

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016378.D
 Acq On : 16 Nov 2023 08:59
 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 17 04:00:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	159536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	246282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	212467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	98061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	69760	47.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.680%
35) Dibromofluoromethane	7.734	113	76707	54.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.660%
50) Toluene-d8	10.191	98	301786	53.193	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.380%
62) 4-Bromofluorobenzene	12.489	95	93448	50.714	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	72806	46.607	ug/l	97
3) Chloromethane	2.119	50	80905	44.223	ug/l	100
4) Vinyl Chloride	2.259	62	89153	45.318	ug/l	94
5) Bromomethane	2.662	94	56136	43.420	ug/l	99
6) Chloroethane	2.808	64	59029	47.024	ug/l	97
7) Trichlorofluoromethane	3.137	101	144236	50.395	ug/l	99
8) Diethyl Ether	3.540	74	40568	47.425	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.918	101	86355	50.094	ug/l	94
10) Methyl Iodide	4.113	142	93568	50.257	ug/l	98
11) Tert butyl alcohol	4.978	59	20830	182.431	ug/l #	80
12) 1,1-Dichloroethene	3.887	96	79653	49.407	ug/l	87
13) Acrolein	3.747	56	24068	174.758	ug/l	98
14) Allyl chloride	4.497	41	108303	47.340	ug/l #	92
15) Acrylonitrile	5.180	53	76808	226.258	ug/l	99
16) Acetone	3.960	43	59396	246.265	ug/l #	85
17) Carbon Disulfide	4.216	76	232773	47.854	ug/l	100
18) Methyl Acetate	4.497	43	61501	47.988	ug/l #	88
19) Methyl tert-butyl Ether	5.234	73	183517	47.032	ug/l	99
20) Methylene Chloride	4.735	84	82719	48.440	ug/l	89
21) trans-1,2-Dichloroethene	5.241	96	91195	49.129	ug/l	93
22) Diisopropyl ether	6.137	45	236931	48.055	ug/l #	86
23) Vinyl Acetate	6.076	43	540790	226.365	ug/l #	92
24) 1,1-Dichloroethane	6.033	63	150416	49.452	ug/l	97
25) 2-Butanone	7.002	43	93660	221.706	ug/l	92
26) 2,2-Dichloropropane	6.996	77	139804	50.501	ug/l	96
27) cis-1,2-Dichloroethene	7.002	96	98543	49.261	ug/l	92
28) Bromochloromethane	7.350	49	57816	51.359	ug/l	86
29) Tetrahydrofuran	7.362	42	60522	216.748	ug/l	88
30) Chloroform	7.521	83	158600	50.094	ug/l	93
31) Cyclohexane	7.801	56	131784	45.906	ug/l	89
32) 1,1,1-Trichloroethane	7.716	97	150262	51.775	ug/l	97
36) 1,1-Dichloropropene	7.935	75	126061	51.892	ug/l	99
37) Ethyl Acetate	7.088	43	43650	44.470	ug/l #	95
38) Carbon Tetrachloride	7.917	117	138404	54.895	ug/l	99
39) Methylcyclohexane	9.197	83	157673	52.088	ug/l	92
40) Benzene	8.173	78	353397	51.778	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	25097	50.710	ug/l #	91
42) 1,2-Dichloroethane	8.252	62	89371	50.537	ug/l	93
43) Isopropyl Acetate	8.283	43	86366	45.520	ug/l #	88
44) Trichloroethene	8.953	130	102349	52.178	ug/l	93
45) 1,2-Dichloropropane	9.228	63	83984	51.237	ug/l	98
46) Dibromomethane	9.319	93	44788	50.423	ug/l	97
47) Bromodichloromethane	9.508	83	117618	51.506	ug/l	98
48) Methyl methacrylate	9.307	41	49609	47.310	ug/l	84
49) 1,4-Dioxane	9.313	88	7853	832.760	ug/l #	52
51) 4-Methyl-2-Pentanone	10.081	43	219961	229.261	ug/l	91
52) Toluene	10.258	92	226516	52.502	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	110543	49.934	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	135940	51.413	ug/l #	88
55) 1,1,2-Trichloroethane	10.654	97	63307	51.710	ug/l	95
56) Ethyl methacrylate	10.520	69	56674	49.039	ug/l #	82
57) 1,3-Dichloropropane	10.801	76	104756	50.197	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	197992	252.659	ug/l	93
59) 2-Hexanone	10.843	43	155371	217.713	ug/l	88
60) Dibromochloromethane	10.996	129	79623	52.002	ug/l	99
61) 1,2-Dibromoethane	11.099	107	57837	49.587	ug/l	99
64) Tetrachloroethene	10.734	164	100082	52.461	ug/l	98
65) Chlorobenzene	11.526	112	236717	52.147	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	89029	53.174	ug/l	99
67) Ethyl Benzene	11.605	91	432868	53.060	ug/l	97
68) m/p-Xylenes	11.709	106	329534	106.498	ug/l	94
69) o-Xylene	12.038	106	150524	52.394	ug/l	98
70) Styrene	12.050	104	218645	53.150	ug/l	98
71) Bromoform	12.215	173	44969	51.762	ug/l #	99
73) Isopropylbenzene	12.337	105	420116	52.906	ug/l	99
74) N-amyl acetate	12.148	43	71018	44.525	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.587	83	61662	48.392	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	83865	89.153	ug/l #	100
77) Bromobenzene	12.617	156	92574	51.581	ug/l	93
78) n-propylbenzene	12.678	91	494148	52.657	ug/l	100
79) 2-Chlorotoluene	12.764	91	267394	51.703	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	339254	52.990	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	21058	48.590	ug/l	92
82) 4-Chlorotoluene	12.861	91	275050	51.469	ug/l	99
83) tert-Butylbenzene	13.081	119	302920	53.717	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	330689	52.457	ug/l	98
85) sec-Butylbenzene	13.257	105	427783	53.099	ug/l	100
86) p-Isopropyltoluene	13.379	119	371140	53.501	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	177733	51.475	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	173416	51.391	ug/l	99
89) n-Butylbenzene	13.702	91	341898	53.368	ug/l	97
90) Hexachloroethane	13.971	117	69288	51.778	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	149891	50.661	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9007	44.429	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	84925	49.174	ug/l	98
94) Hexachlorobutadiene	15.117	225	52674	53.237	ug/l	98
95) Naphthalene	15.245	128	142962	46.284	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	69522	48.670	ug/l	98

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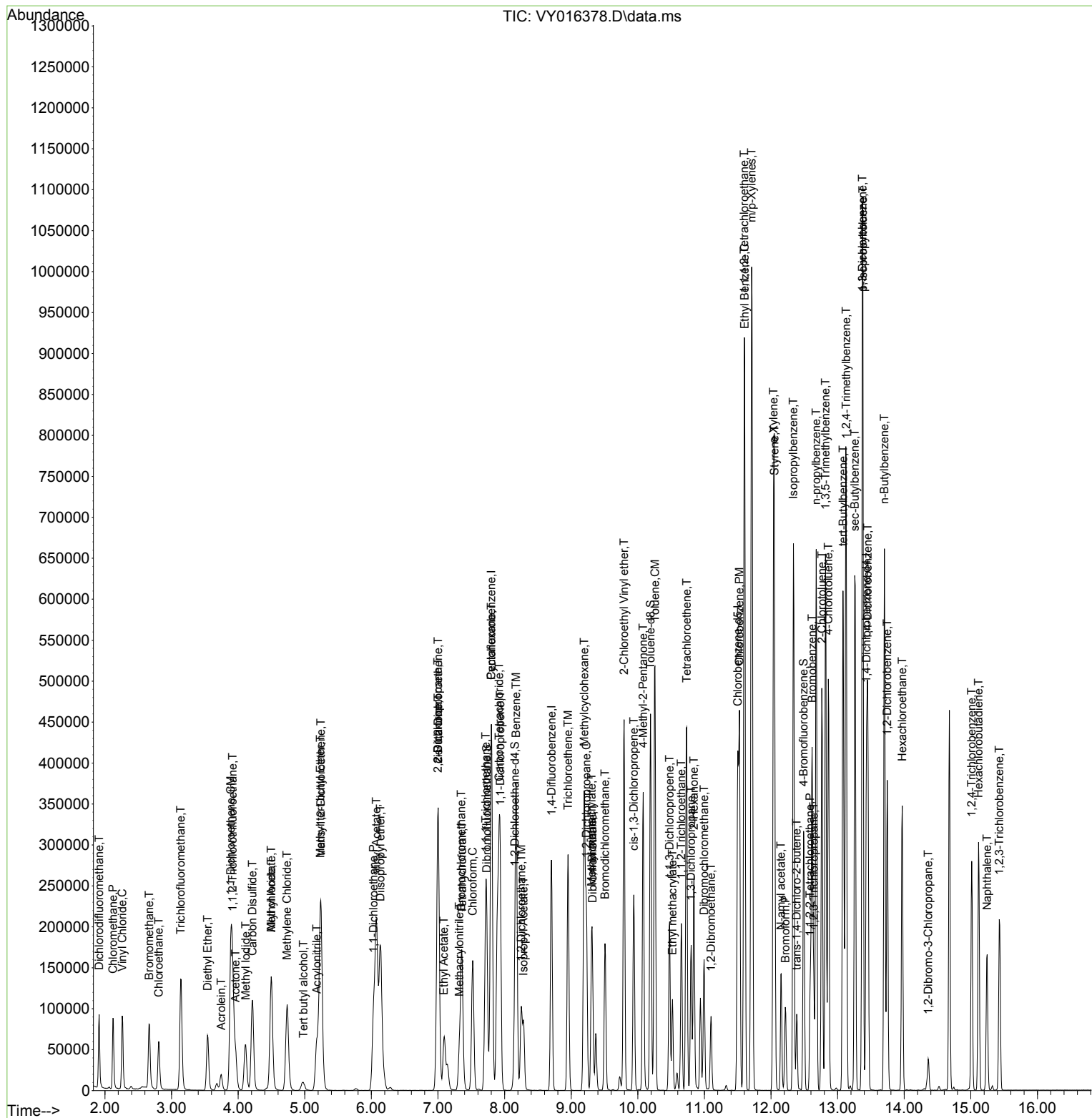
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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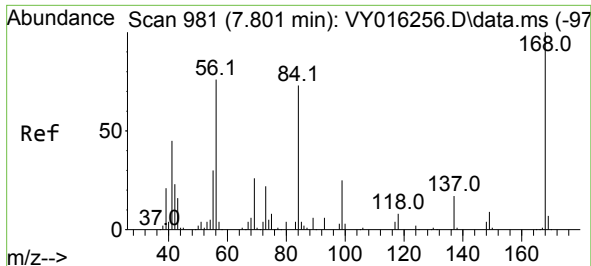
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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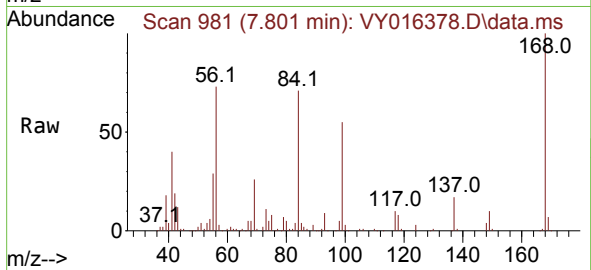
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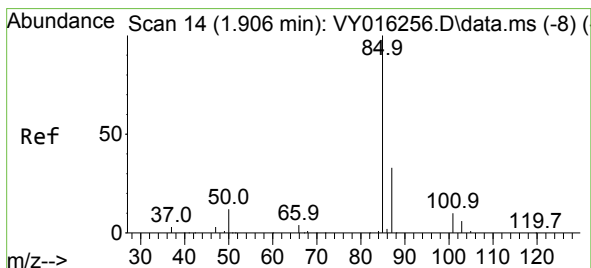
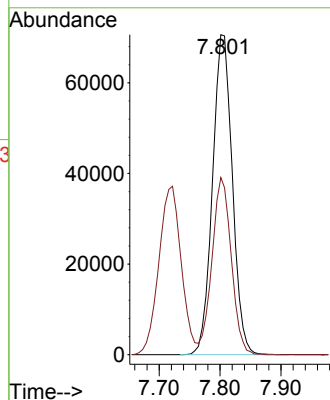
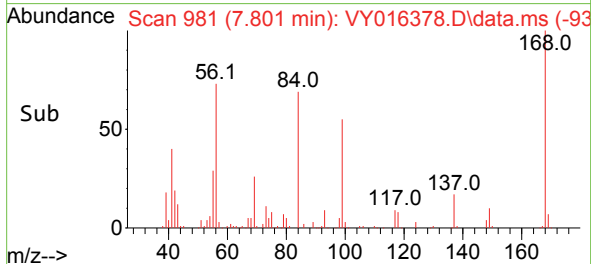


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
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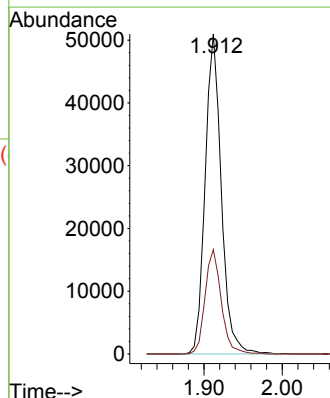
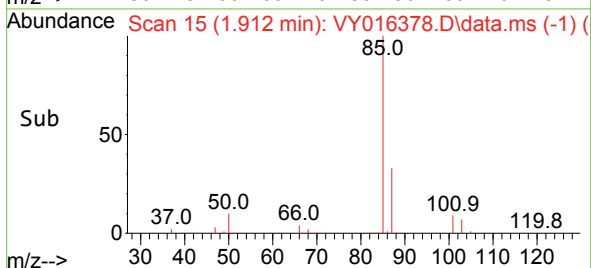
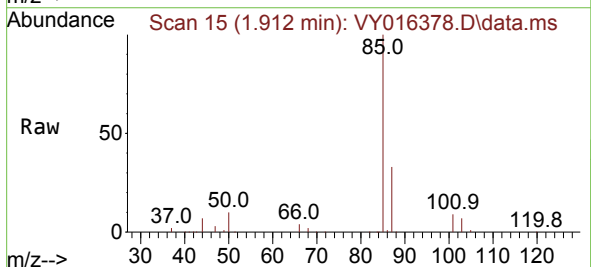


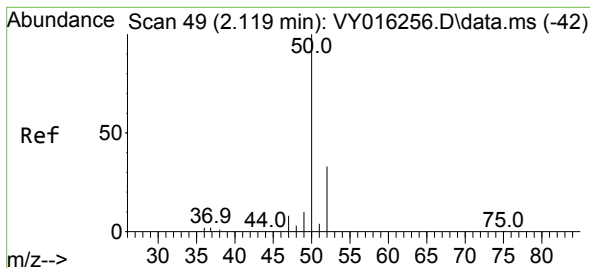
Tgt Ion:168 Resp: 159536
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 46.607 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 85 Resp: 72806
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





#3

Chloromethane

Concen: 44.223 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

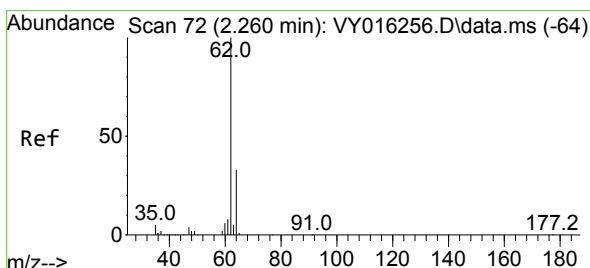
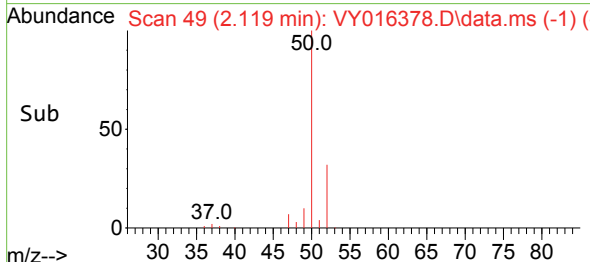
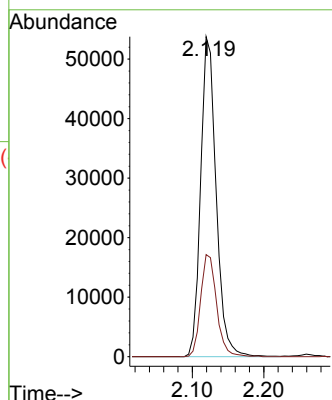
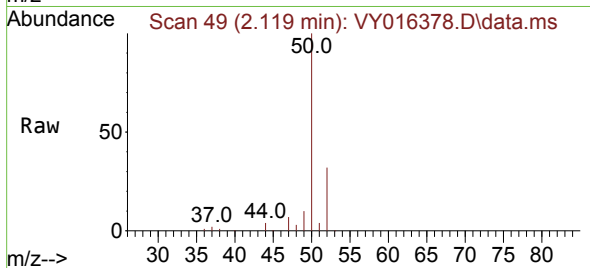
ClientSampleId :

Tgt Ion: 50 Resp: 80905

Ion Ratio Lower Upper

50 100

52 31.9 25.4 38.2



#4

Vinyl Chloride

Concen: 45.318 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016378.D

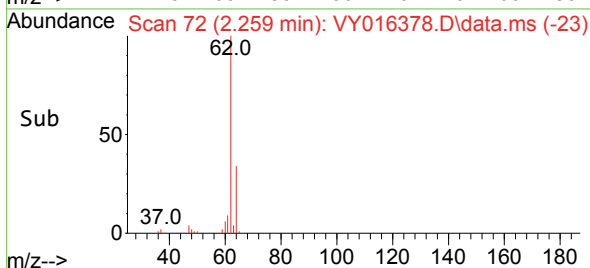
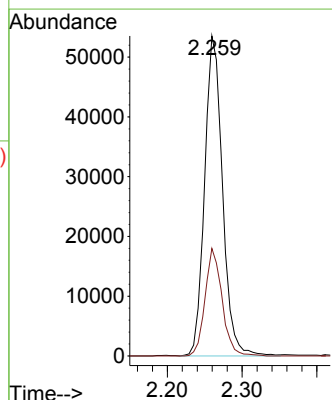
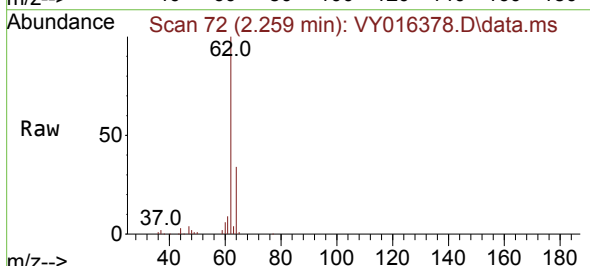
Acq: 16 Nov 2023 08:59

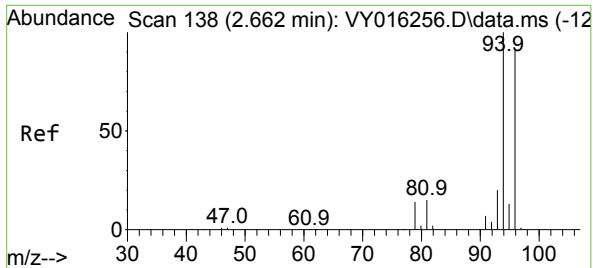
Tgt Ion: 62 Resp: 89153

Ion Ratio Lower Upper

62 100

64 33.6 24.3 36.5





#5

Bromomethane

Concen: 43.420 ug/l

RT: 2.662 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

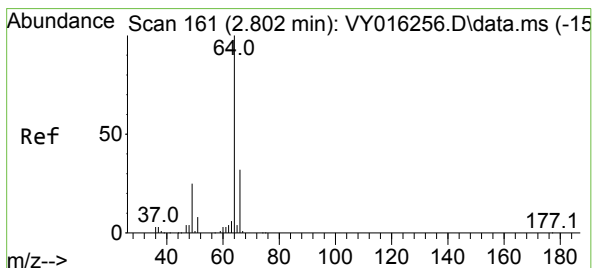
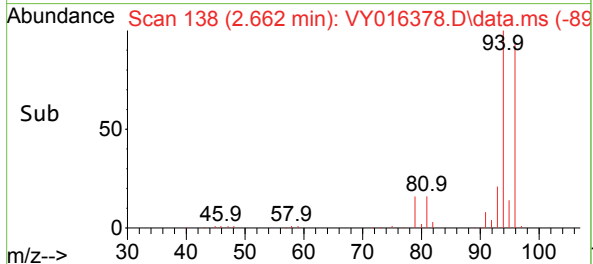
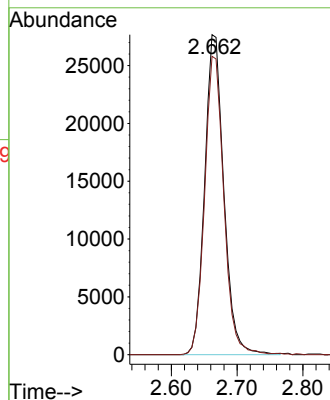
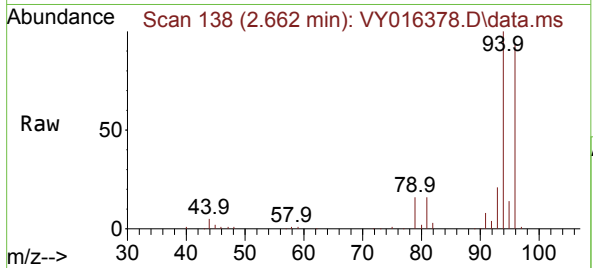
ClientSampleId :

Tgt Ion: 94 Resp: 56136

Ion Ratio Lower Upper

94 100

96 93.3 75.8 113.6



#6

Chloroethane

Concen: 47.024 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.006 min

Lab File: VY016378.D

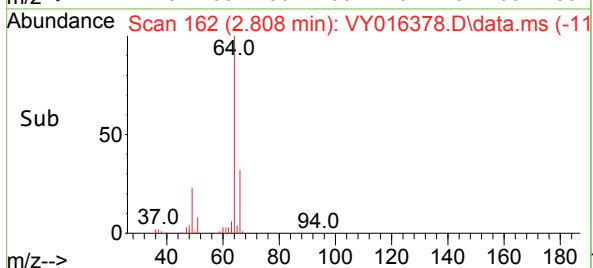
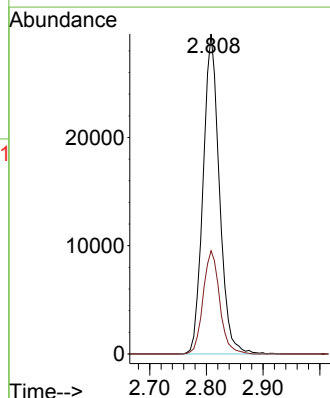
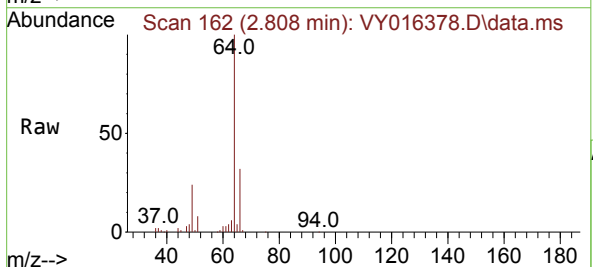
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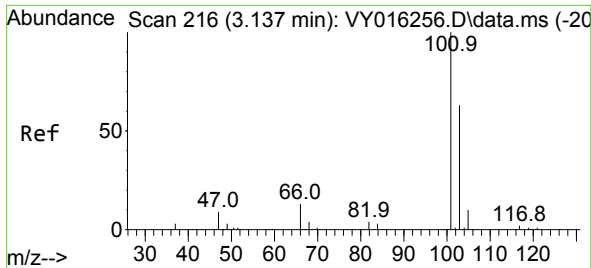
Tgt Ion: 64 Resp: 59029

