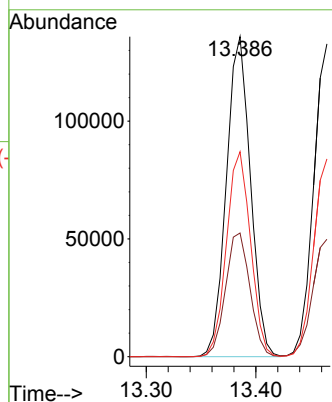


#87
 1,3-Dichlorobenzene
 Concen: 50.957 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.012 min
 Lab File: VY016180.D
 Acq: 02 Nov 2023 09:57

Instrument :
 MSVOA_Y
 ClientSampleId :

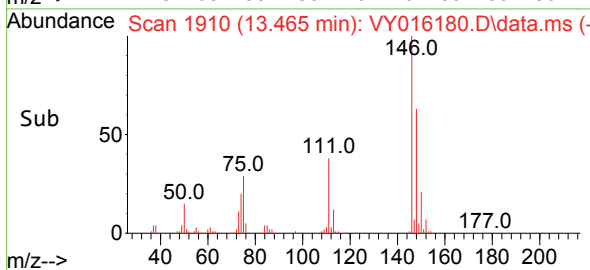
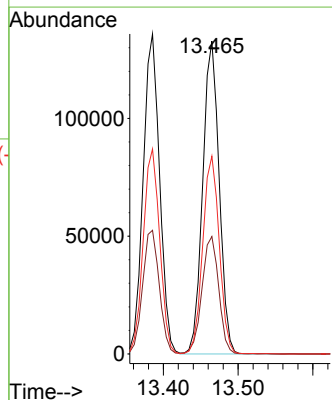
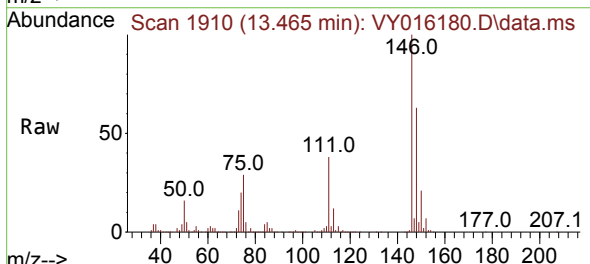


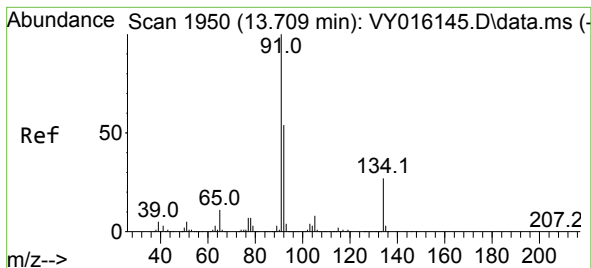
Tgt Ion:146 Resp: 207278
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.4 58.2
 148 64.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.487 ug/l
 RT: 13.465 min Scan# 1910
 Delta R.T. 0.012 min
 Lab File: VY016180.D
 Acq: 02 Nov 2023 09:57

Tgt Ion:146 Resp: 202975
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.7
 148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 51.914 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

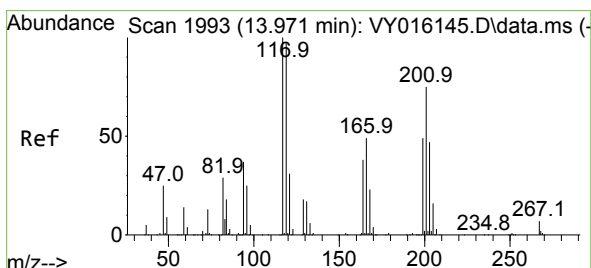
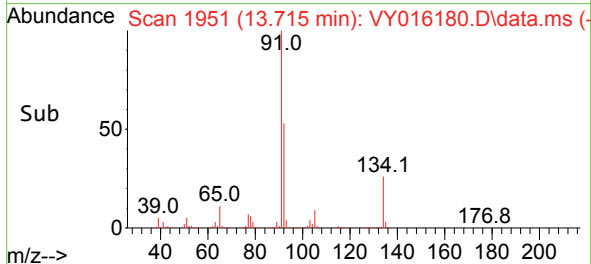
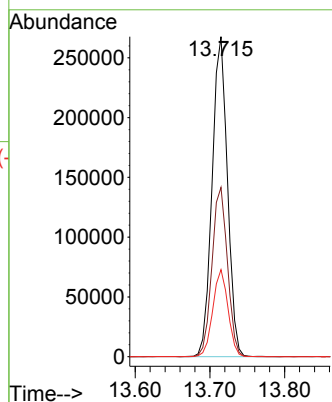
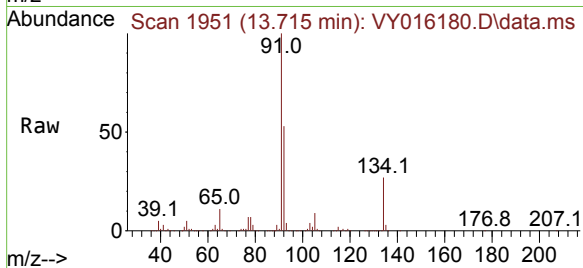
Tgt Ion: 91 Resp: 382065