Ion Ratio Lower Upper

64 100

66 32.2 24.4 36.6

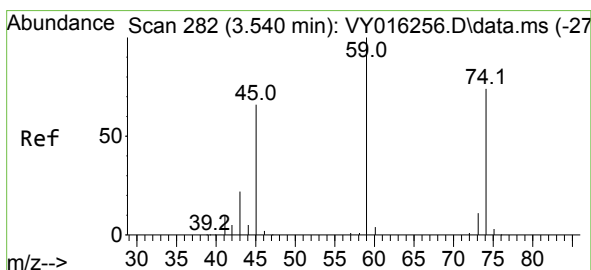
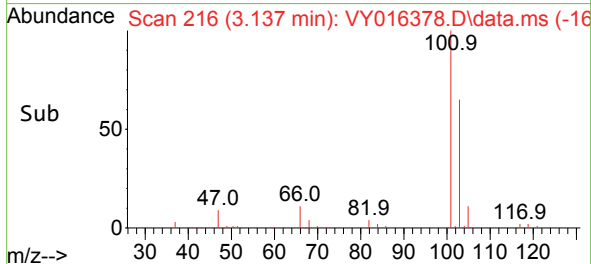
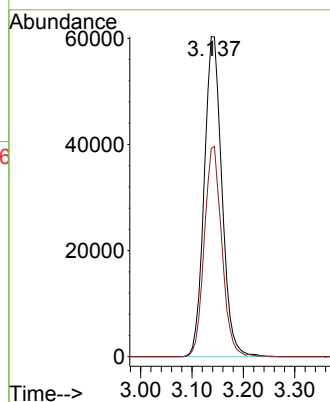
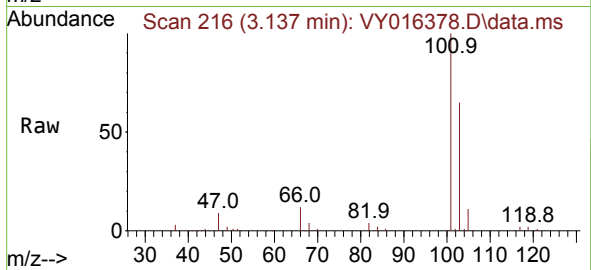




#7
 Trichlorofluoromethane
 Concen: 50.395 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016378.D
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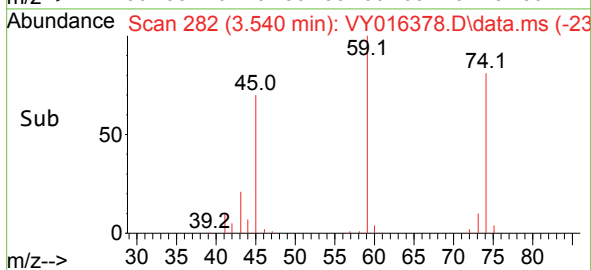
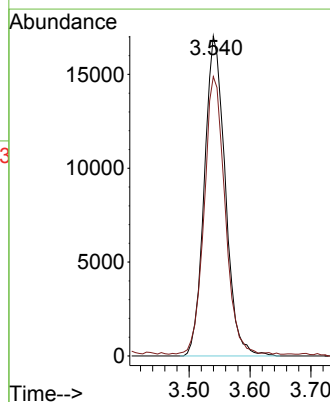
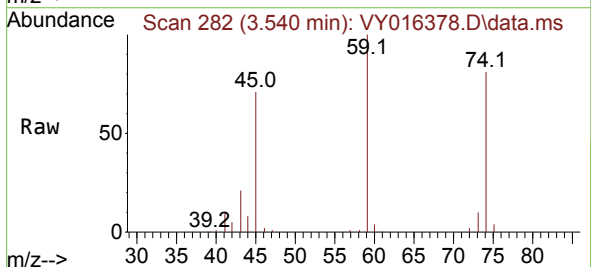
Instrument :
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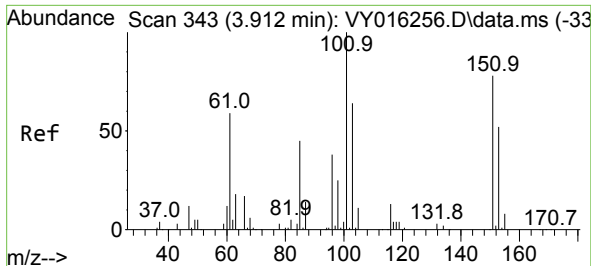
Tgt Ion:101 Resp: 144236
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 47.425 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016378.D
 Acq: 16 Nov 2023 08:59

Tgt Ion: 74 Resp: 40568
 Ion Ratio Lower Upper
 74 100
 45 87.0 51.5 154.5

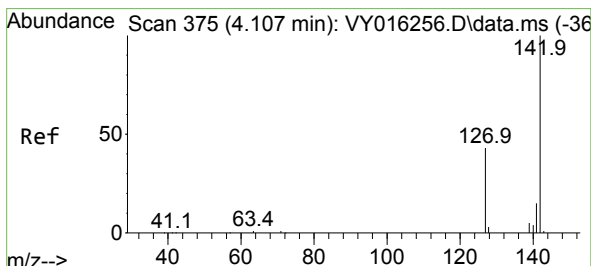
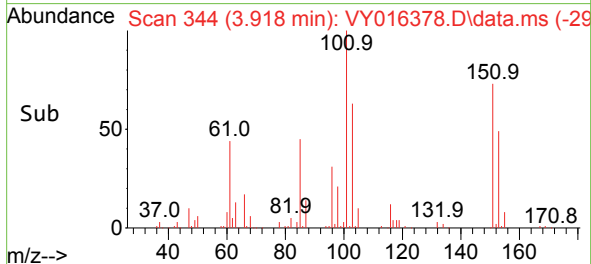
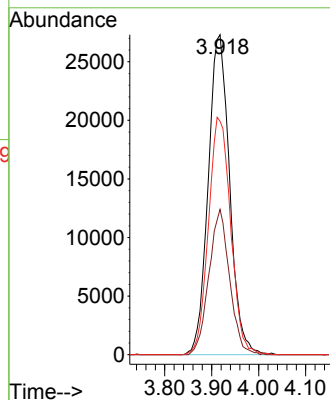
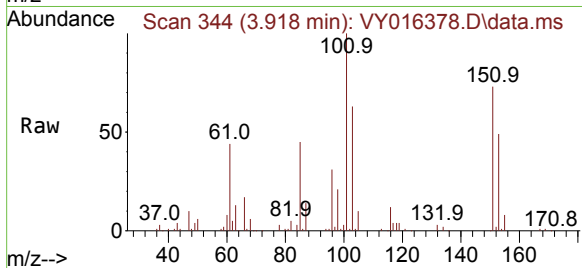




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.094 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

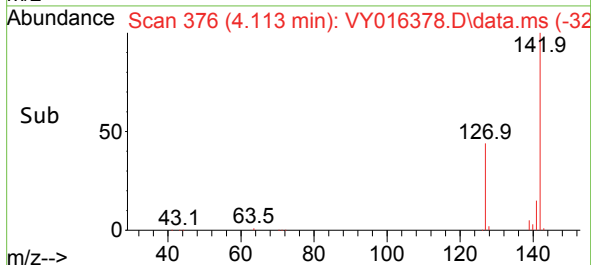
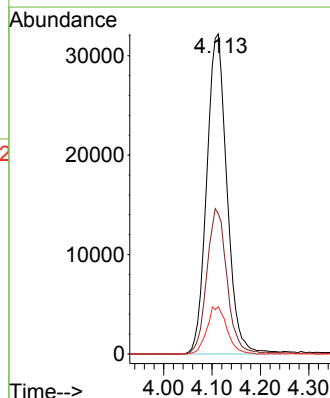
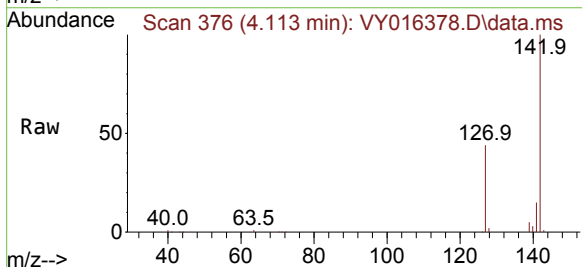
Instrument :
MSVOA_Y
ClientSampleId :

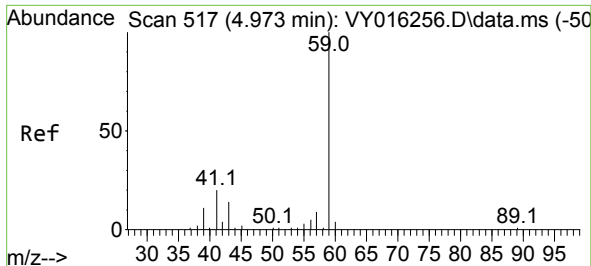
Tgt Ion:101 Resp: 86355
Ion Ratio Lower Upper
101 100
85 43.8 36.6 55.0
151 77.0 67.0 100.6



#10
Methyl Iodide
Concen: 50.257 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion:142 Resp: 93568
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.7 11.8 17.8

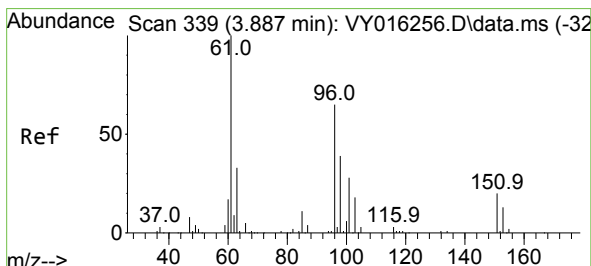
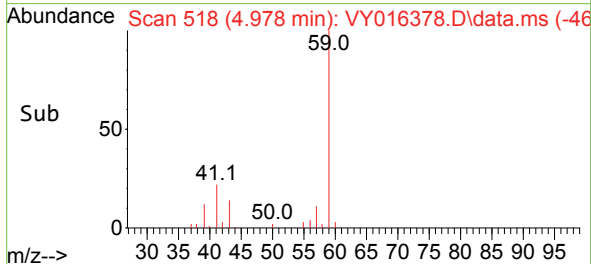
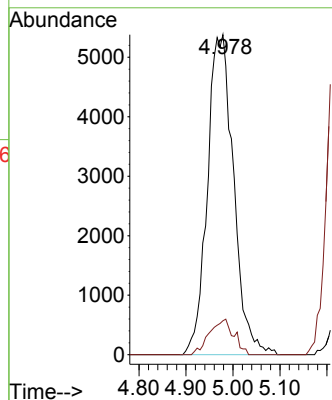
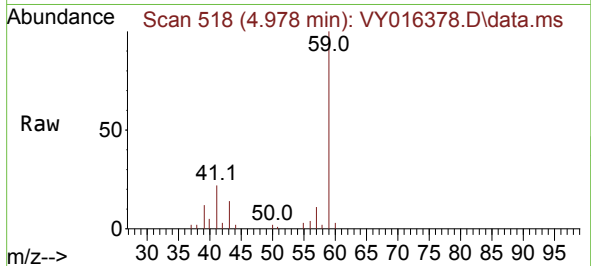




#11
Tert butyl alcohol
Concen: 182.431 ug/l
RT: 4.978 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

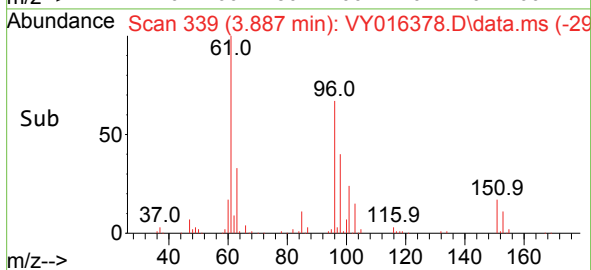
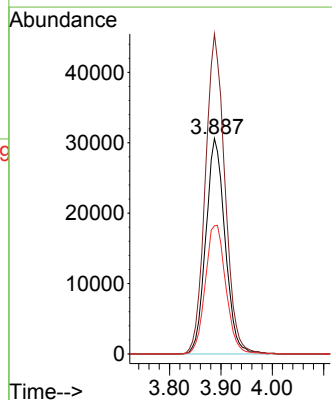
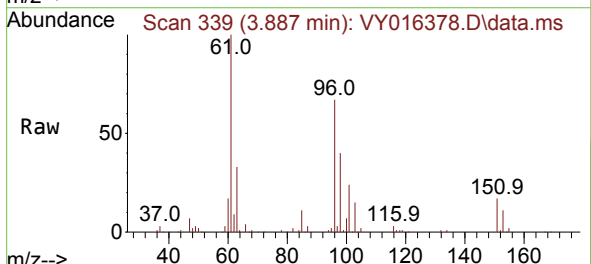
Instrument :
MSVOA_Y
ClientSampleId :

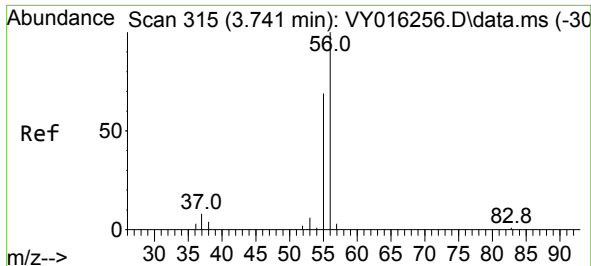
Tgt Ion: 59 Resp: 20830
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.407 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 96 Resp: 79653
Ion Ratio Lower Upper
96 100
61 148.5 136.4 204.6
98 59.5 49.4 74.2

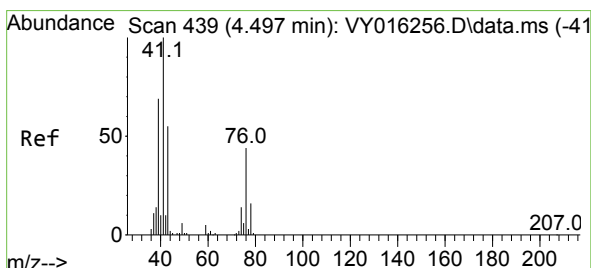
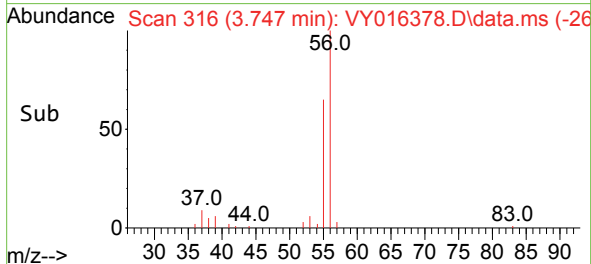
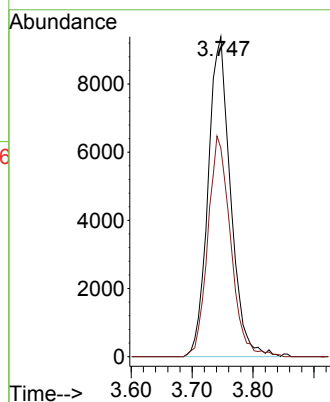
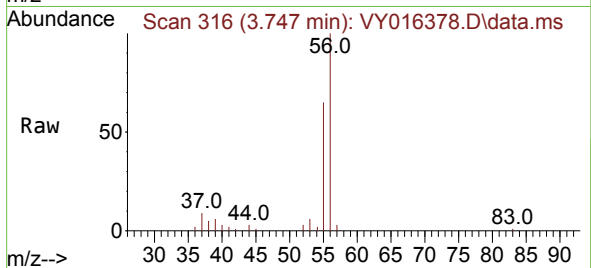




#13
Acrolein
Concen: 174.758 ug/l
RT: 3.747 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

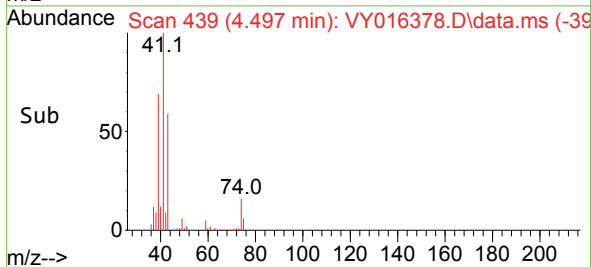
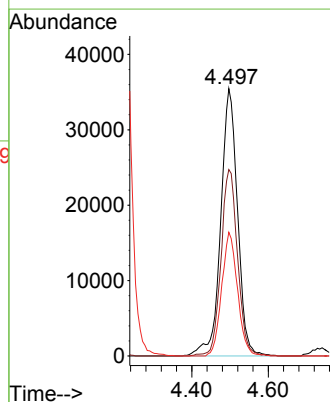
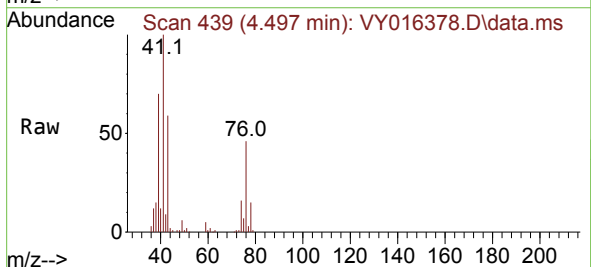
Instrument :
MSVOA_Y
ClientSampleId :

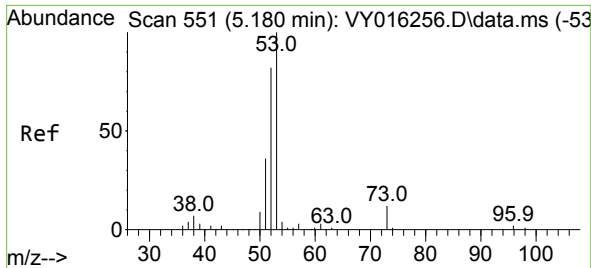
Tgt Ion: 56 Resp: 24068
Ion Ratio Lower Upper
56 100
55 69.9 57.0 85.4



#14
Allyl chloride
Concen: 47.340 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 41 Resp: 108303
Ion Ratio Lower Upper
41 100
39 68.6 58.0 87.0
76 43.6 27.4 41.2#

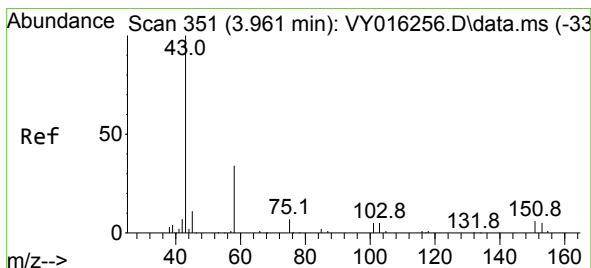
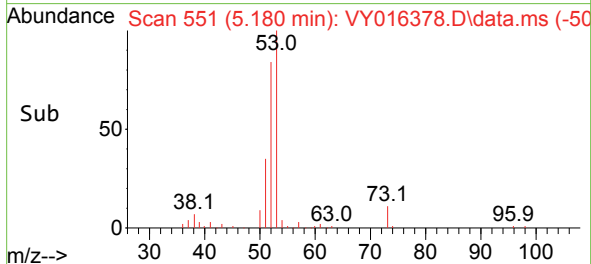
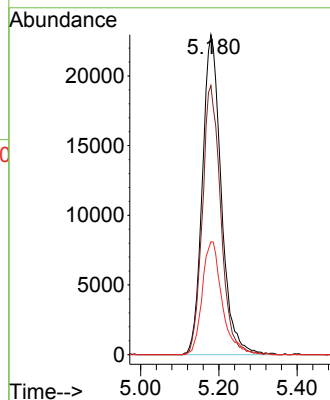
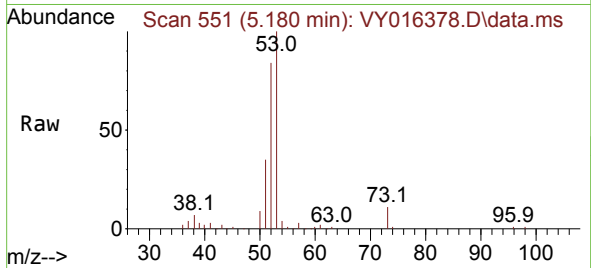




#15
Acrylonitrile
Concen: 226.258 ug/l
RT: 5.180 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

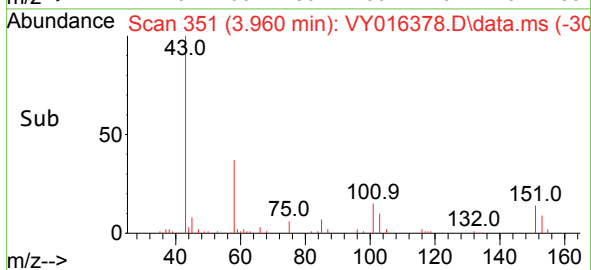
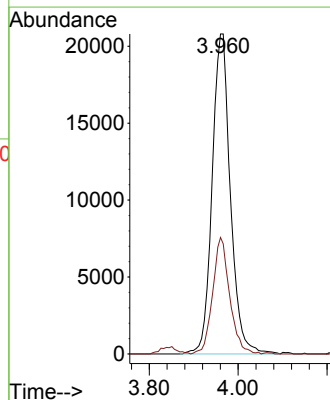
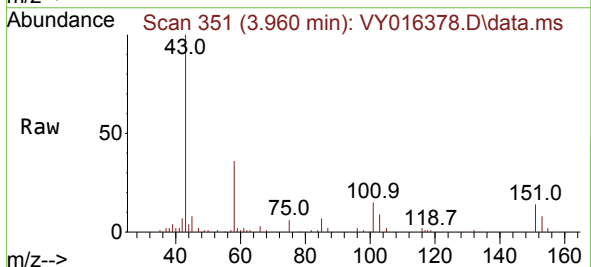
Instrument :
MSVOA_Y
ClientSampleId :

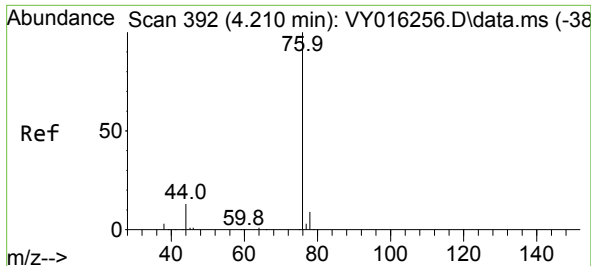
Tgt Ion: 53 Resp: 76808
Ion Ratio Lower Upper
53 100
52 82.1 66.9 100.3
51 37.2 29.8 44.6



#16
Acetone
Concen: 246.265 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 43 Resp: 59396
Ion Ratio Lower Upper
43 100
58 36.4 22.7 34.1#





#17

Carbon Disulfide

Concen: 47.854 ug/l

RT: 4.216 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

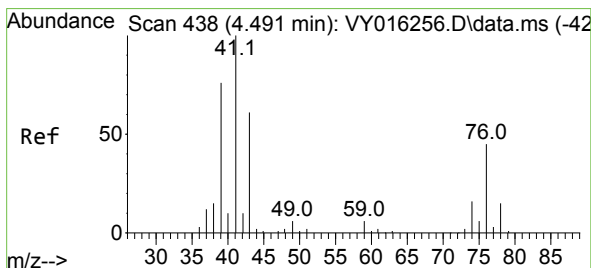
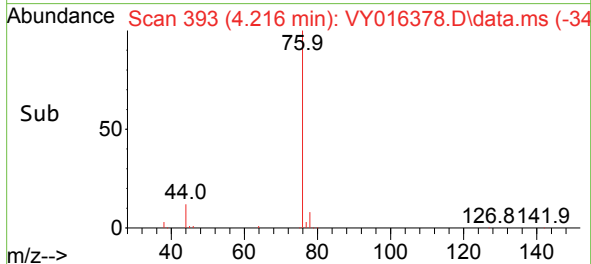
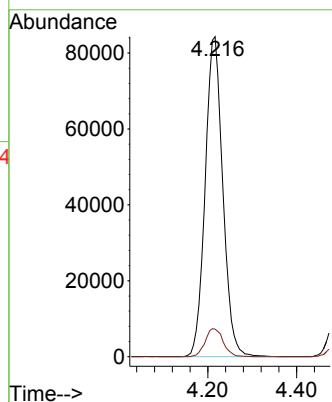
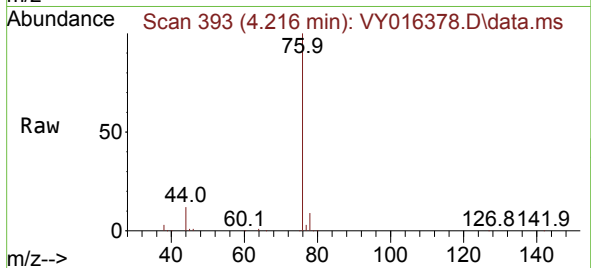
ClientSampleId :

Tgt Ion: 76 Resp: 232773

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.4



#18

Methyl Acetate

Concen: 47.988 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY016378.D

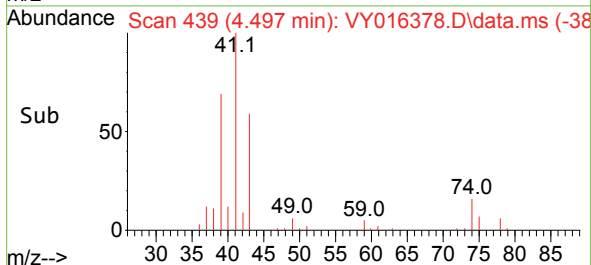
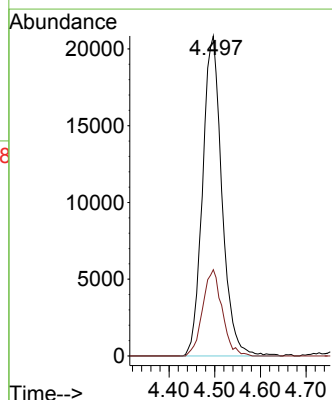
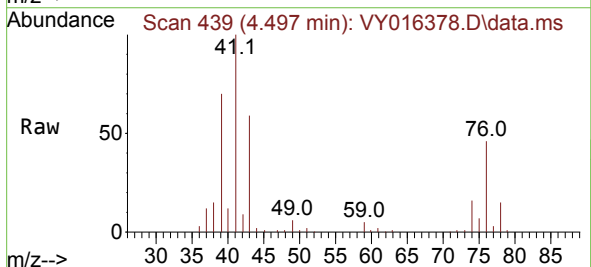
Acq: 16 Nov 2023 08:59

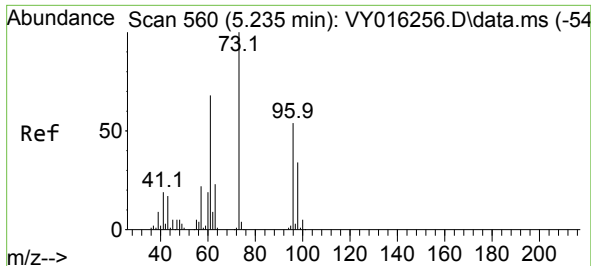
Tgt Ion: 43 Resp: 61501

Ion Ratio Lower Upper

43 100

74 27.2 17.4 26.0#

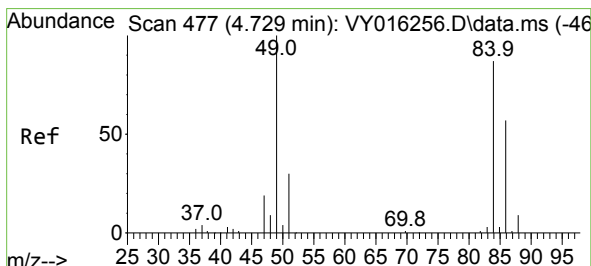
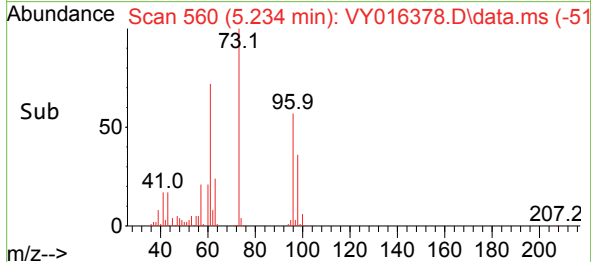
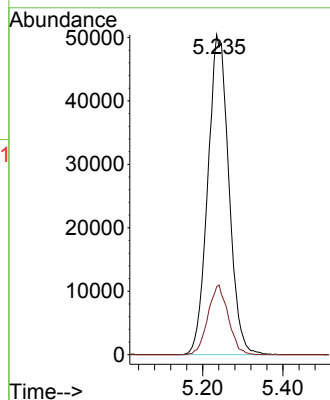
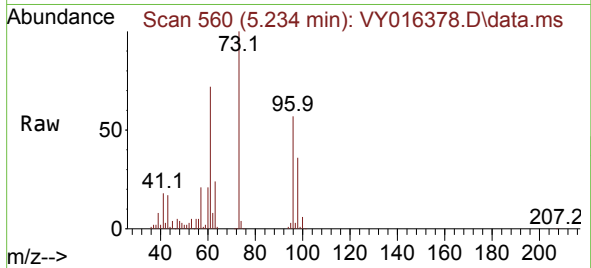




#19
Methyl tert-butyl Ether
Concen: 47.032 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

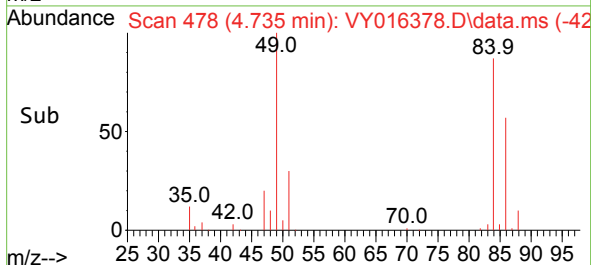
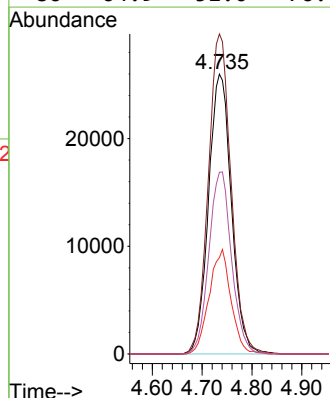
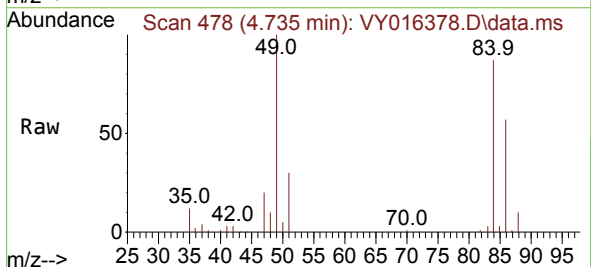
Instrument :
MSVOA_Y
ClientSampleId :

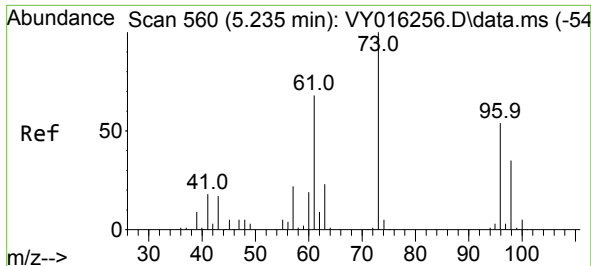
Tgt Ion: 73 Resp: 183517
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 48.440 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 84 Resp: 82719
Ion Ratio Lower Upper
84 100
49 114.3 106.9 160.3
51 34.4 33.2 49.8
86 64.9 51.0 76.6

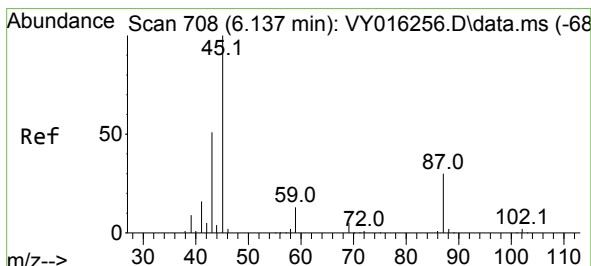
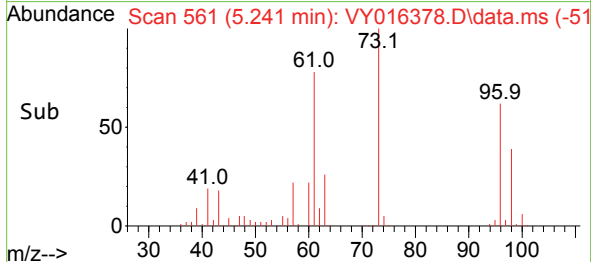
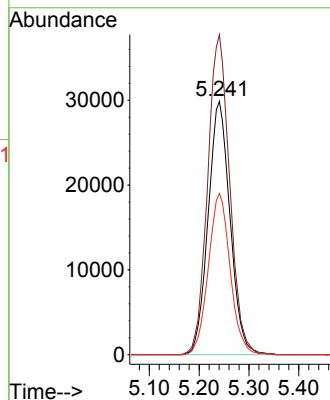
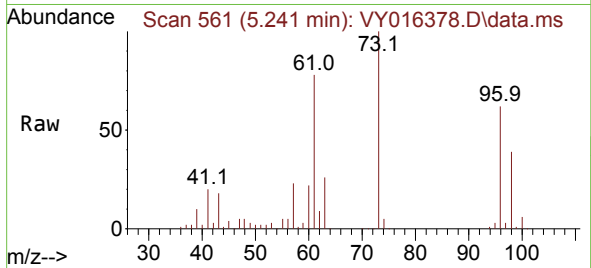




#21
trans-1,2-Dichloroethene
Concen: 49.129 ug/l
RT: 5.241 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

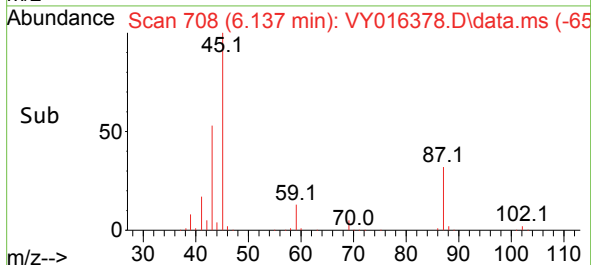
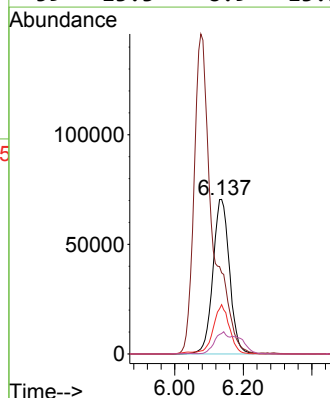
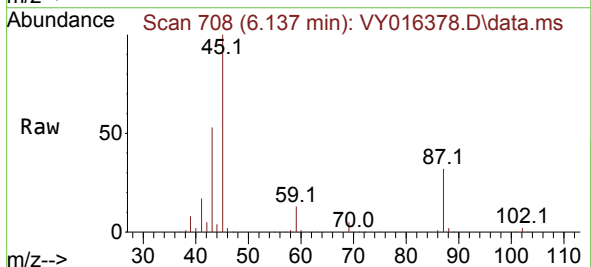
Instrument :
MSVOA_Y
ClientSampleId :

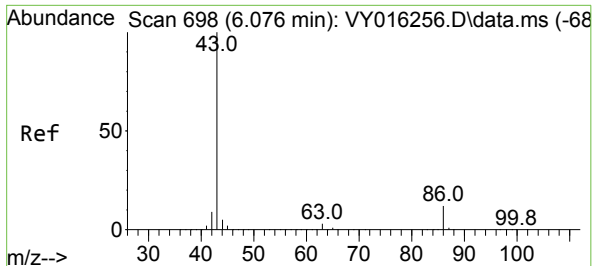
Tgt Ion: 96 Resp: 91195
Ion Ratio Lower Upper
96 100
61 126.3 110.2 165.4
98 63.6 51.8 77.6



#22
Diisopropyl ether
Concen: 48.055 ug/l
RT: 6.137 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 45 Resp: 236931
Ion Ratio Lower Upper
45 100
43 52.3 52.2 78.4
87 31.9 21.0 31.6#
59 13.3 8.9 13.3

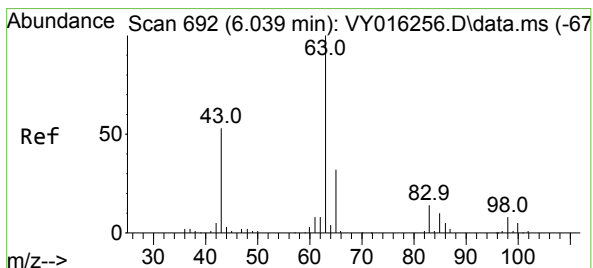
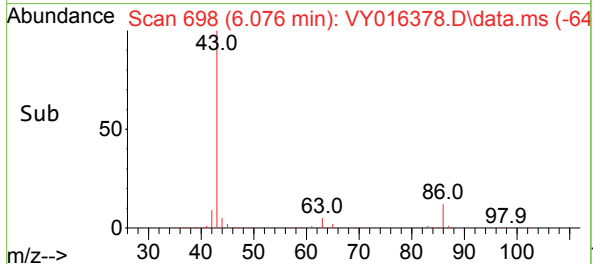
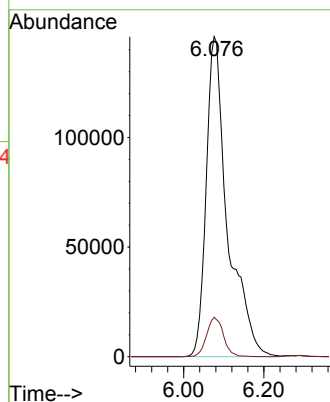
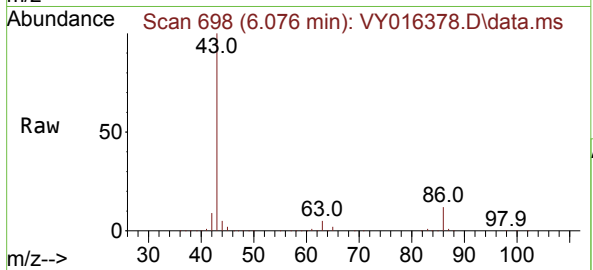




#23
 Vinyl Acetate
 Concen: 226.365 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016378.D
 Acq: 16 Nov 2023 08:59

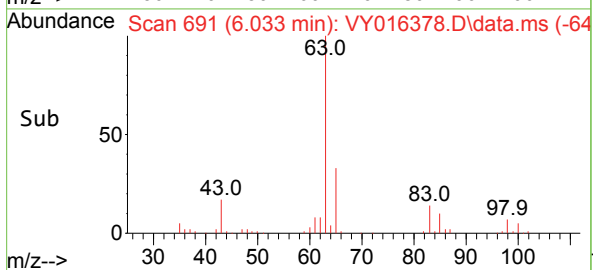
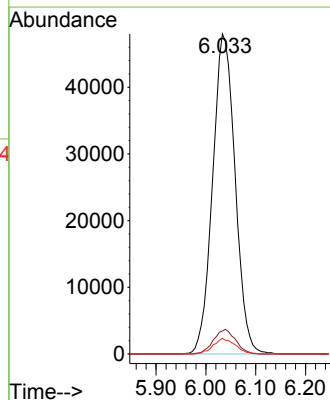
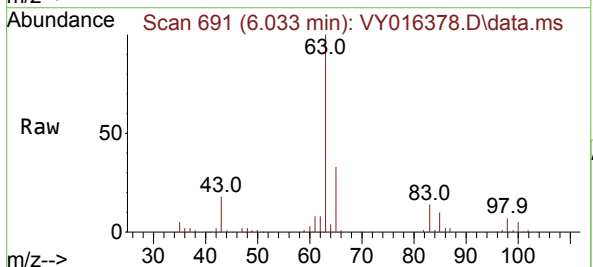
Instrument :
 MSVOA_Y
 ClientSampleId :

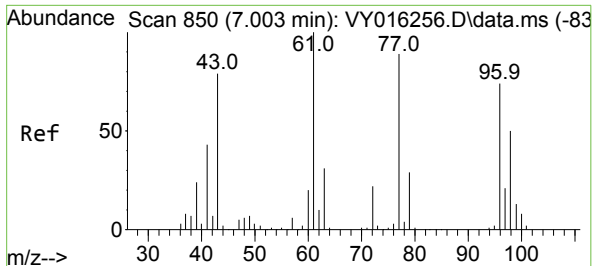
Tgt Ion: 43 Resp: 540790
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 49.452 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY016378.D
 Acq: 16 Nov 2023 08:59

Tgt Ion: 63 Resp: 150416
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.9 1.8 5.5

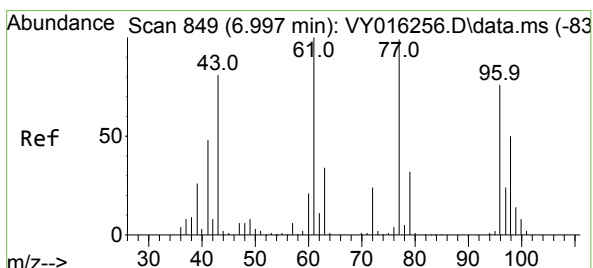
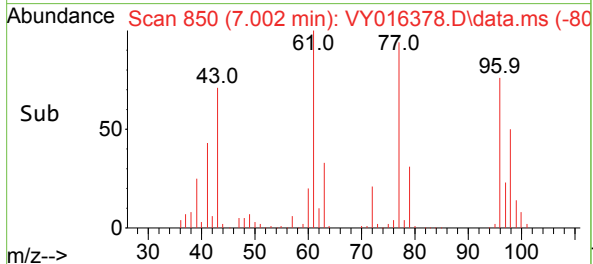
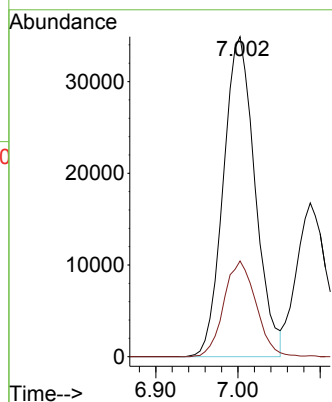
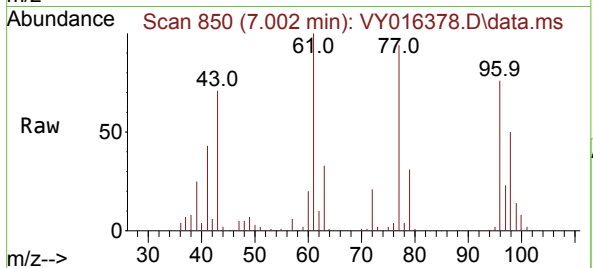




#25
2-Butanone
Concen: 221.706 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

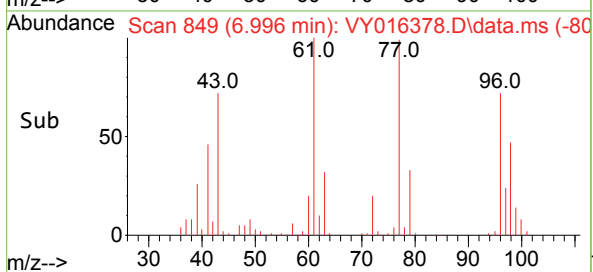
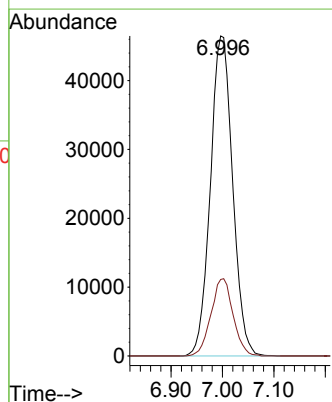
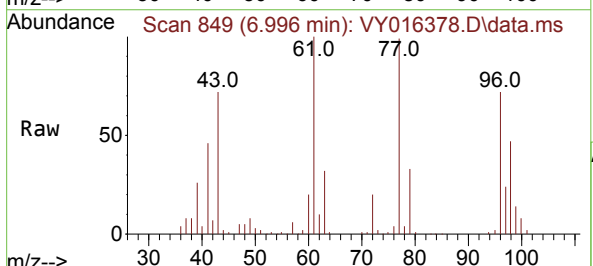
Instrument :
MSVOA_Y
ClientSampleId :

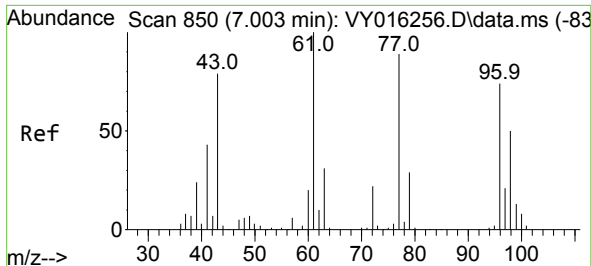
Tgt Ion: 43 Resp: 93660
Ion Ratio Lower Upper
43 100
72 29.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 50.501 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 77 Resp: 139804
Ion Ratio Lower Upper
77 100
97 24.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.261 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

ClientSampleId :

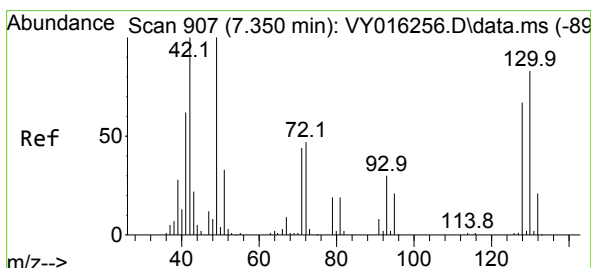
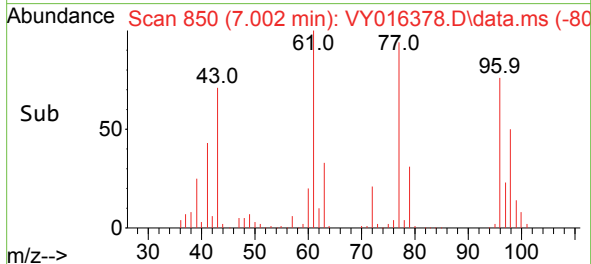
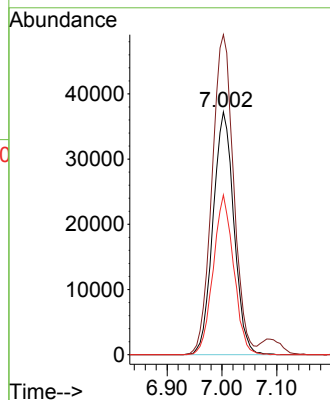
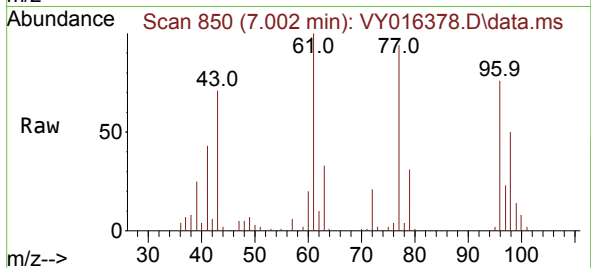
Tgt Ion: 96 Resp: 98543

Ion Ratio Lower Upper

96 100

61 136.5 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 51.359 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

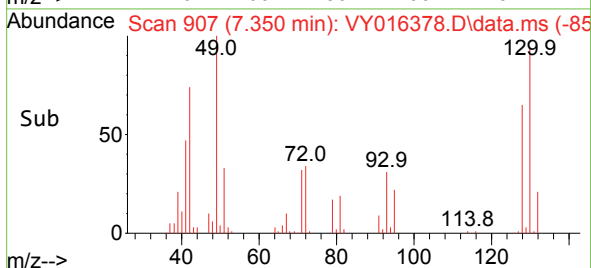
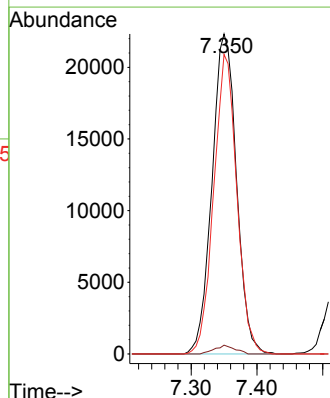
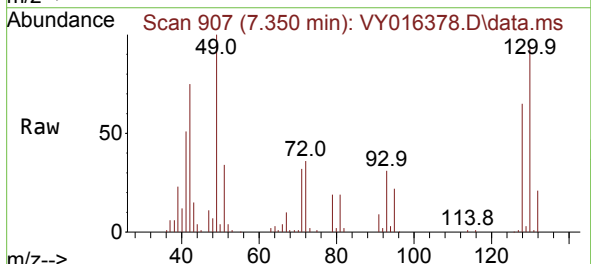
Tgt Ion: 49 Resp: 57816

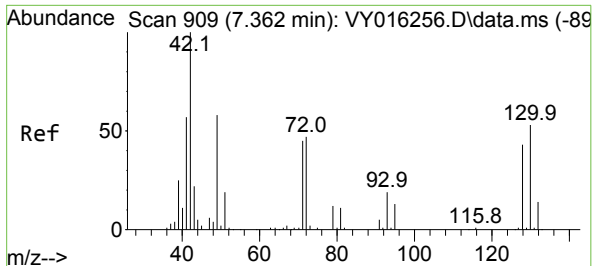
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 88.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 216.748 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

ClientSampleId :

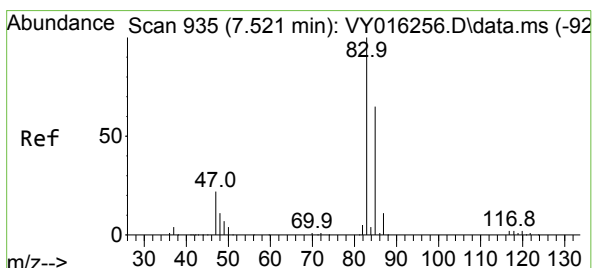
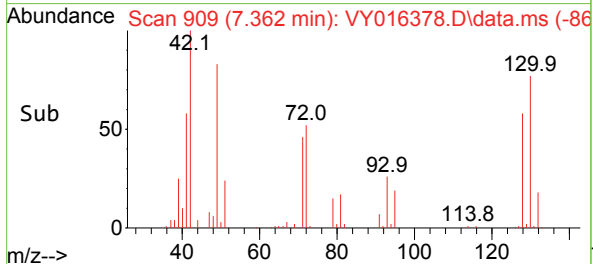
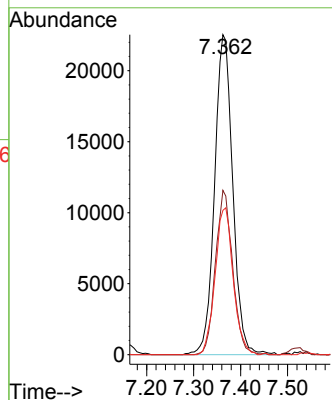
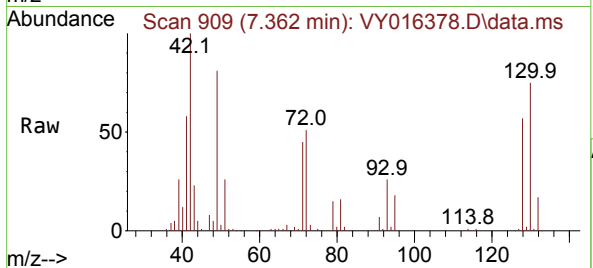
Tgt Ion: 42 Resp: 60522