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 27.0 12.6 37.6



#90

Hexachloroethane

Concen: 55.765 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016180.D

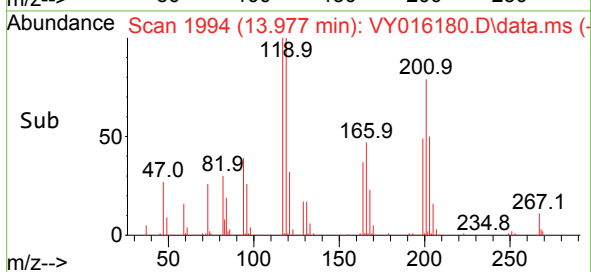
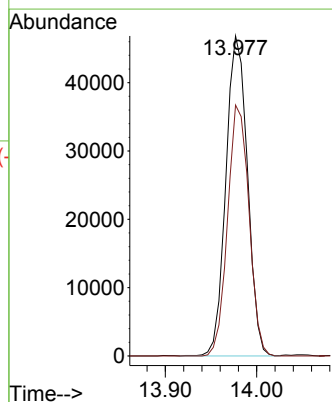
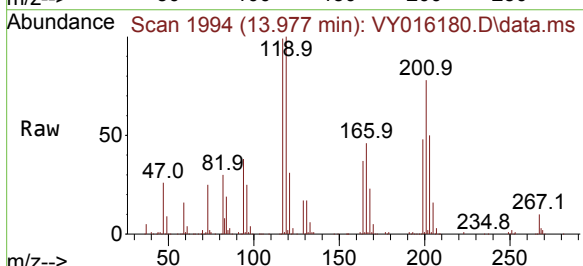
Acq: 02 Nov 2023 09:57

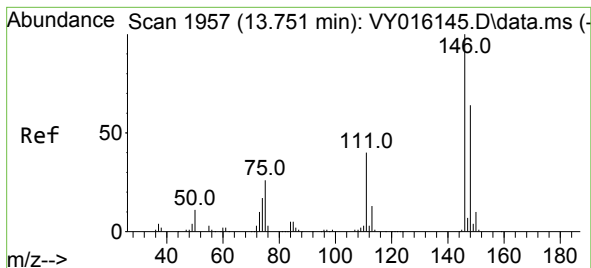
Tgt Ion: 117 Resp: 76972

Ion Ratio Lower Upper

117 100

201 77.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.578 ug/l

RT: 13.757 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

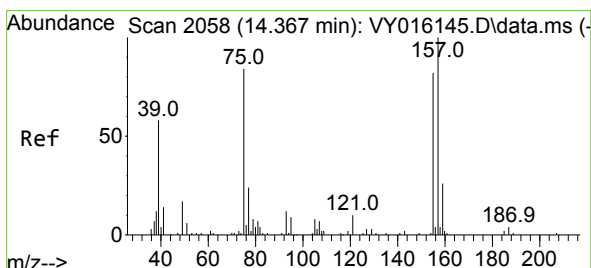
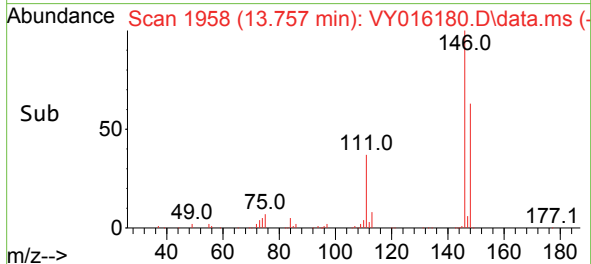
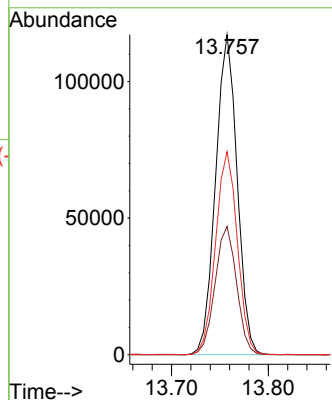
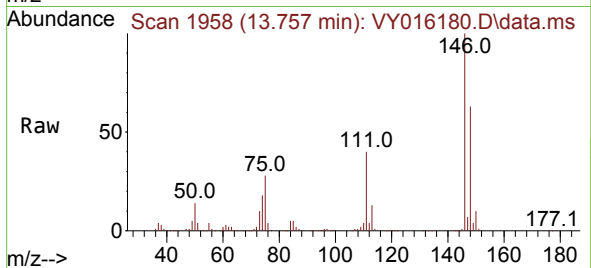
Tgt Ion:146 Resp: 181273