Ion Ratio Lower Upper

42 100

72 48.7 32.8 49.2

71 45.6 31.0 46.4



#30

Chloroform

Concen: 50.094 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016378.D

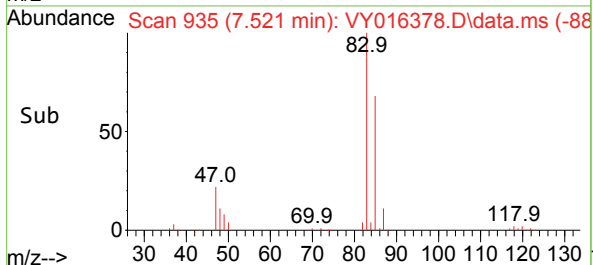
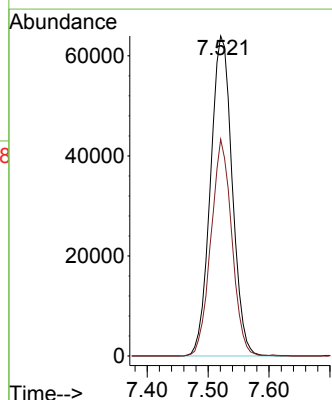
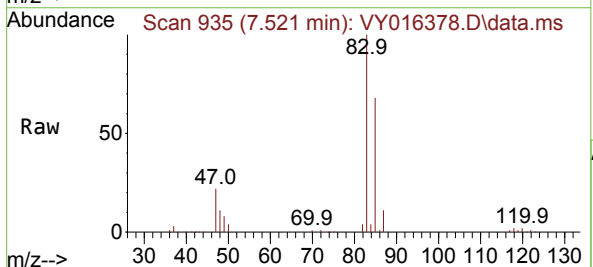
Acq: 16 Nov 2023 08:59

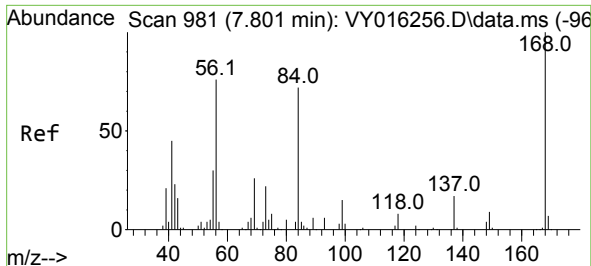
Tgt Ion: 83 Resp: 158600

Ion Ratio Lower Upper

83 100

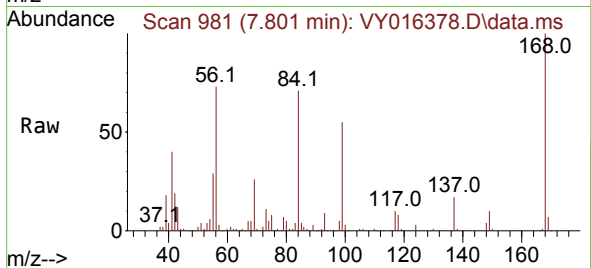
85 67.7 49.7 74.5



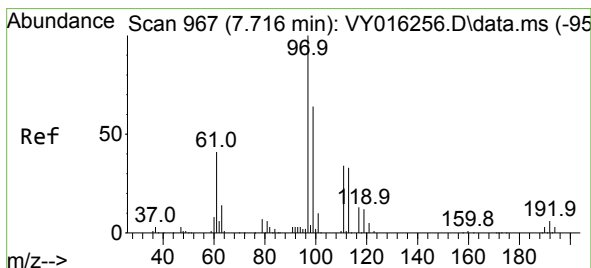
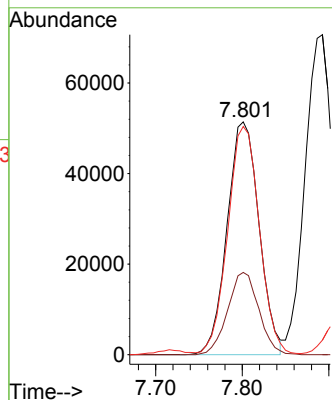
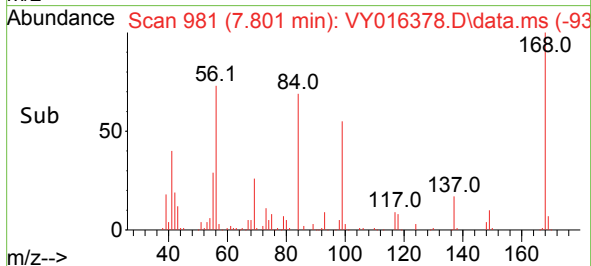


#31
Cyclohexane
Concen: 45.906 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Instrument :
MSVOA_Y
ClientSampleId :

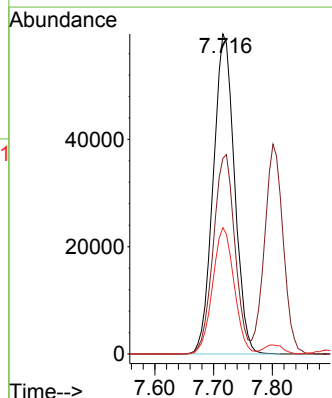
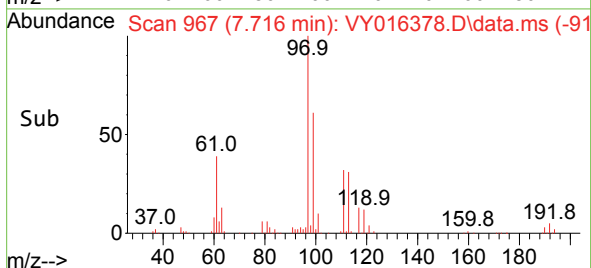
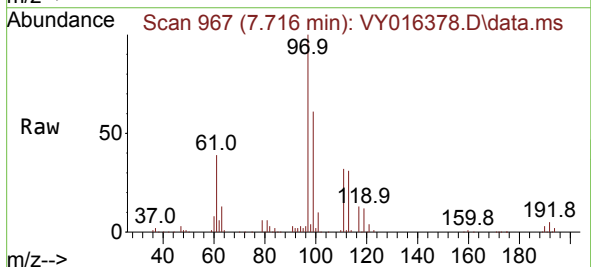


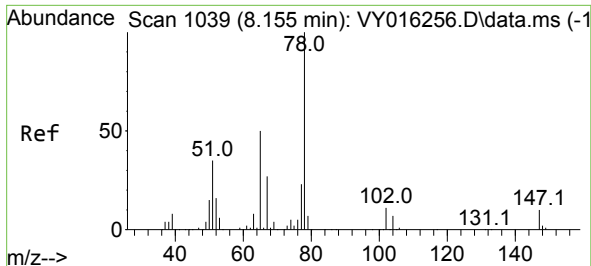
Tgt Ion: 56 Resp: 131784
Ion Ratio Lower Upper
56 100
69 35.3 27.8 41.6
84 96.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.775 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 97 Resp: 150262
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 39.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.843 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

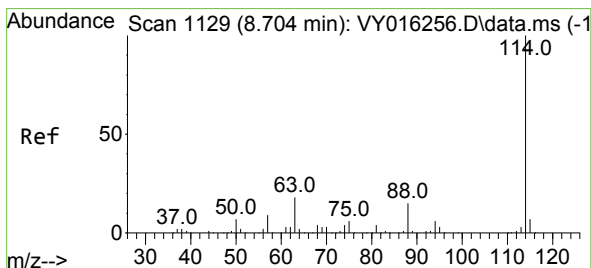
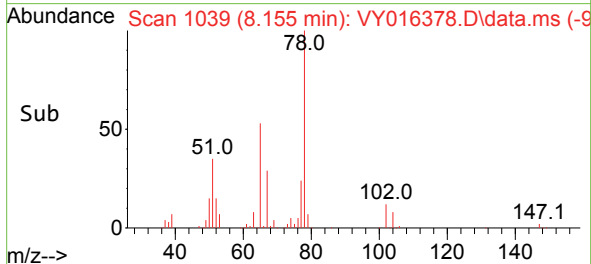
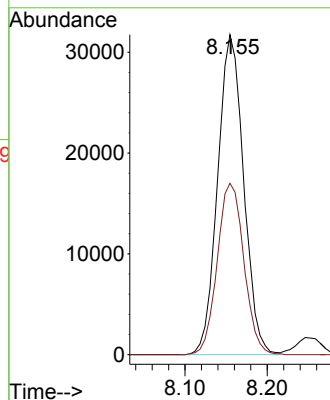
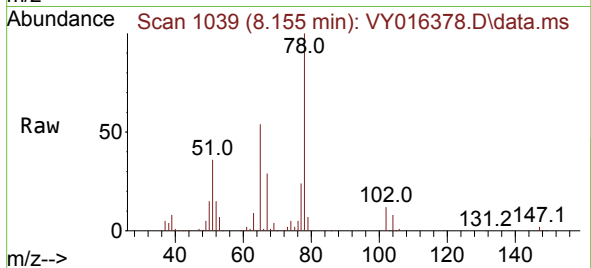
ClientSampleId :

Tgt Ion: 65 Resp: 69760

Ion Ratio Lower Upper

65 100

67 54.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

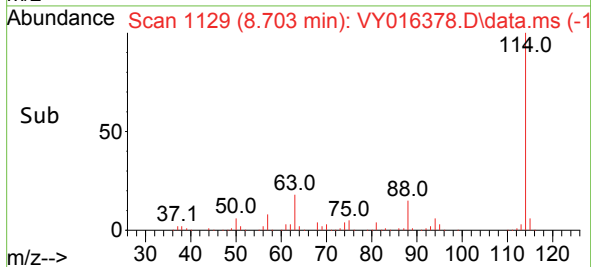
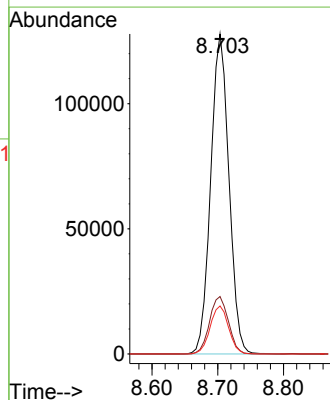
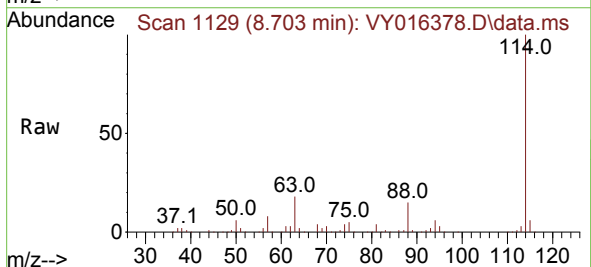
Tgt Ion: 114 Resp: 246282

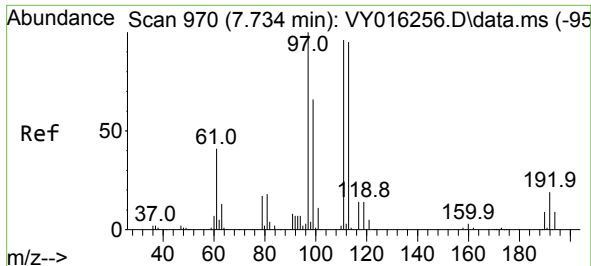
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

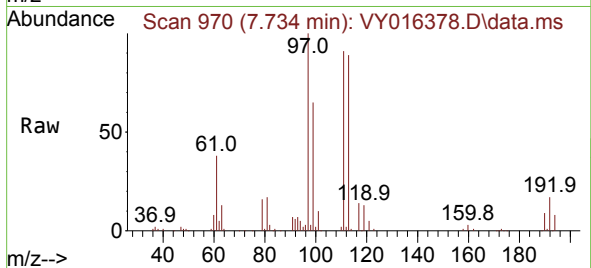
88 15.0 0.0 30.6



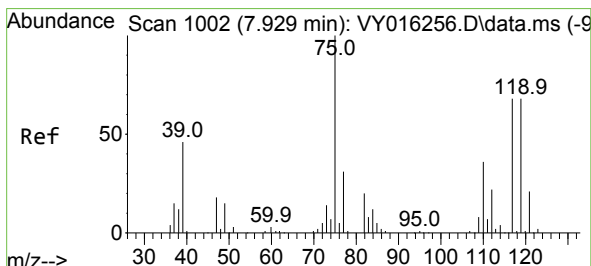
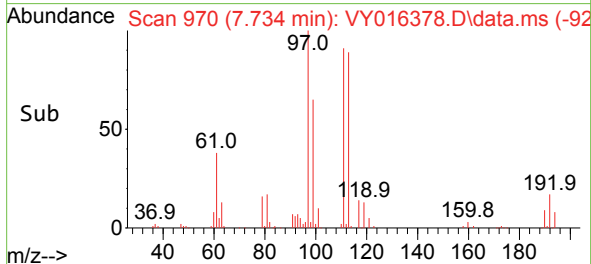
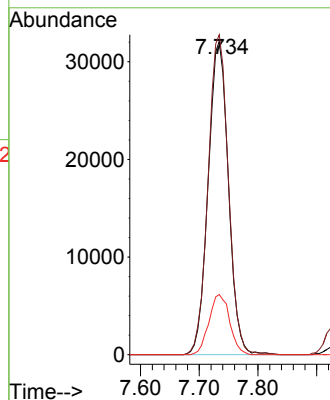


#35
Dibromofluoromethane
Concen: 54.828 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Instrument :
MSVOA_Y
ClientSampleId :

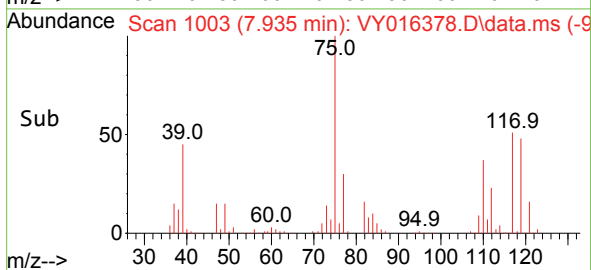
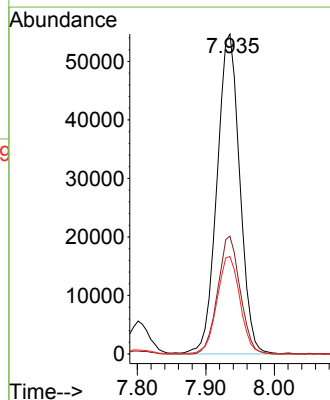
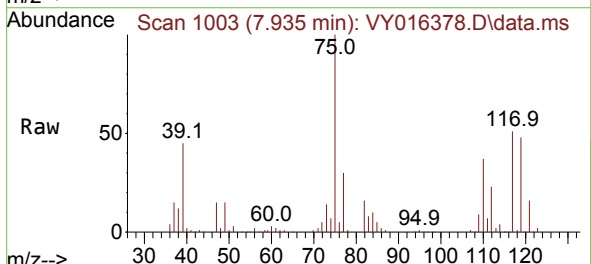


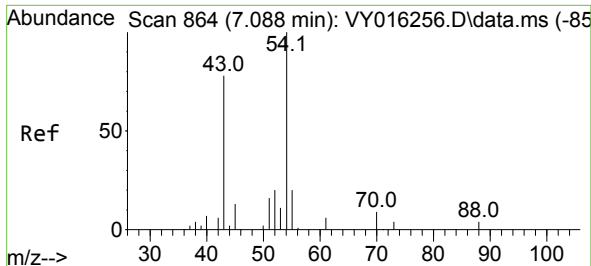
Tgt Ion:113 Resp: 76707
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.892 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 75 Resp: 126061
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 44.470 ug/l

RT: 7.088 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY016378.D

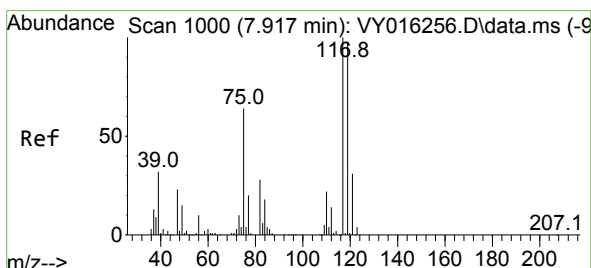
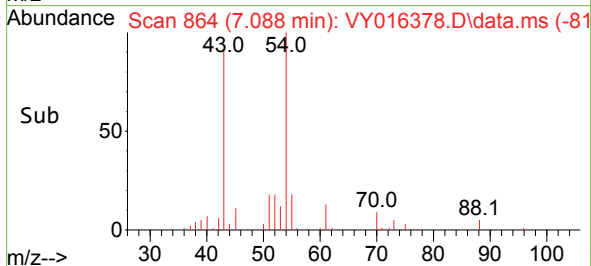
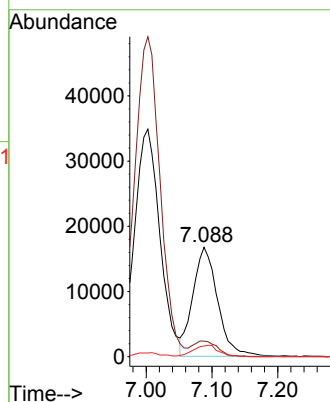
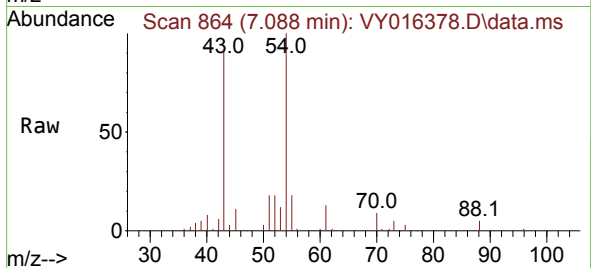
Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	43650
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.1	15.1
70	10.7	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 54.895 ug/l

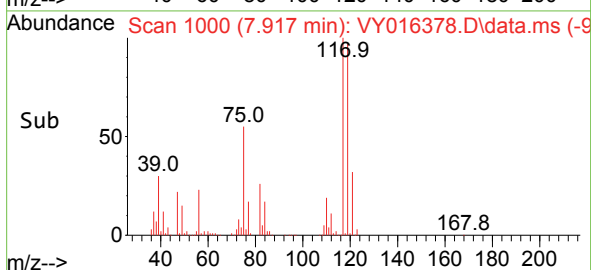
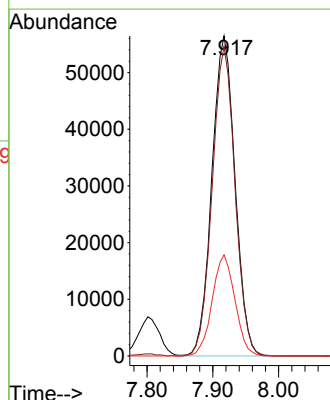
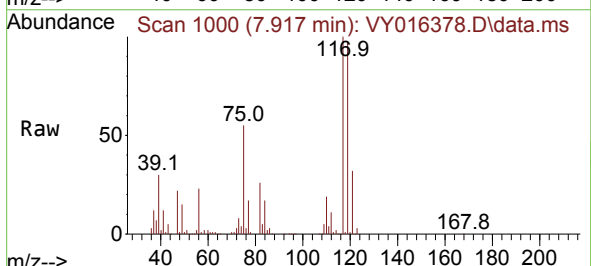
RT: 7.917 min Scan# 1000

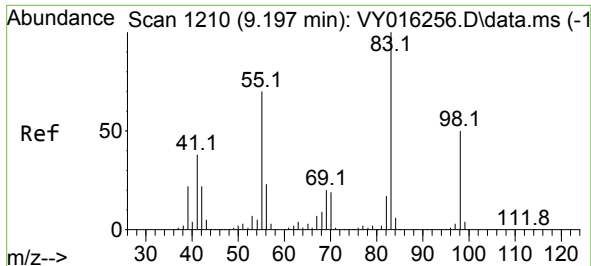
Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Tgt Ion:	117	Resp:	138404
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.4	114.6
121	31.6	25.8	38.6

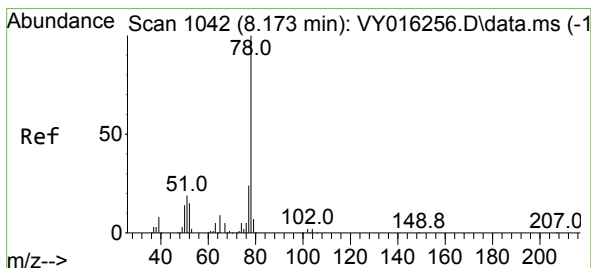
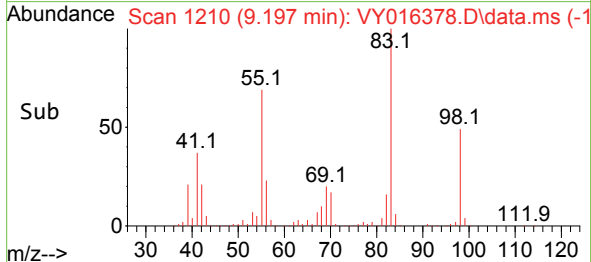
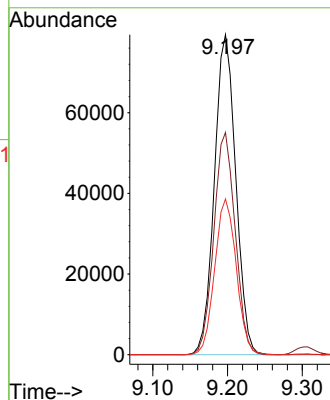
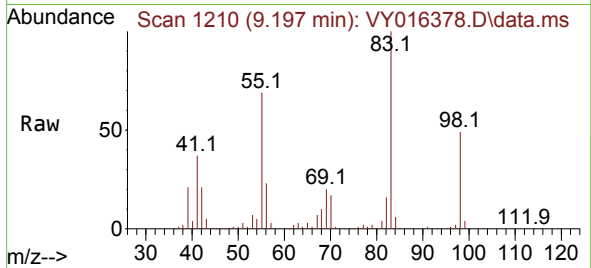




#39
Methylcyclohexane
Concen: 52.088 ug/l
RT: 9.197 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

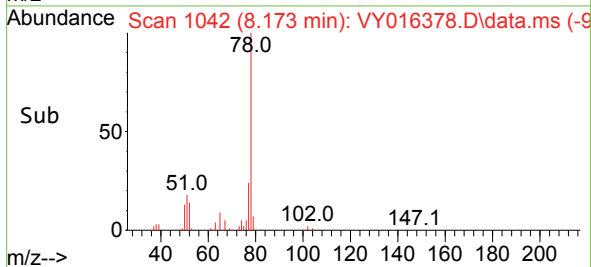
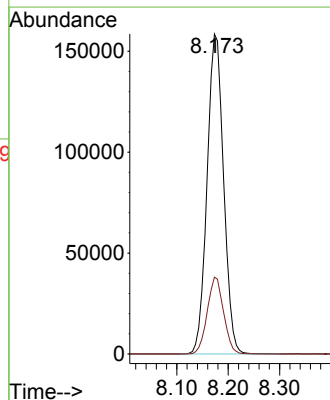
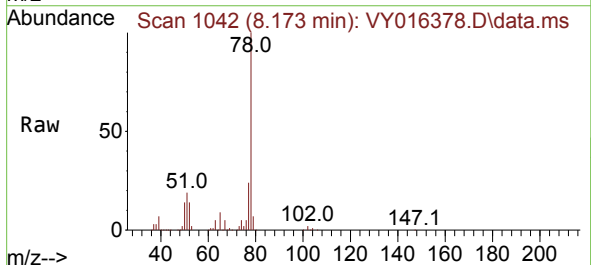
Instrument :
MSVOA_Y
ClientSampleId :

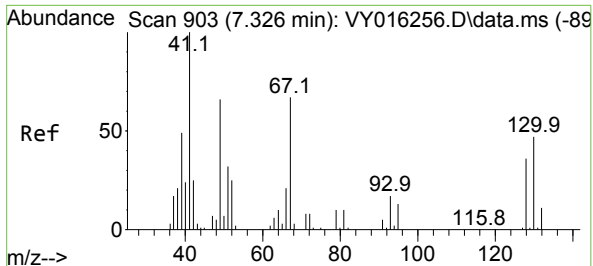
Tgt Ion: 83 Resp: 157673
Ion Ratio Lower Upper
83 100
55 69.4 63.0 94.4
98 48.7 37.4 56.2



#40
Benzene
Concen: 51.778 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

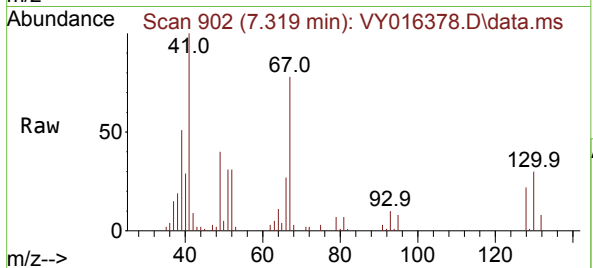
Tgt Ion: 78 Resp: 353397
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6



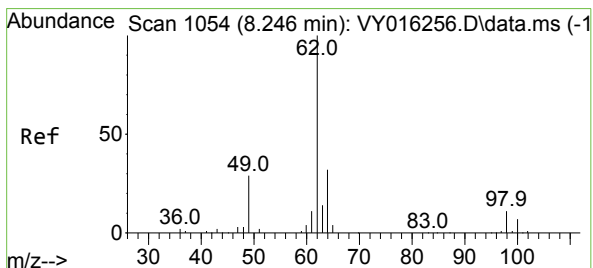
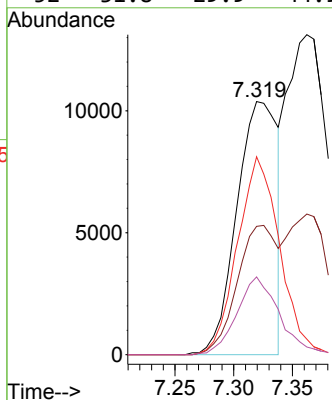
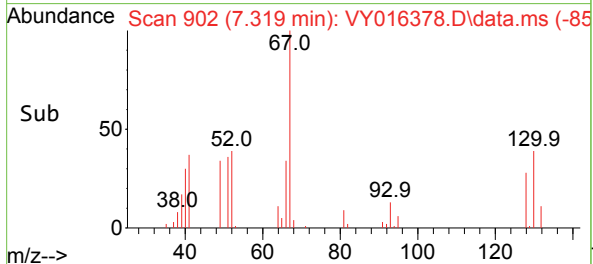


#41
Methacrylonitrile
Concen: 50.710 ug/l
RT: 7.319 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Instrument :
MSVOA_Y
ClientSampleId :

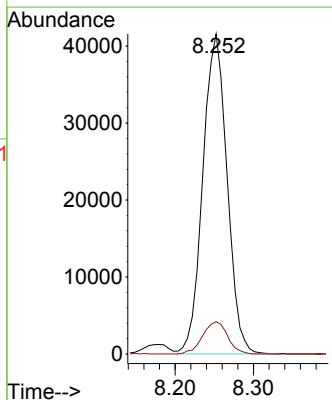
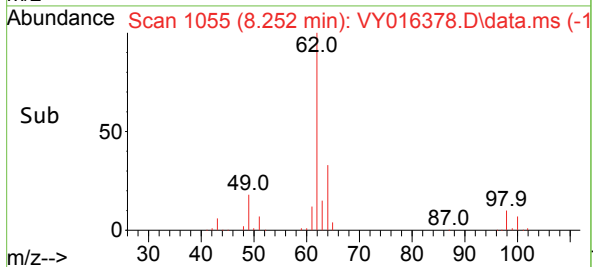
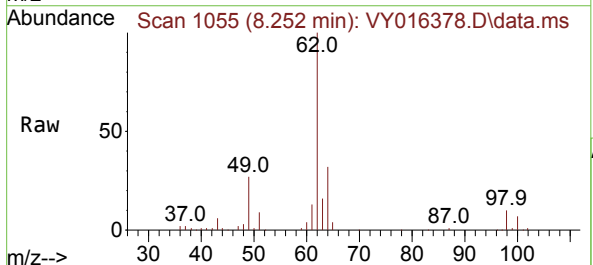


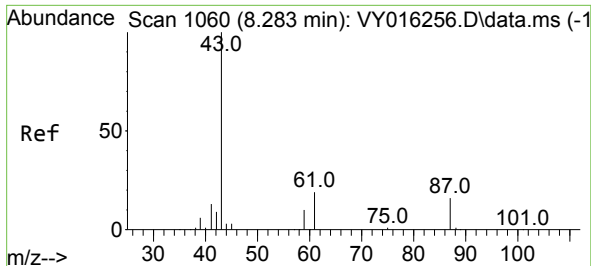
Tgt Ion: 41 Resp: 25097
Ion Ratio Lower Upper
41 100
39 49.8 52.1 78.1#
67 81.1 66.2 99.2
52 31.8 29.9 44.9



#42
1,2-Dichloroethane
Concen: 50.537 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 62 Resp: 89371
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8

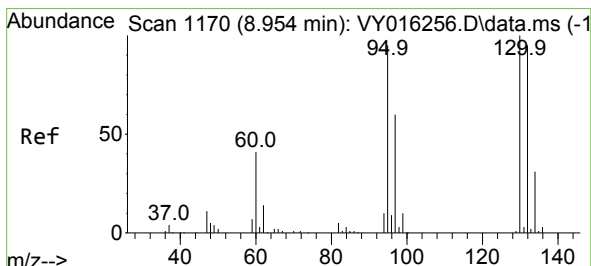
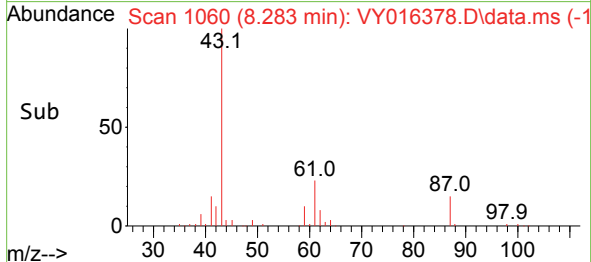
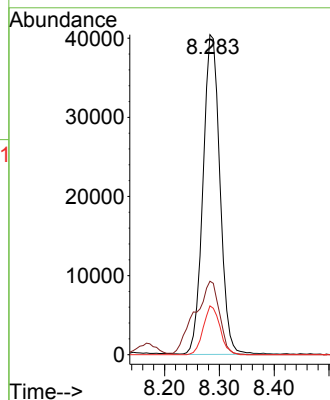
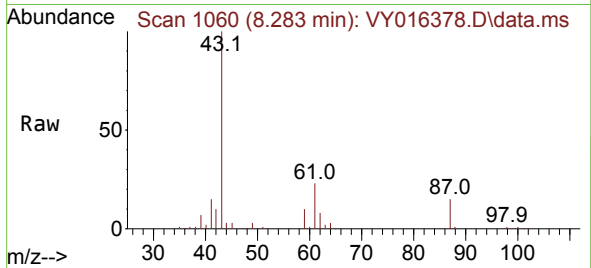




#43
Isopropyl Acetate
Concen: 45.520 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

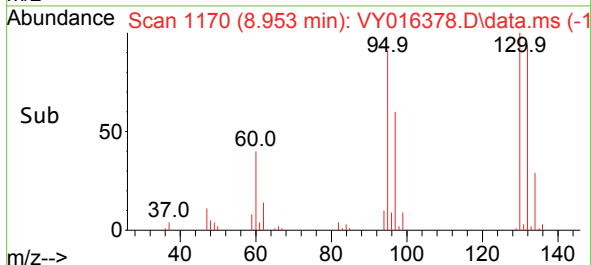
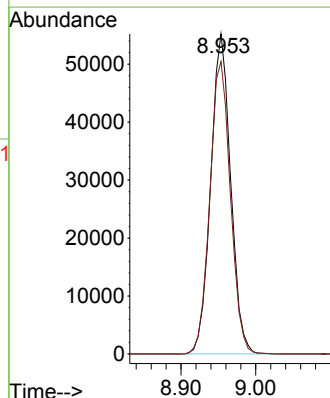
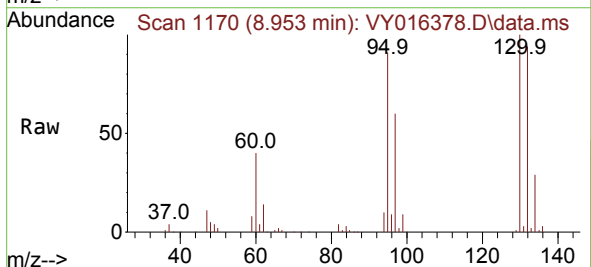
Instrument :
MSVOA_Y
ClientSampleId :

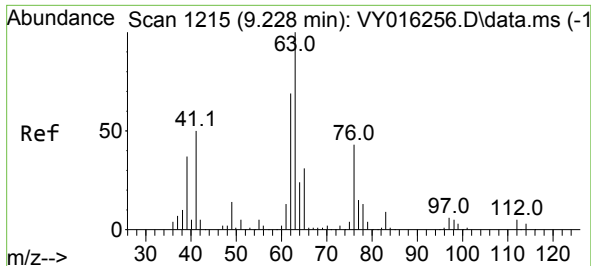
Tgt Ion: 43 Resp: 86366
Ion Ratio Lower Upper
43 100
61 33.7 21.1 31.7#
87 15.1 9.8 14.8#



#44
Trichloroethene
Concen: 52.178 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion:130 Resp: 102349
Ion Ratio Lower Upper
130 100
95 91.4 0.0 196.0

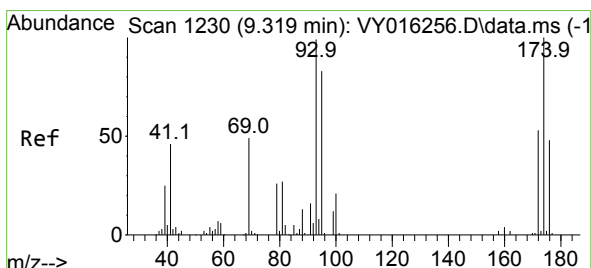
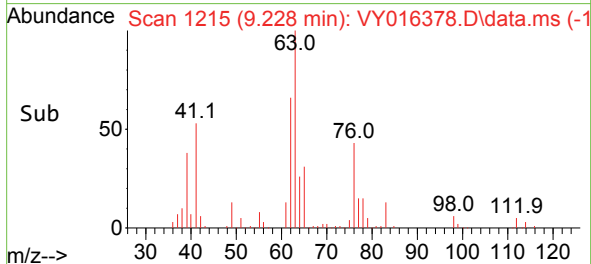
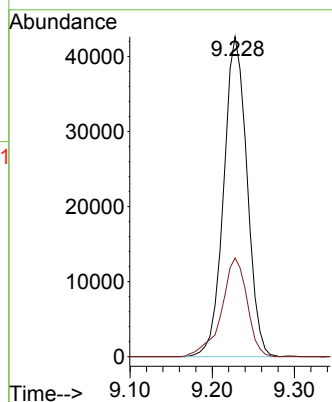
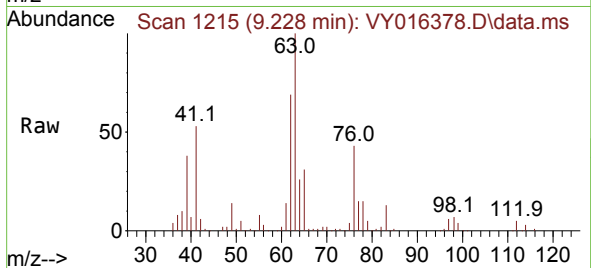




#45
1,2-Dichloropropane
Concen: 51.237 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

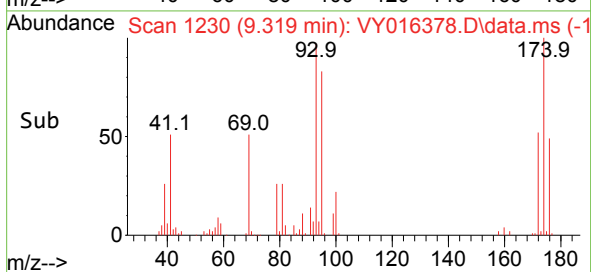
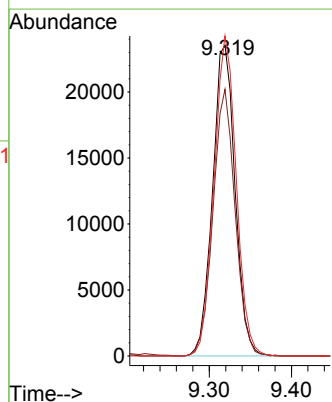
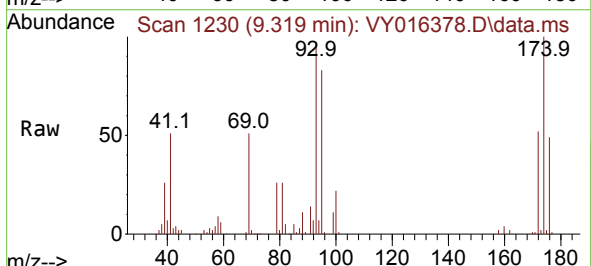
Instrument :
MSVOA_Y
ClientSampleId :

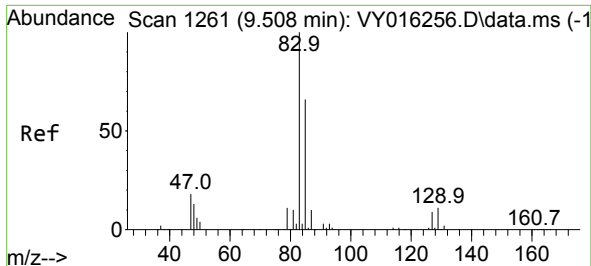
Tgt Ion: 63 Resp: 83984
Ion Ratio Lower Upper
63 100
65 30.8 23.8 35.6



#46
Dibromomethane
Concen: 50.423 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

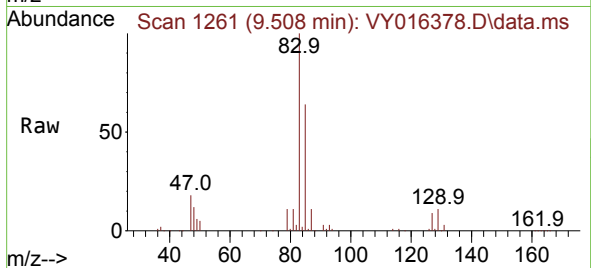
Tgt Ion: 93 Resp: 44788
Ion Ratio Lower Upper
93 100
95 84.4 66.6 100.0
174 101.8 84.8 127.2



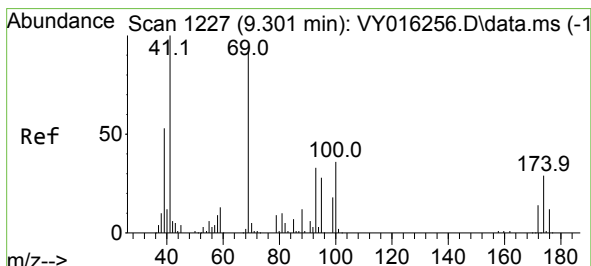
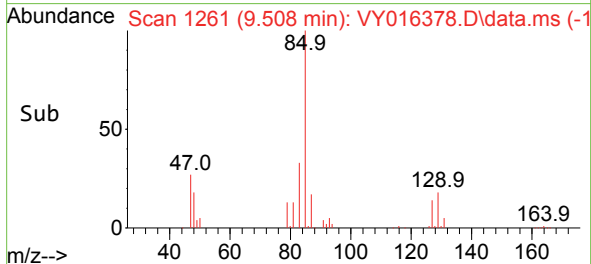
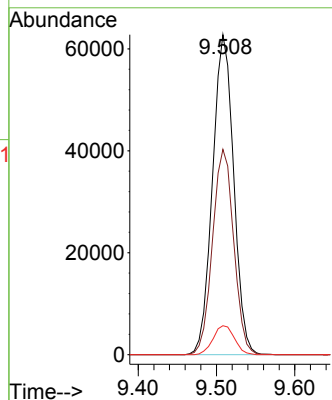


#47
Bromodichloromethane
Concen: 51.506 ug/l
RT: 9.508 min Scan# 117618
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Instrument :
MSVOA_Y
ClientSampleId :

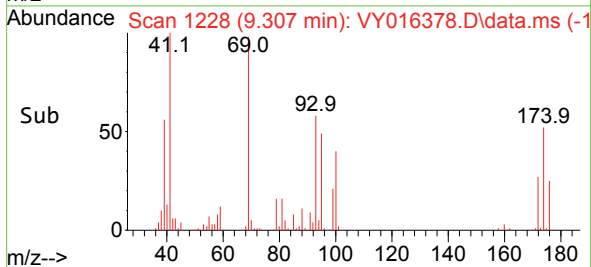
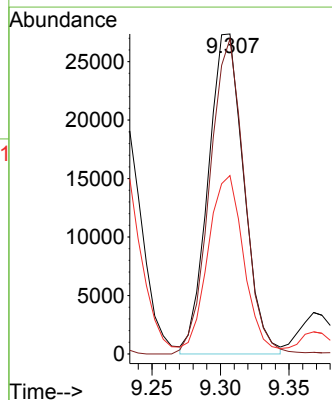
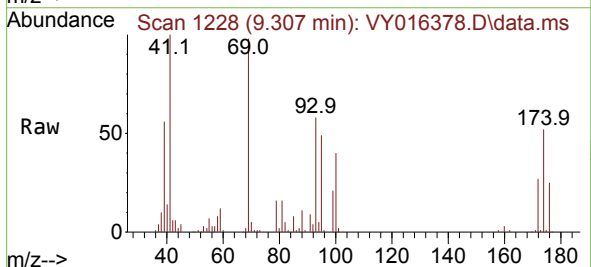


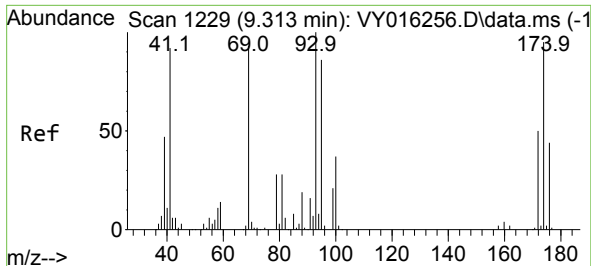
Tgt Ion: 83 Resp: 117618
Ion Ratio Lower Upper
83 100
85 64.1 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 47.310 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 41 Resp: 49609
Ion Ratio Lower Upper
41 100
69 95.6 64.5 96.7
39 52.8 50.8 76.2

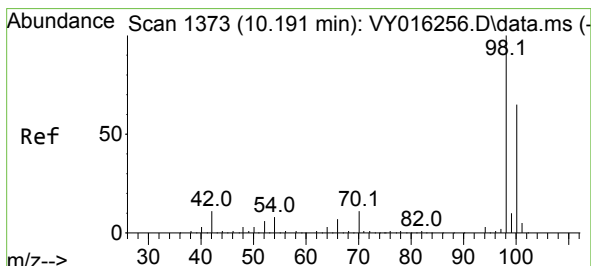
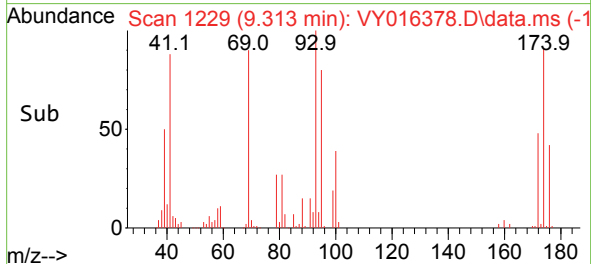
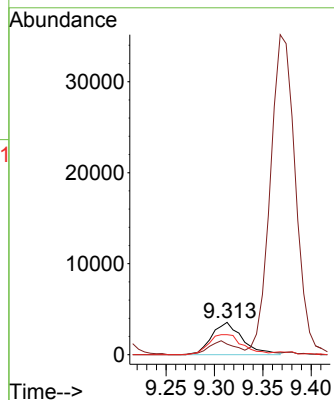
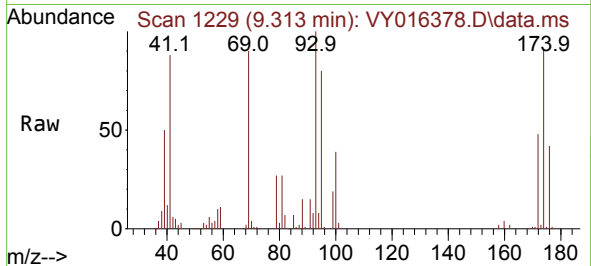




#49
1,4-Dioxane
Concen: 832.760 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

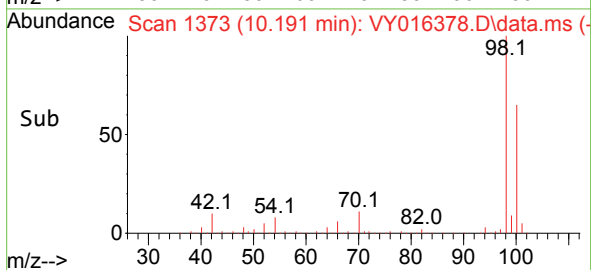
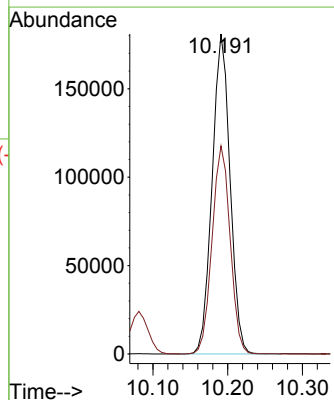
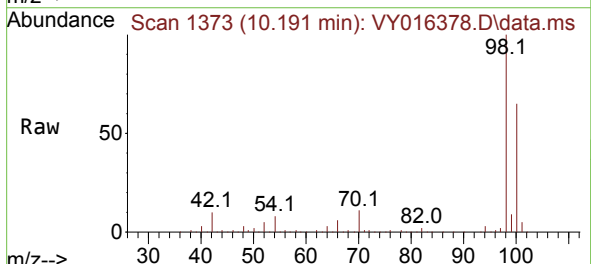
Instrument :
MSVOA_Y
ClientSampleId :

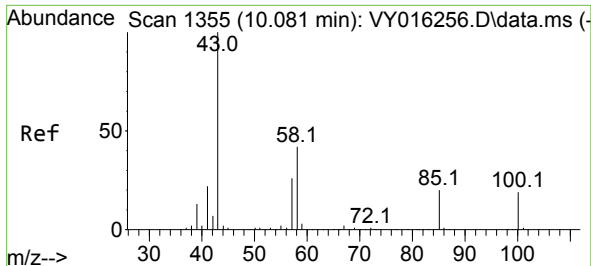
Tgt Ion: 88 Resp: 7853
Ion Ratio Lower Upper
88 100
43 36.5 0.0 0.0#
58 68.0 30.9 46.3#



#50
Toluene-d8
Concen: 53.193 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 98 Resp: 301786
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 229.261 ug/l

RT: 10.081 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

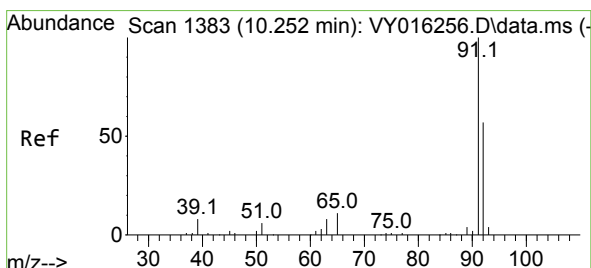
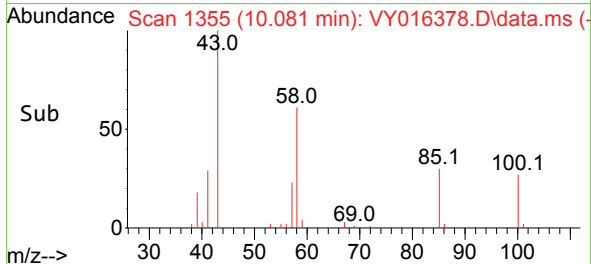
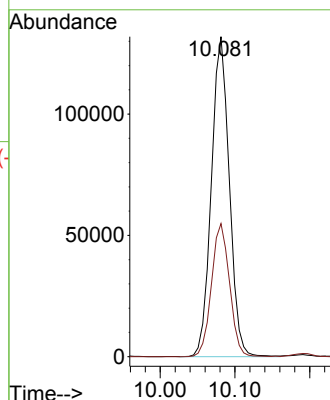
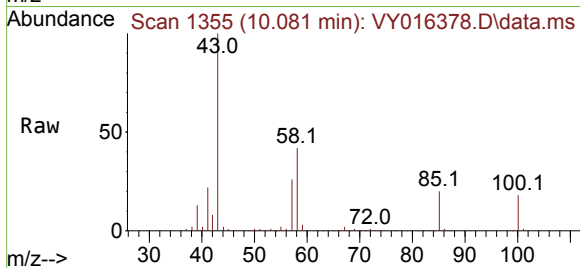
ClientSampleId :