Ion Ratio Lower Upper

146 100

111 40.2 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.527 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

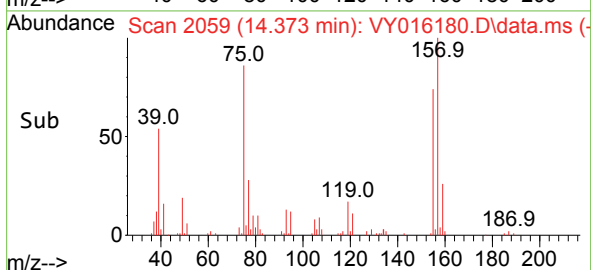
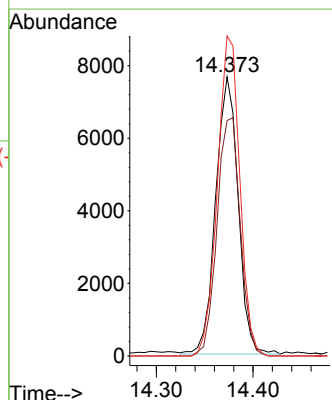
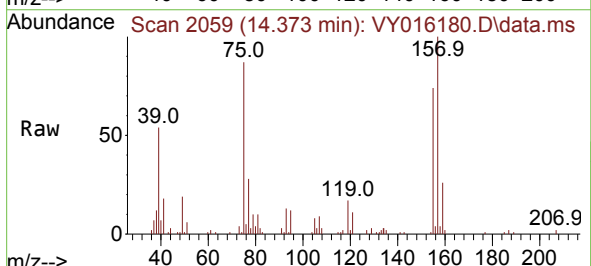
Tgt Ion: 75 Resp: 12294

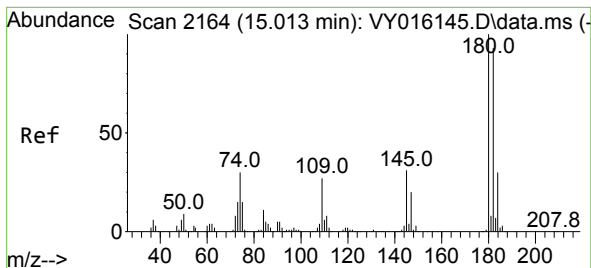
Ion Ratio Lower Upper

75 100

155 88.9 41.5 124.6

157 115.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.723 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

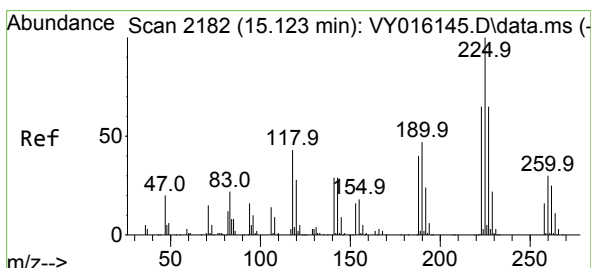
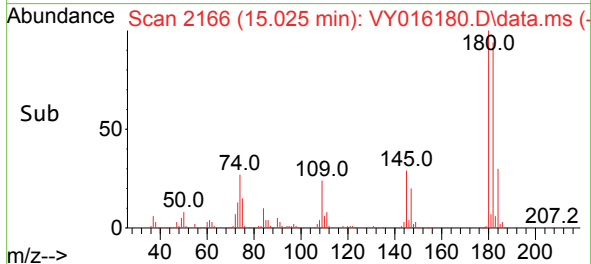
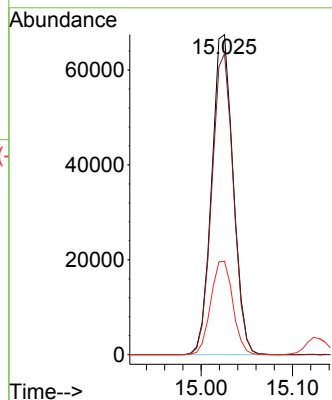
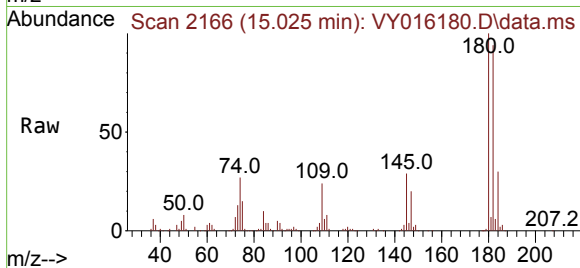
Tgt Ion:180 Resp: 110029