Tgt Ion: 43 Resp: 219961

Ion Ratio Lower Upper

43 100

58 41.9 29.0 43.6



#52

Toluene

Concen: 52.502 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016378.D

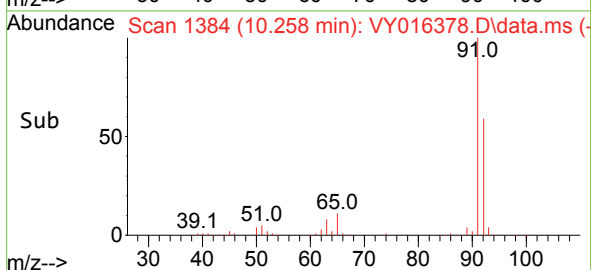
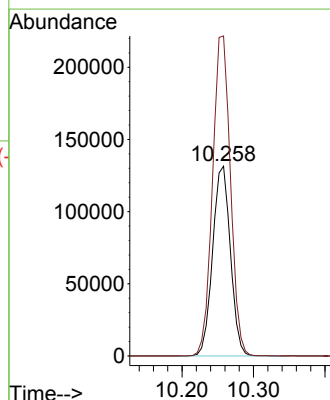
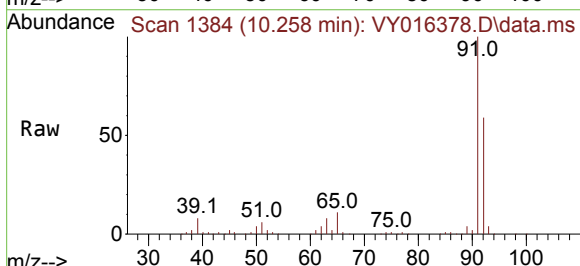
Acq: 16 Nov 2023 08:59

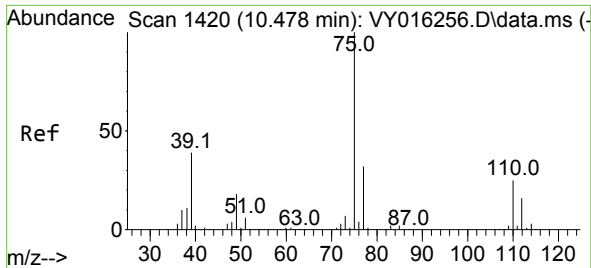
Tgt Ion: 92 Resp: 226516

Ion Ratio Lower Upper

92 100

91 170.6 143.8 215.6

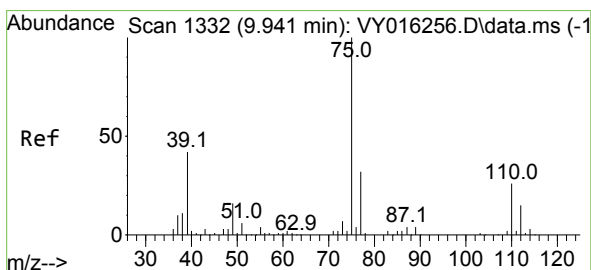
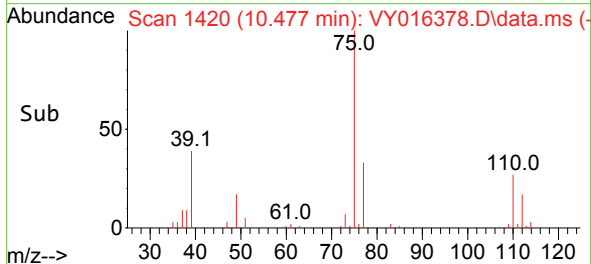
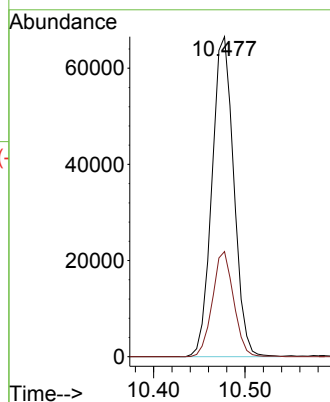
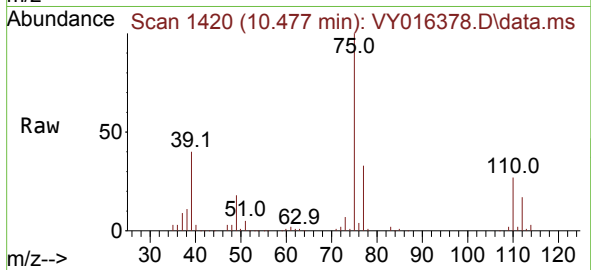




#53
 t-1,3-Dichloropropene
 Concen: 49.934 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016378.D
 Acq: 16 Nov 2023 08:59

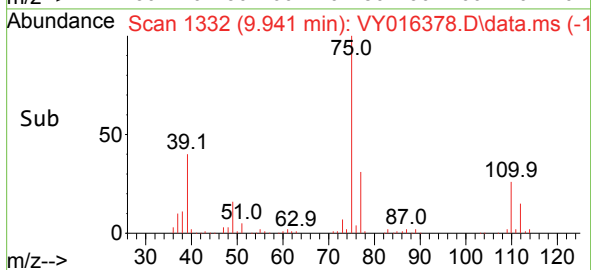
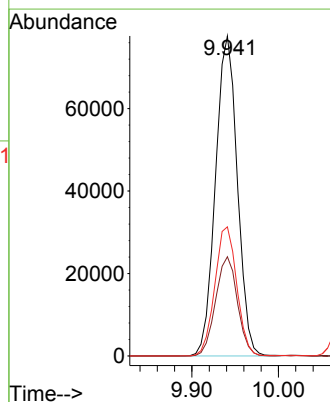
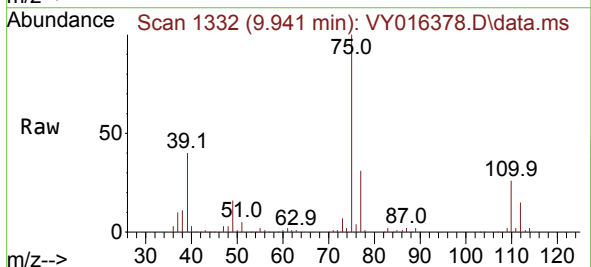
Instrument :
 MSVOA_Y
 ClientSampleId :

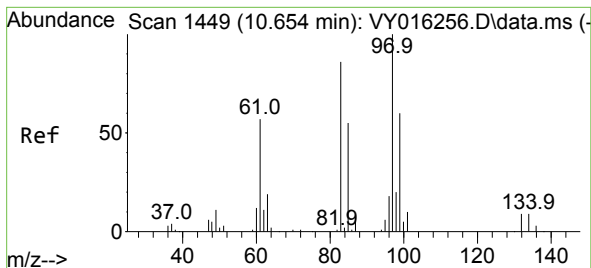
Tgt Ion: 75 Resp: 110543
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.413 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016378.D
 Acq: 16 Nov 2023 08:59

Tgt Ion: 75 Resp: 135940
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.2 36.4
 39 40.3 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 51.710 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

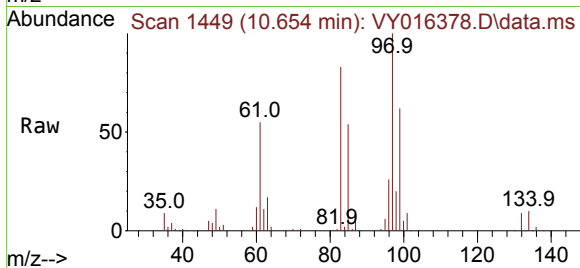
Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 63307

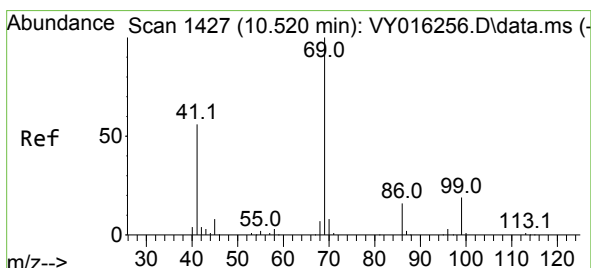
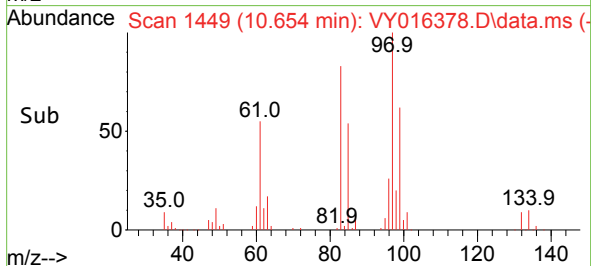
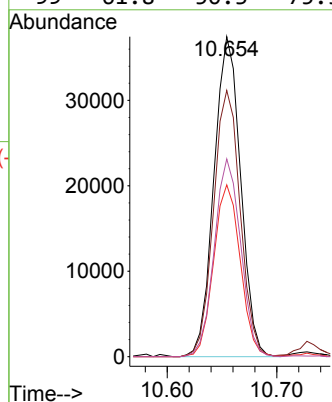
Ion Ratio Lower Upper

97 100

83 83.2 72.0 108.0

85 53.7 45.4 68.0

99 61.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 49.039 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

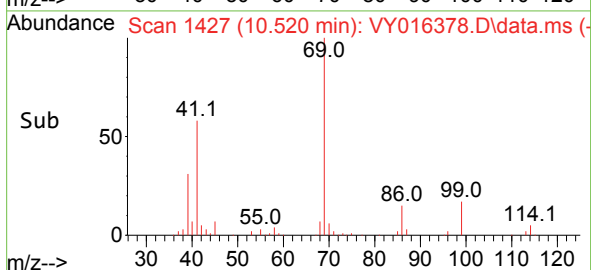
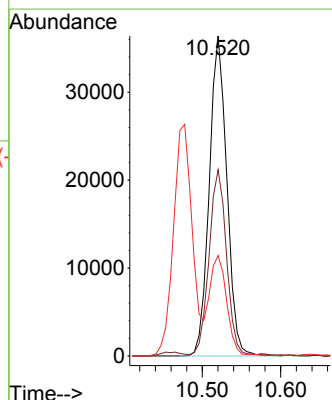
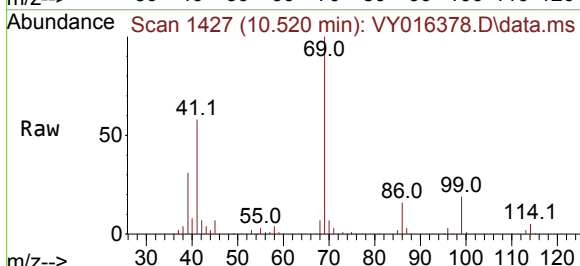
Tgt Ion: 69 Resp: 56674

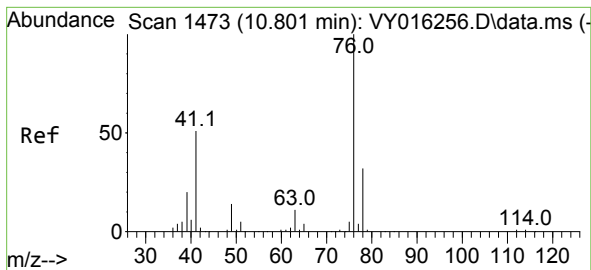
Ion Ratio Lower Upper

69 100

41 57.4 57.6 86.4#

39 30.1 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 50.197 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

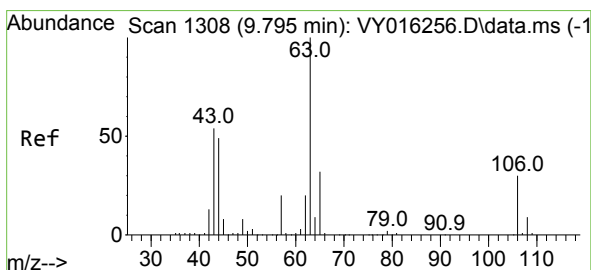
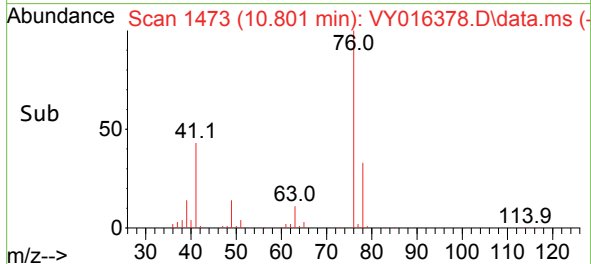
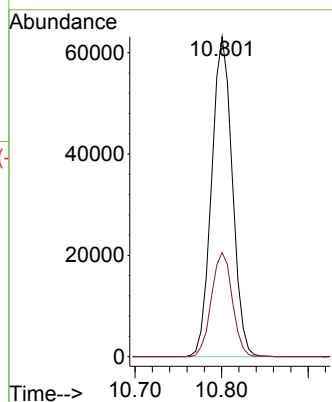
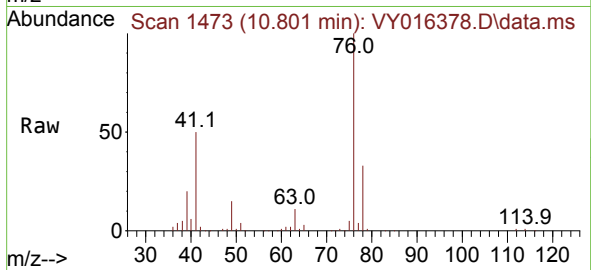
ClientSampleId :

Tgt Ion: 76 Resp: 104756

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 252.659 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016378.D

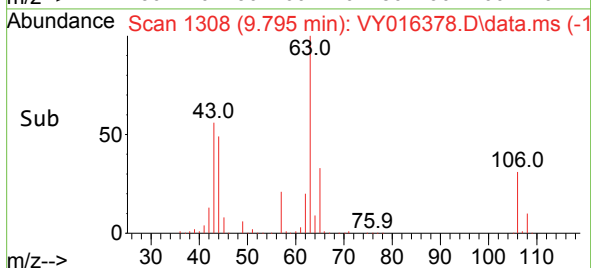
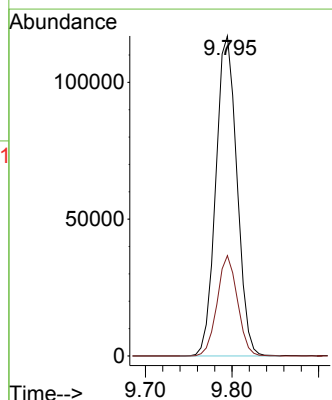
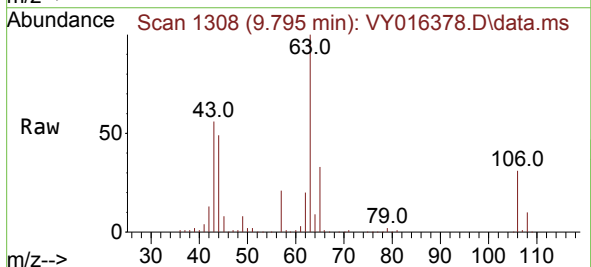
Acq: 16 Nov 2023 08:59

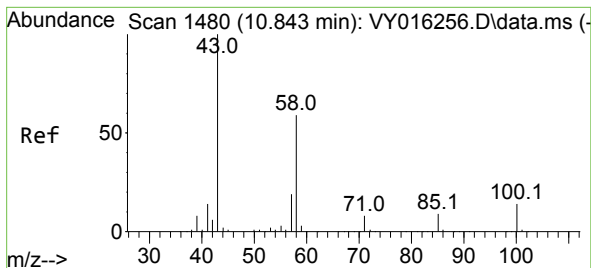
Tgt Ion: 63 Resp: 197992

Ion Ratio Lower Upper

63 100

106 30.1 21.2 31.8

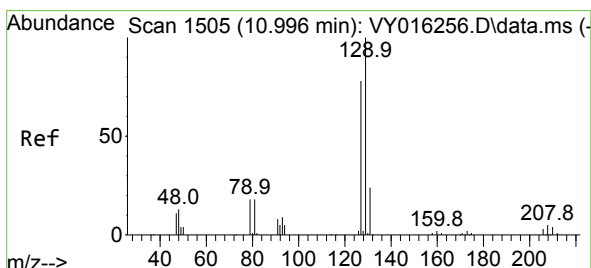
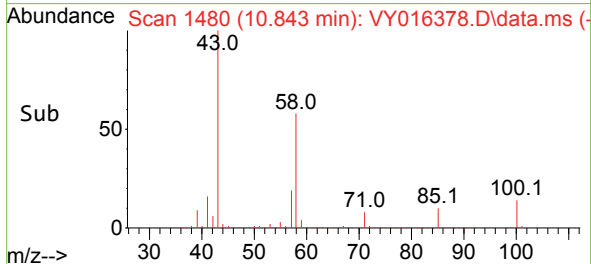
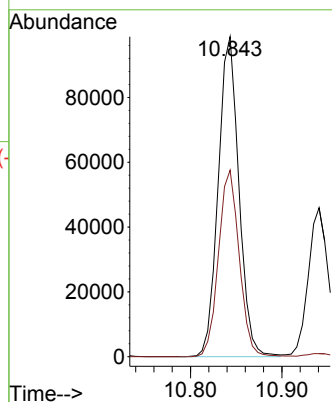
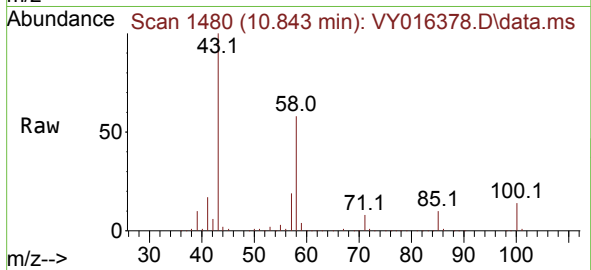




#59
2-Hexanone
Concen: 217.713 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

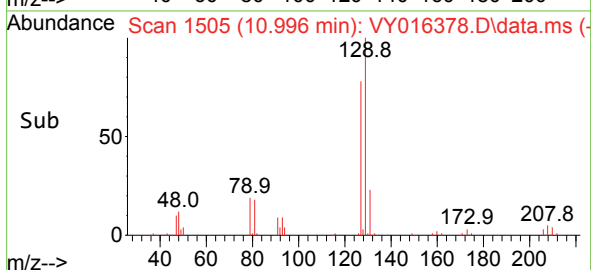
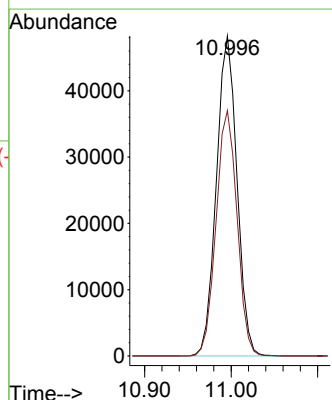
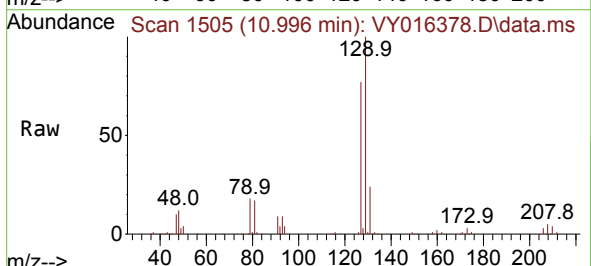
Instrument :
MSVOA_Y
ClientSampleId :

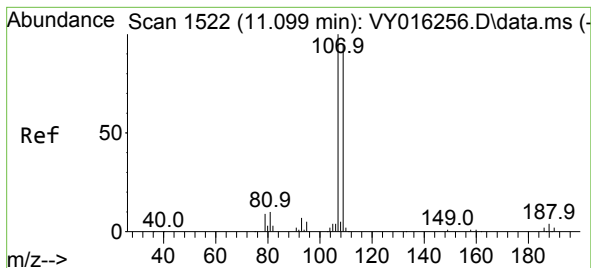
Tgt Ion: 43 Resp: 155371
Ion Ratio Lower Upper
43 100
58 58.4 25.1 75.3



#60
Dibromochloromethane
Concen: 52.002 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 129 Resp: 79623
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

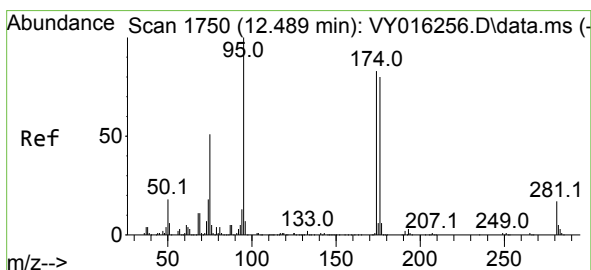
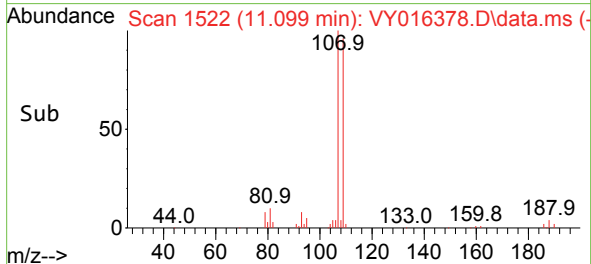
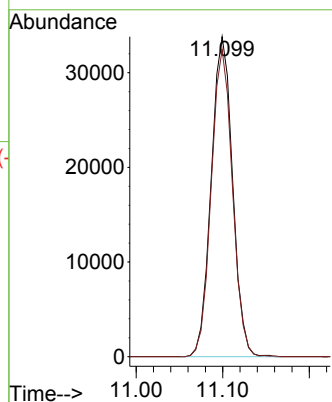
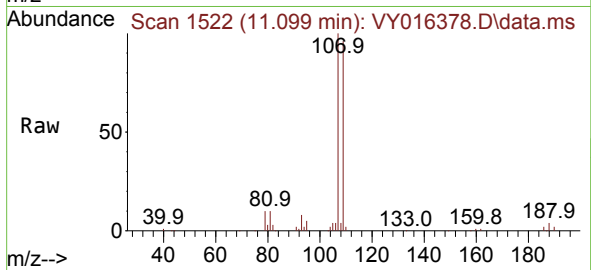




#61
1,2-Dibromoethane
Concen: 49.587 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

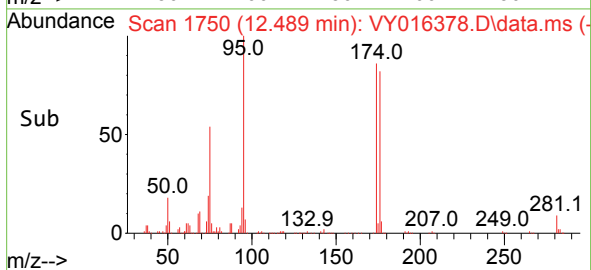
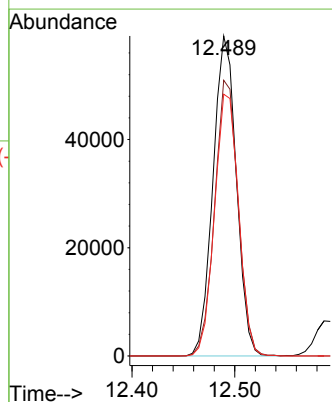
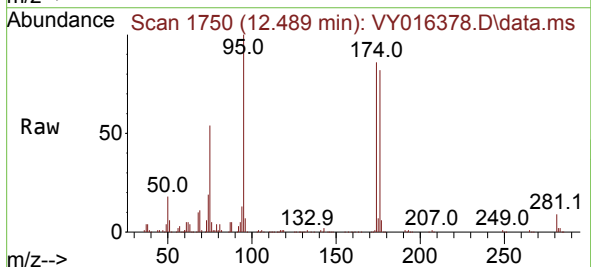
Instrument :
MSVOA_Y
ClientSampleId :

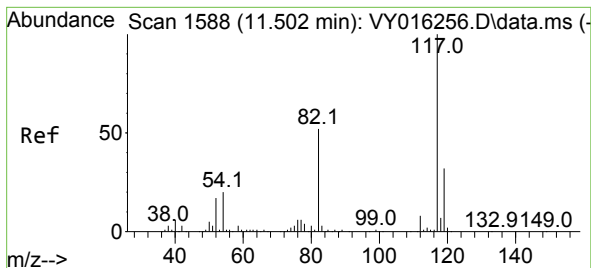
Tgt Ion:107 Resp: 57837
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.714 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 95 Resp: 93448
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 84.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

ClientSampleId :

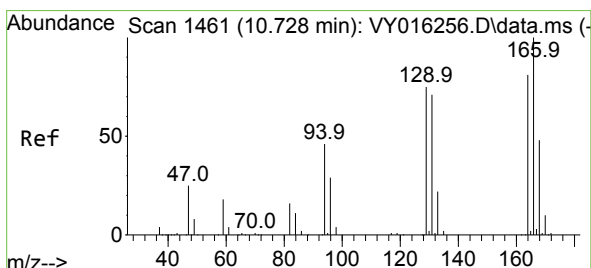
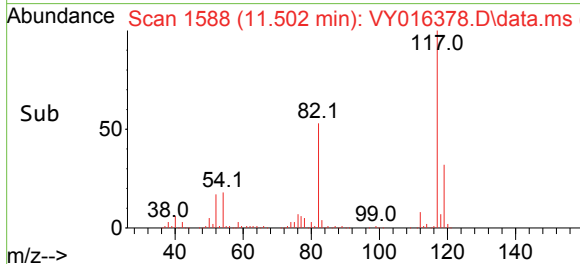
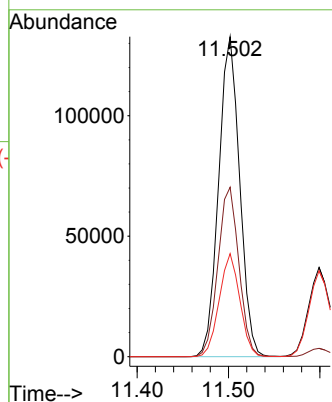
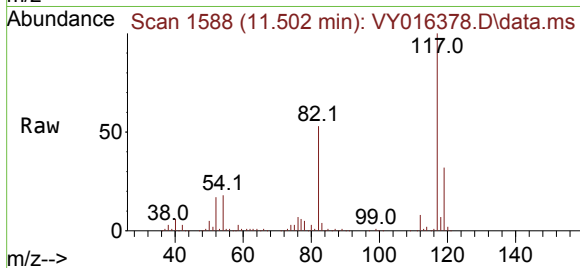
Tgt Ion:117 Resp: 212467

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 52.461 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Tgt Ion:164 Resp: 100082

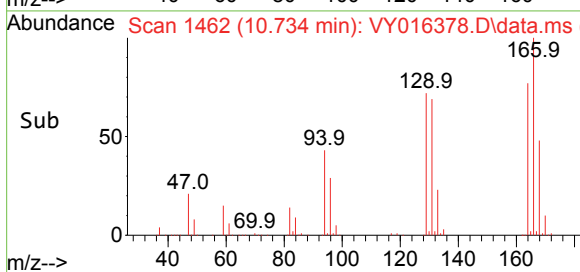
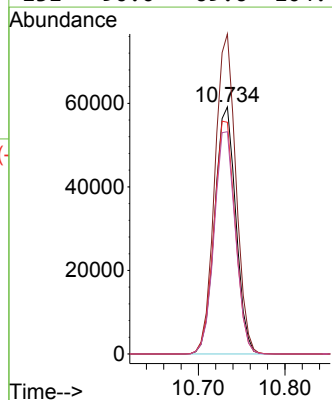
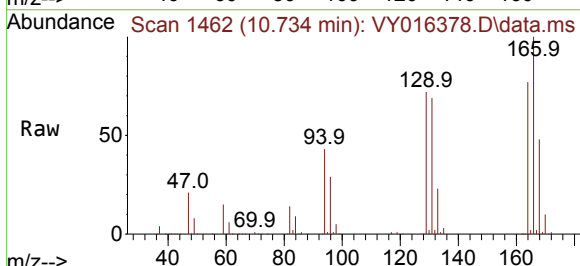
Ion Ratio Lower Upper

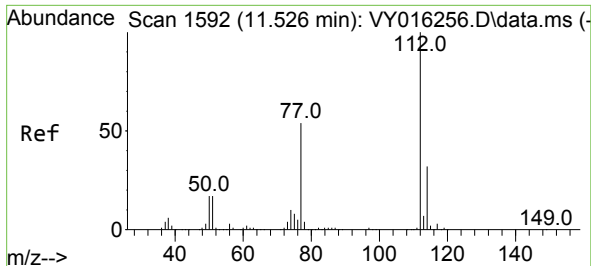
164 100

166 129.5 103.0 154.6

129 93.8 77.2 115.8

131 90.0 69.6 104.4

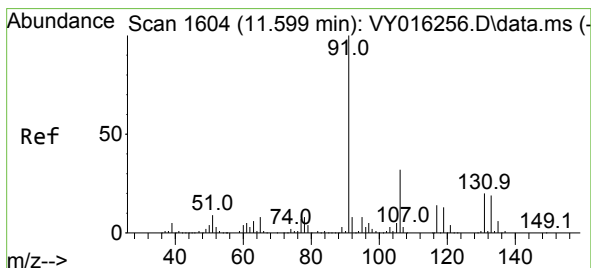
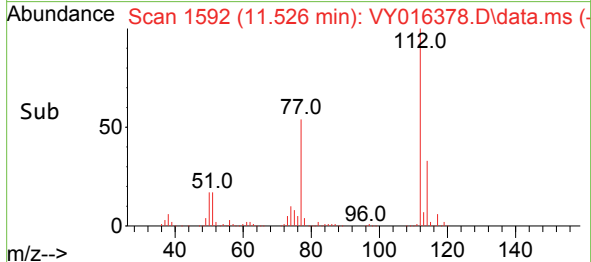
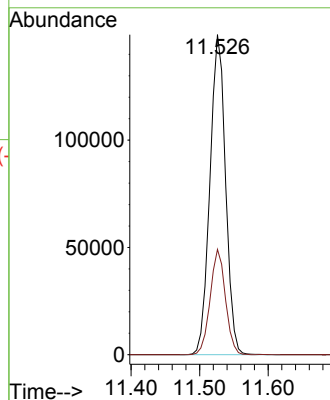
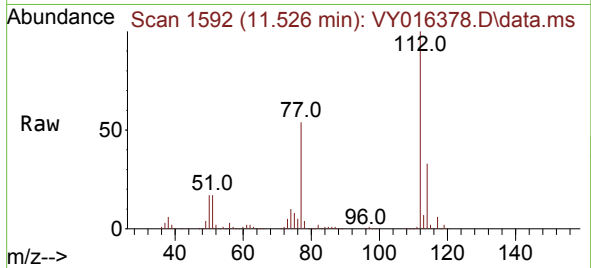




#65
Chlorobenzene
Concen: 52.147 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

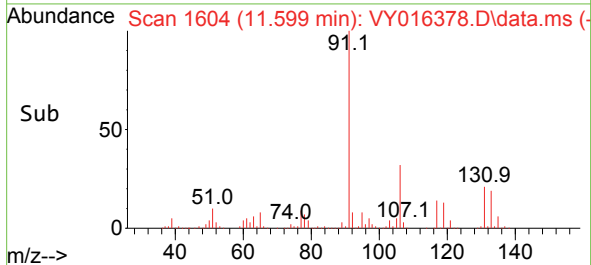
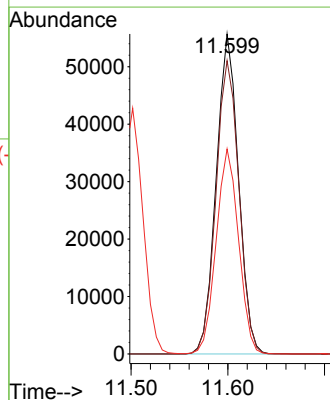
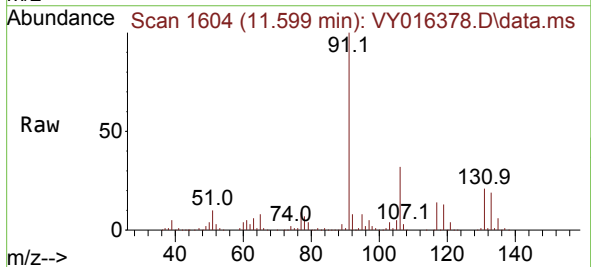
Instrument :
MSVOA_Y
ClientSampleId :

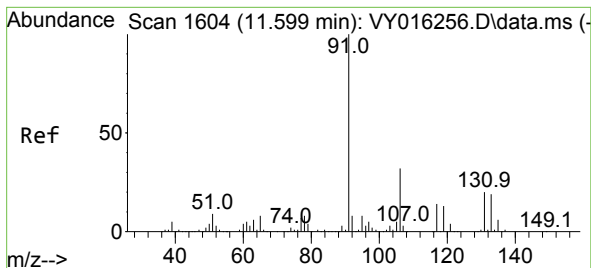
Tgt Ion:112 Resp: 236717
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.174 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion:131 Resp: 89029
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 64.5 31.6 94.7





#67

Ethyl Benzene

Concen: 53.060 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

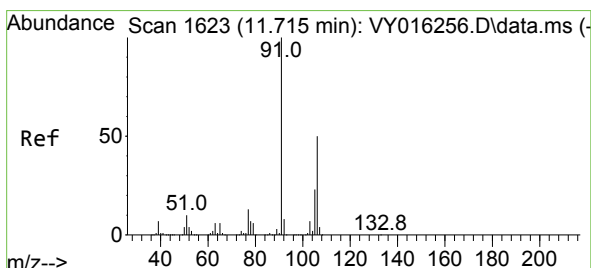
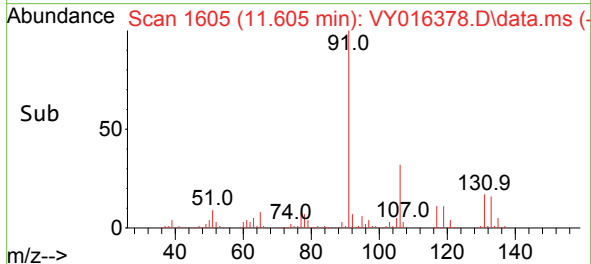
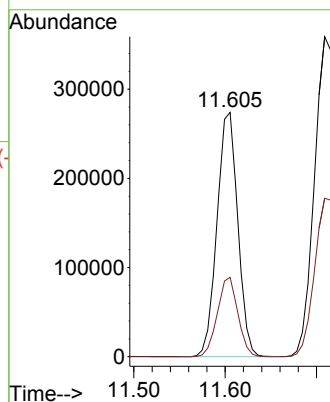
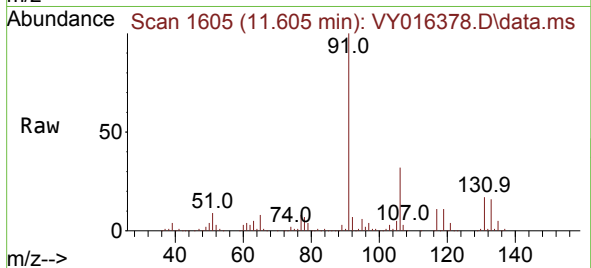
ClientSampleId :

Tgt Ion: 91 Resp: 432868

Ion Ratio Lower Upper

91 100

106 32.5 24.6 36.8



#68

m/p-Xylenes

Concen: 106.498 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.006 min

Lab File: VY016378.D

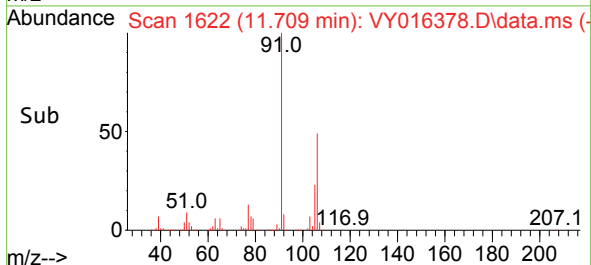
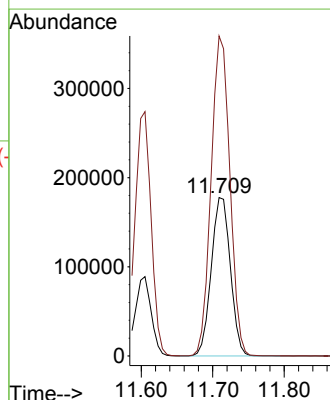
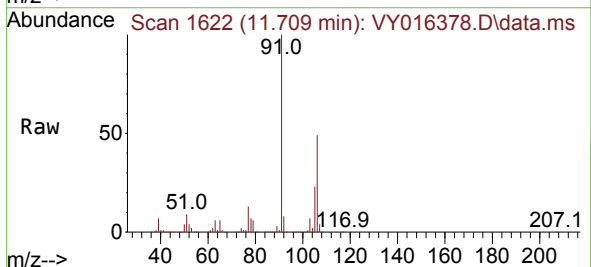
Acq: 16 Nov 2023 08:59

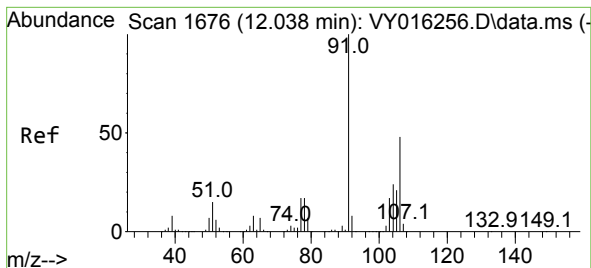
Tgt Ion:106 Resp: 329534

Ion Ratio Lower Upper

106 100

91 198.8 166.1 249.1





#69

o-Xylene

Concen: 52.394 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

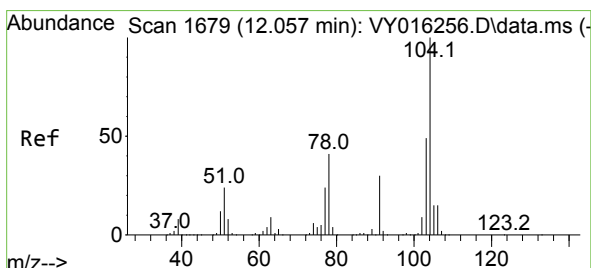
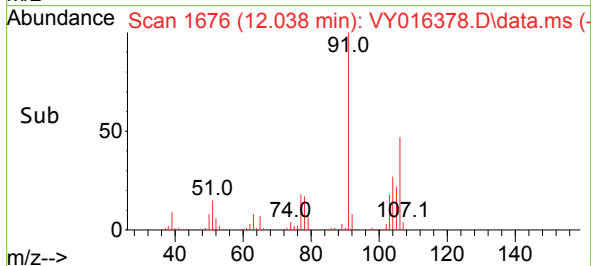
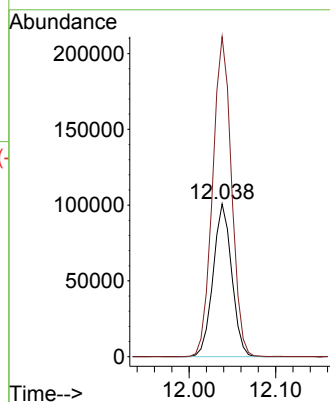
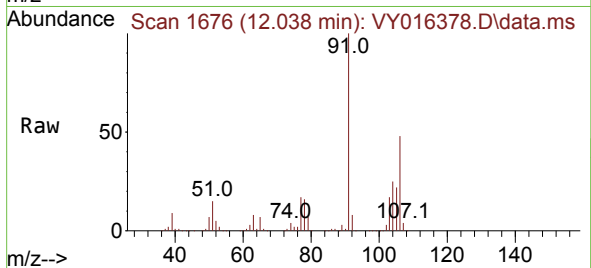
ClientSampleId :

Tgt Ion:106 Resp: 150524

Ion Ratio Lower Upper

106 100

91 213.0 108.1 324.3



#70

Styrene

Concen: 53.150 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

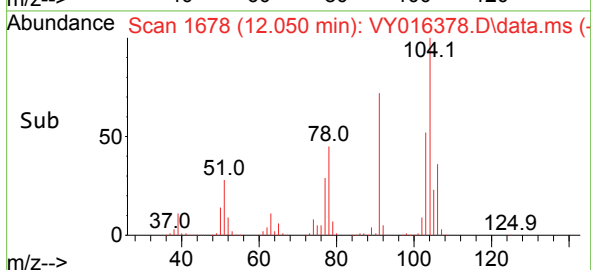
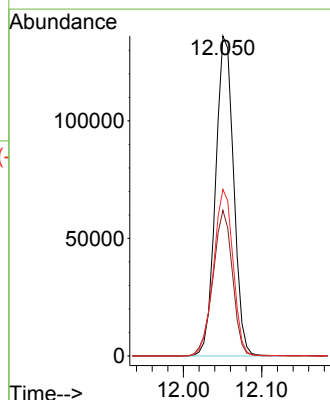
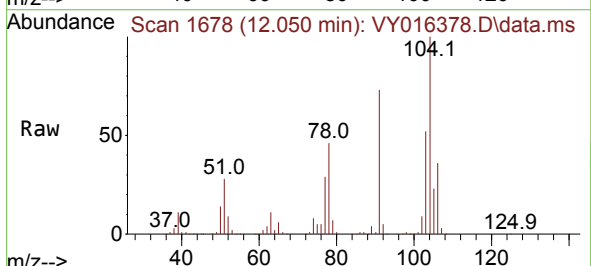
Tgt Ion:104 Resp: 218645

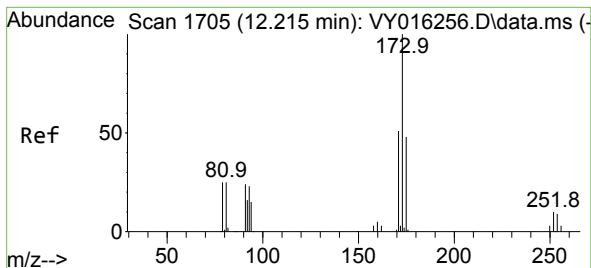
Ion Ratio Lower Upper

104 100

78 49.1 41.5 62.3

103 56.3 44.6 67.0





#71

Bromoform

Concen: 51.762 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VY016378.D

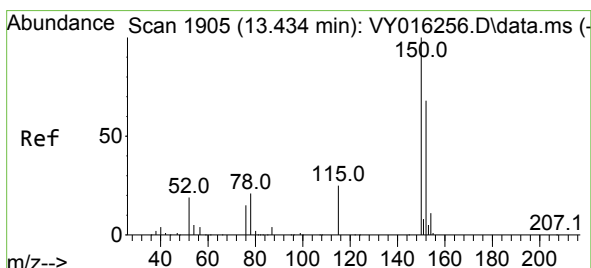
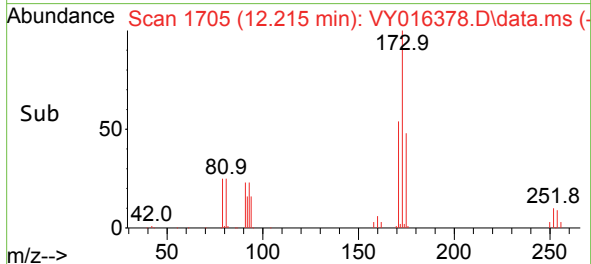
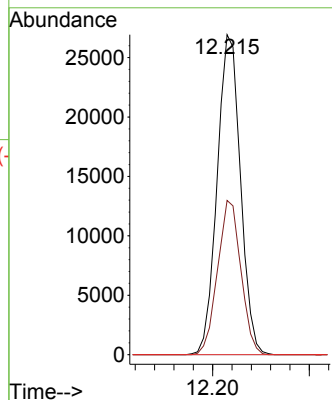
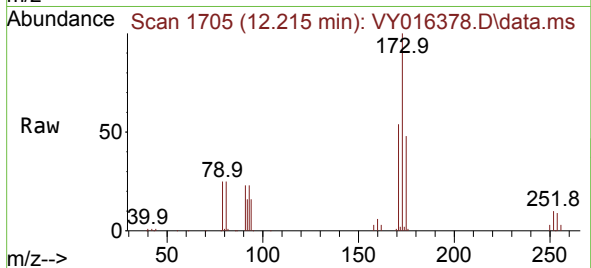
Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	44969
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.6	73.8
254	0.0	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

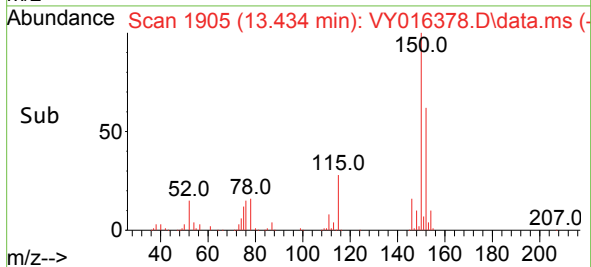
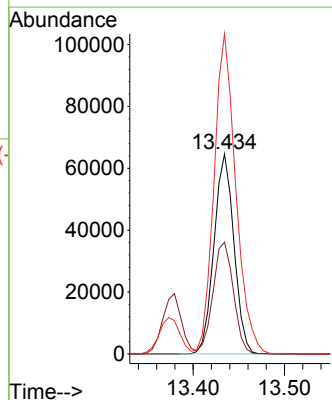
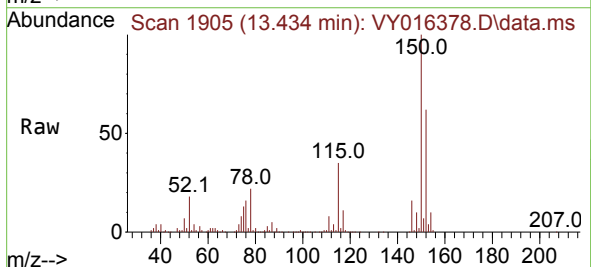
RT: 13.434 min Scan# 1905

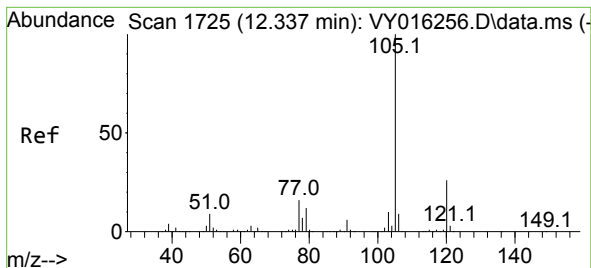
Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Tgt Ion:	152	Resp:	98061
Ion Ratio	Lower	Upper	
152	100		
115	57.2	28.8	86.5
150	174.9	0.0	348.8





#73

Isopropylbenzene

Concen: 52.906 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

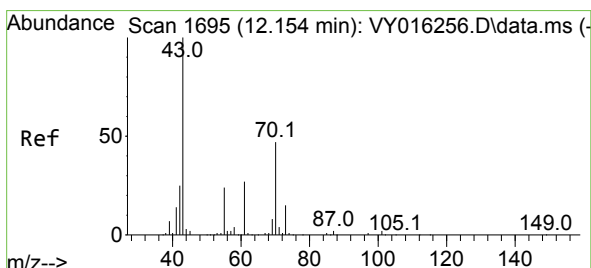
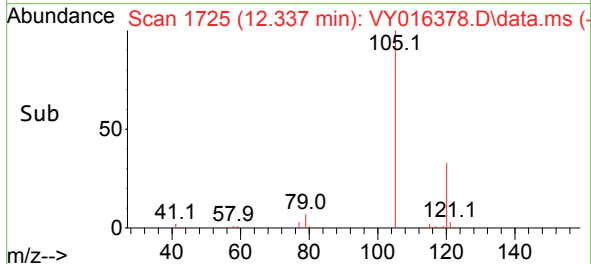
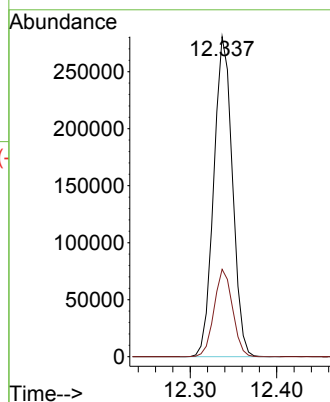
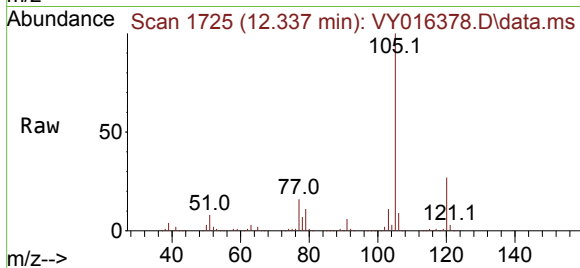
ClientSampleId :

Tgt Ion:105 Resp: 420116

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 44.525 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Tgt Ion: 43 Resp: 71018