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.2

145 30.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 53.649 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

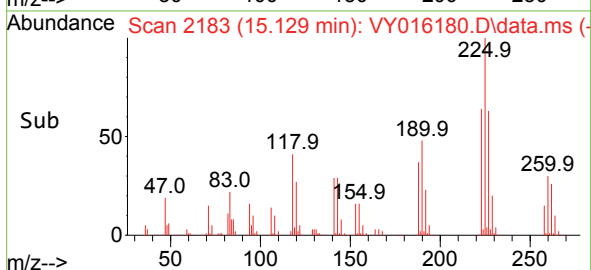
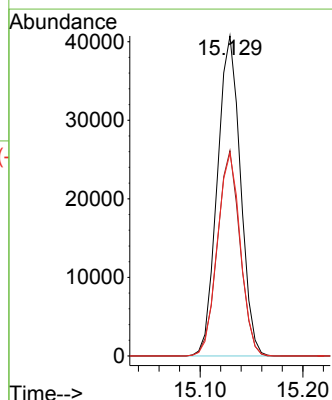
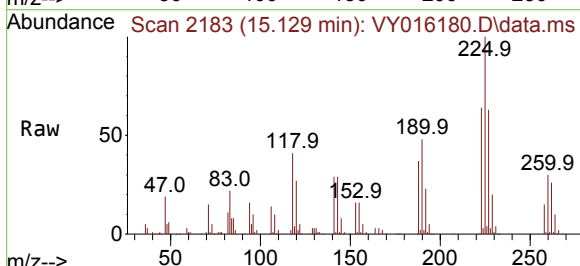
Tgt Ion:225 Resp: 63594

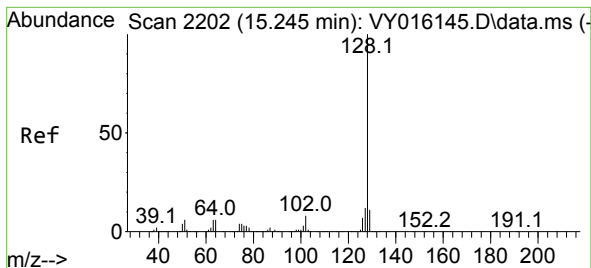
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

227 63.0 33.0 98.9





#95

Naphthalene

Concen: 48.358 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

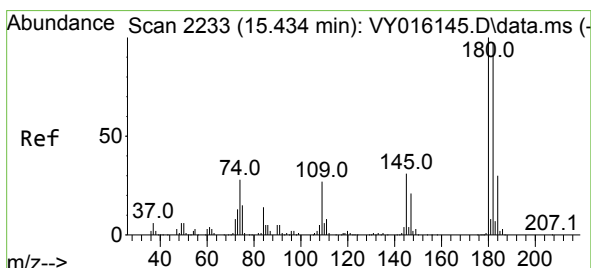
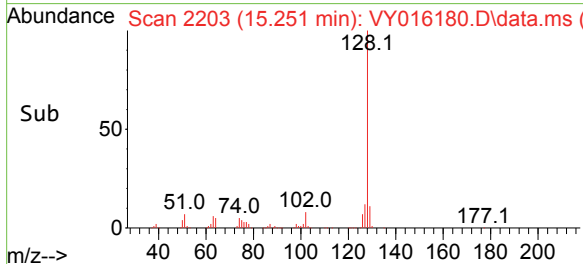
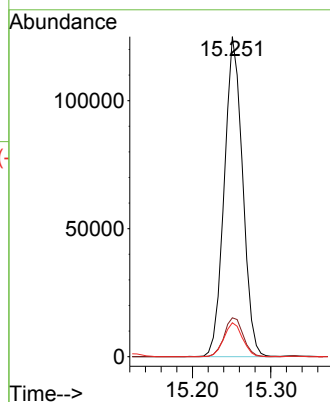
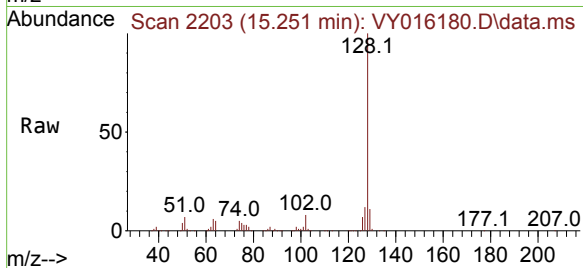
Tgt Ion:128 Resp: 203785

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.786 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016180.D

Acq: 02 Nov 2023 09:57

Tgt Ion:180 Resp: 90402

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.8

145 33.1 15.4 46.2