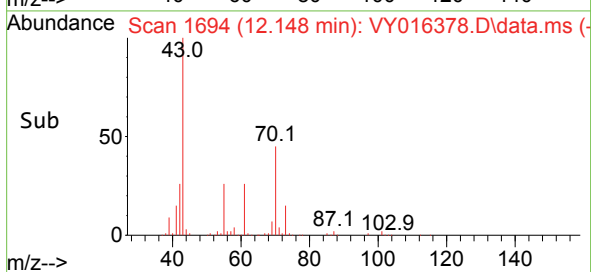
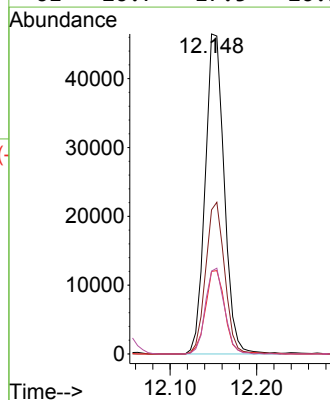
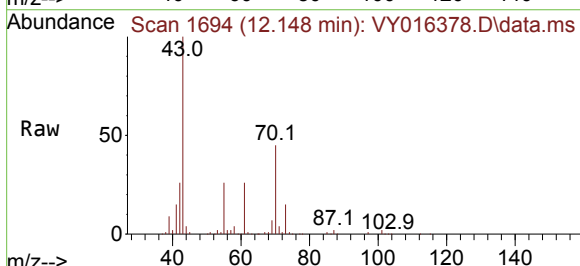
Ion Ratio Lower Upper

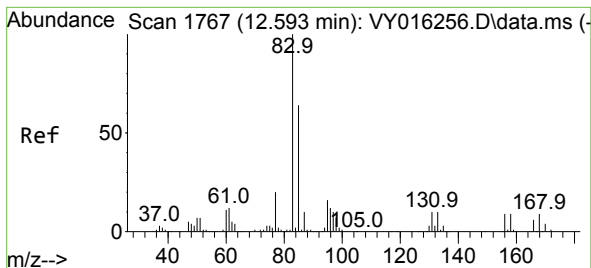
43 100

70 47.4 29.7 44.5#

55 26.8 18.3 27.5

61 26.7 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 48.392 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

ClientSampleId :

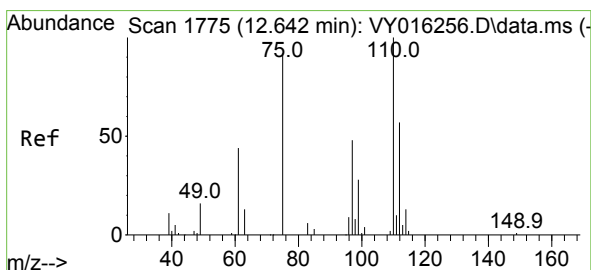
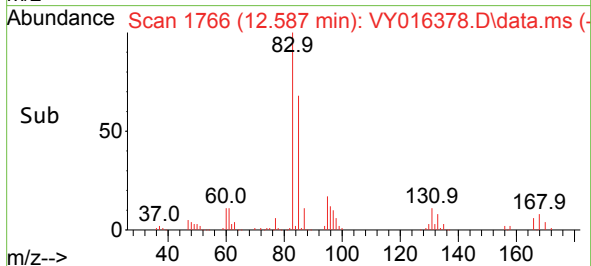
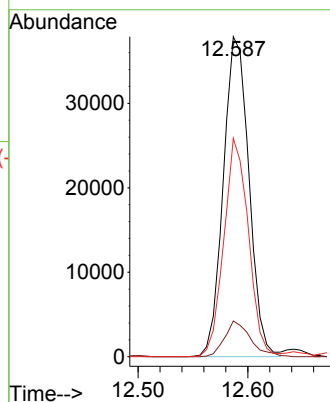
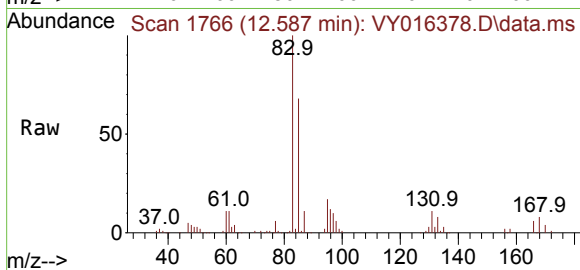
Tgt Ion: 83 Resp: 61662

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

85 65.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 89.153 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016378.D

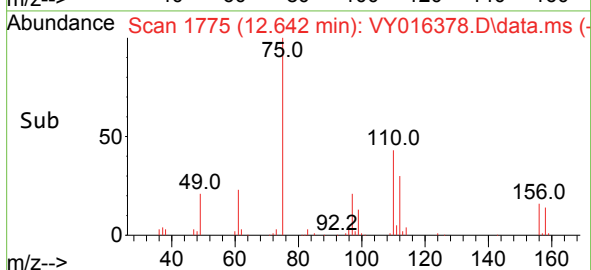
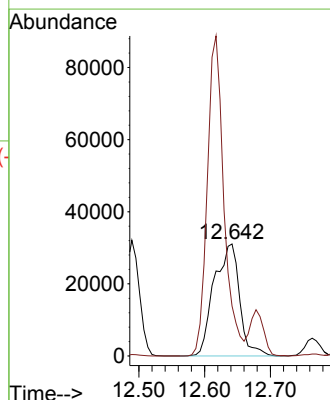
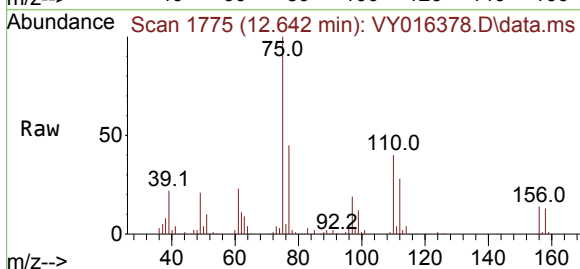
Acq: 16 Nov 2023 08:59

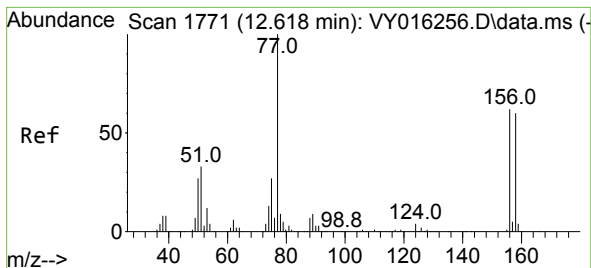
Tgt Ion: 75 Resp: 83865

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.581 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

ClientSampleId :

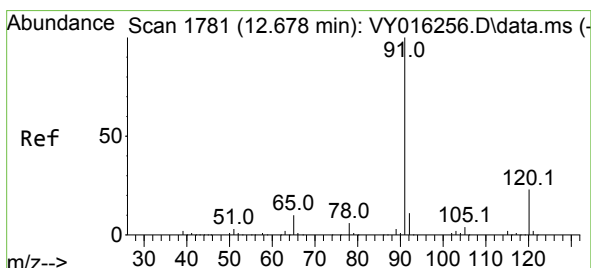
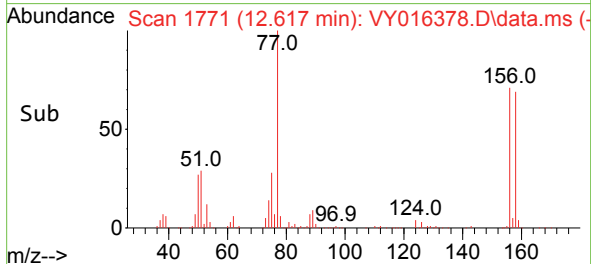
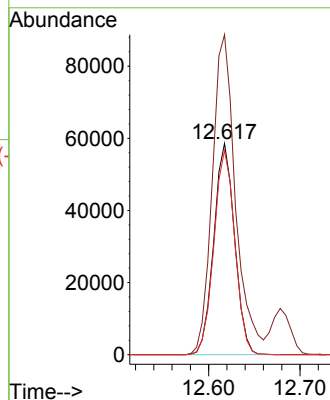
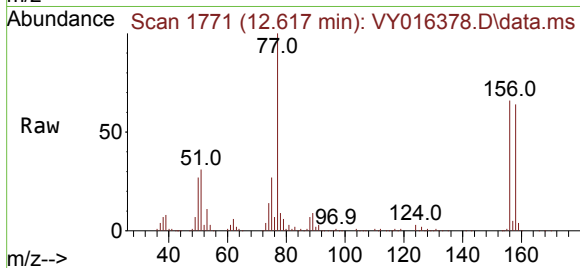
Tgt Ion:156 Resp: 92574

Ion Ratio Lower Upper

156 100

77 169.6 92.8 278.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 52.657 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016378.D

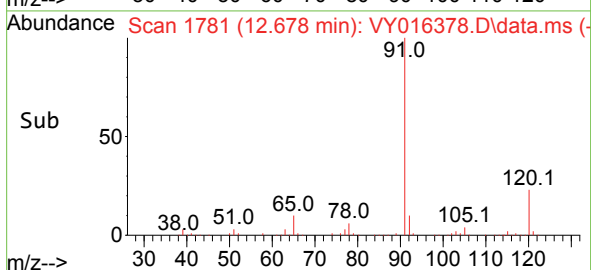
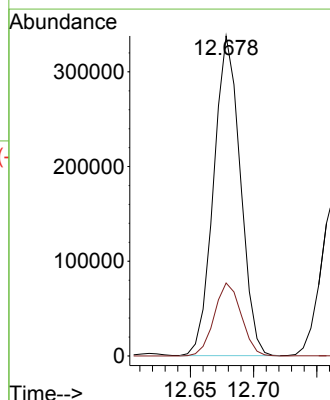
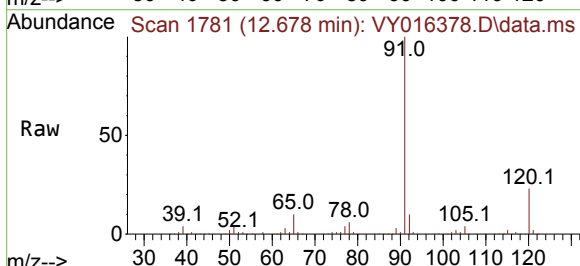
Acq: 16 Nov 2023 08:59

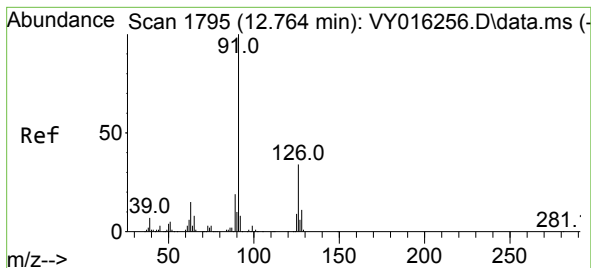
Tgt Ion: 91 Resp: 494148

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

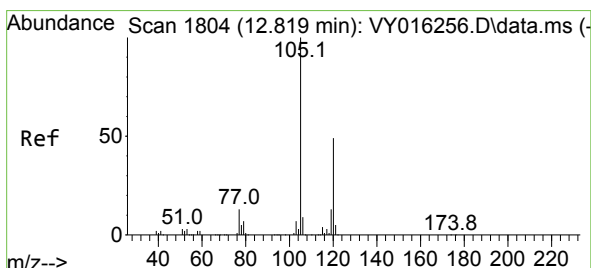
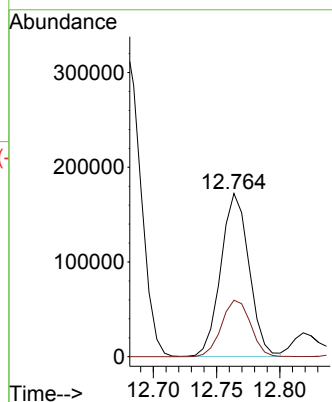
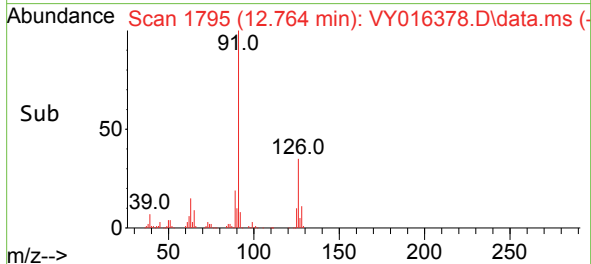
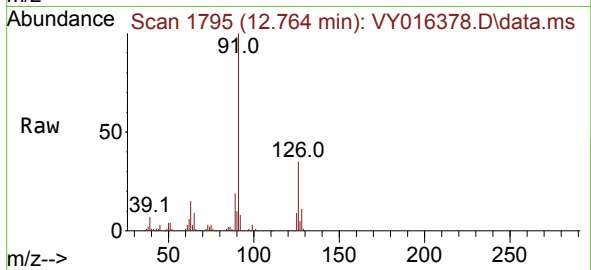




#79
2-Chlorotoluene
Concen: 51.703 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

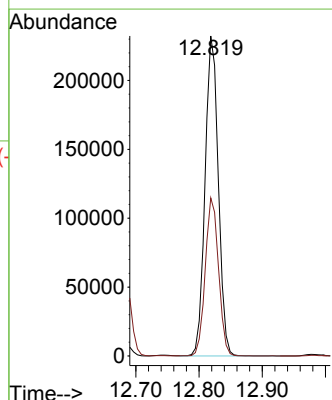
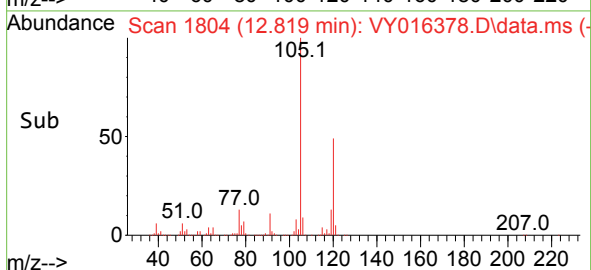
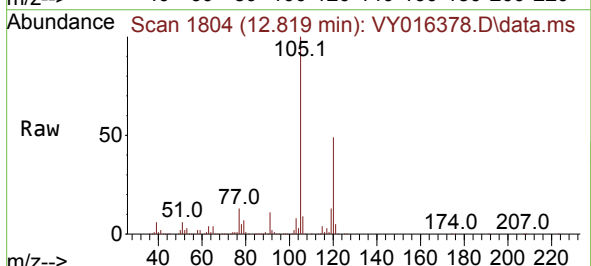
Instrument :
MSVOA_Y
ClientSampleId :

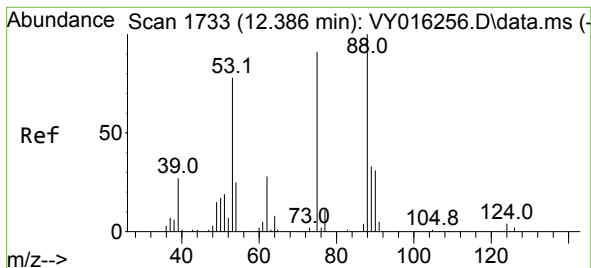
Tgt Ion: 91 Resp: 267394
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.990 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 105 Resp: 339254
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

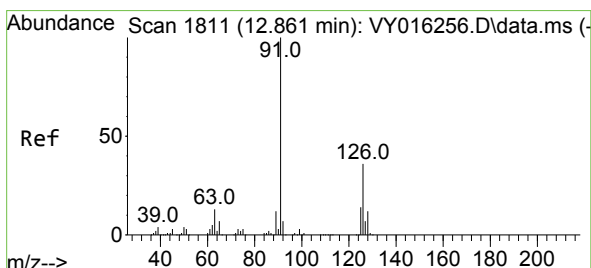
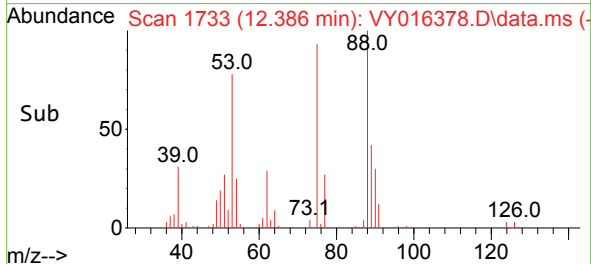
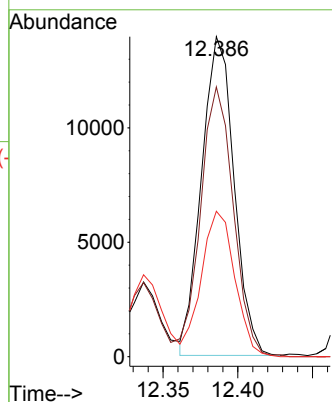
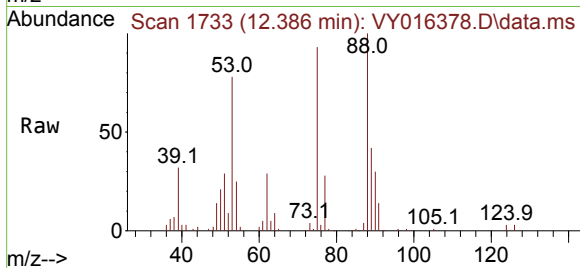




#81
trans-1,4-Dichloro-2-butene
Concen: 48.590 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

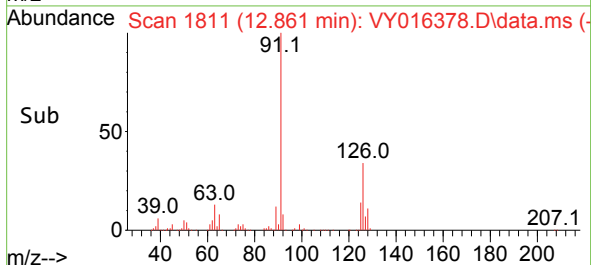
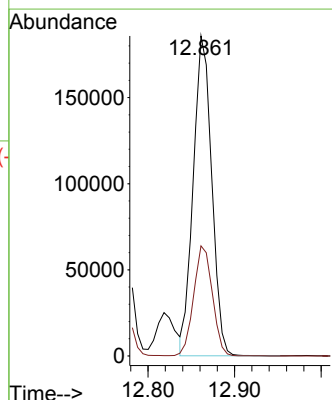
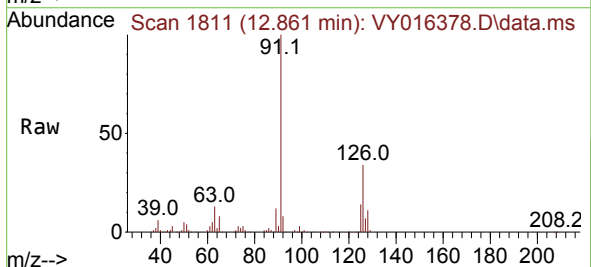
Instrument :
MSVOA_Y
ClientSampleId :

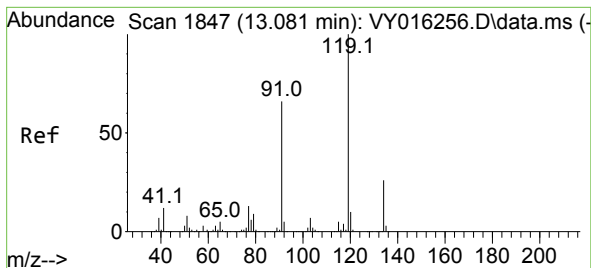
Tgt Ion: 75 Resp: 21058
Ion Ratio Lower Upper
75 100
53 85.9 77.8 116.8
89 47.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.469 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 91 Resp: 275050
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 53.717 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

ClientSampleId :

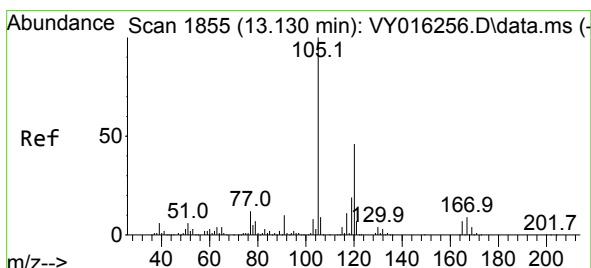
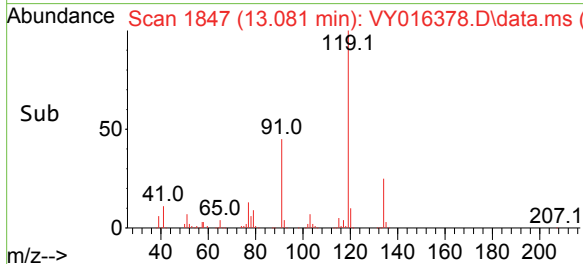
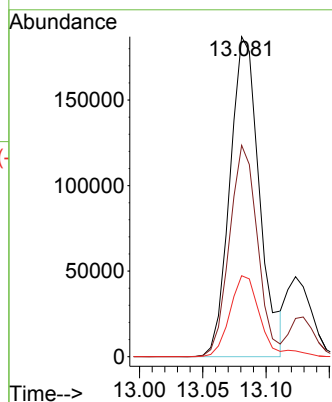
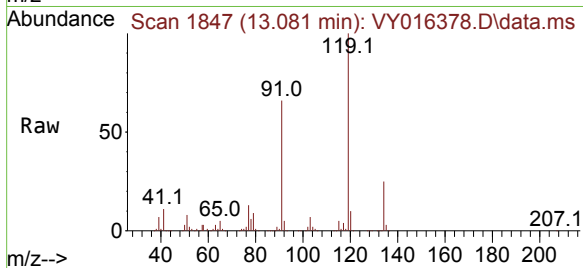
Tgt Ion:119 Resp: 302920

Ion Ratio Lower Upper

119 100

91 62.9 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.457 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016378.D

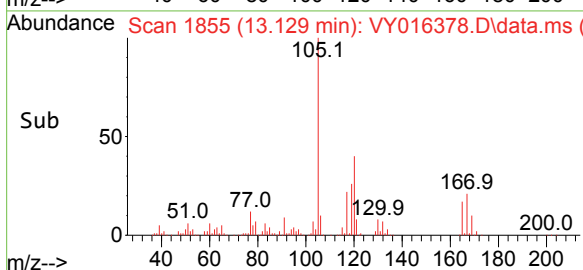
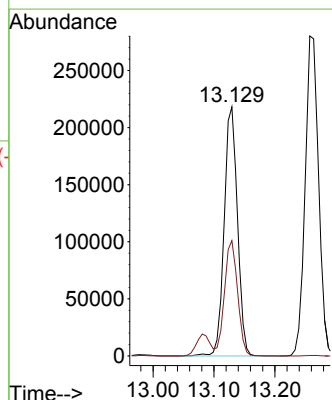
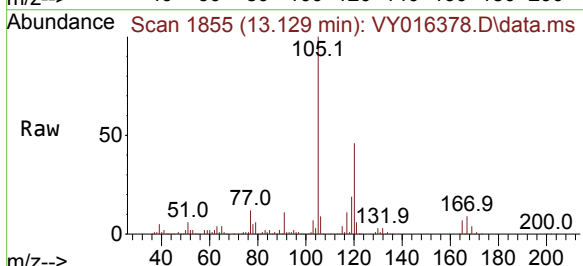
Acq: 16 Nov 2023 08:59

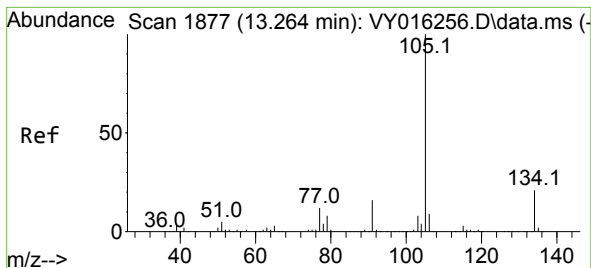
Tgt Ion:105 Resp: 330689

Ion Ratio Lower Upper

105 100

120 45.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 53.099 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

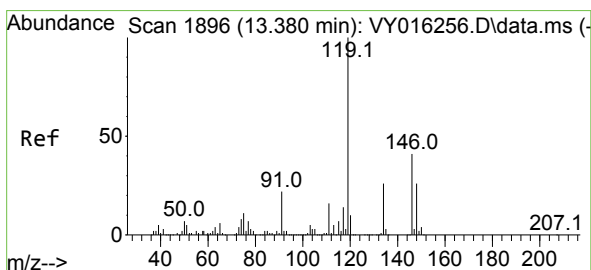
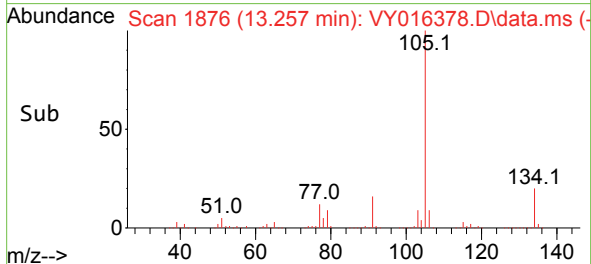
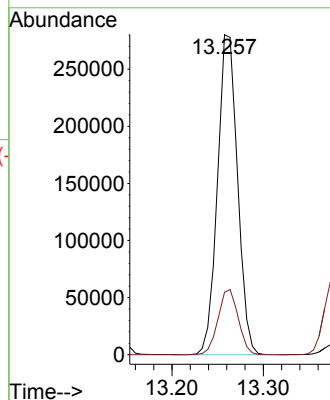
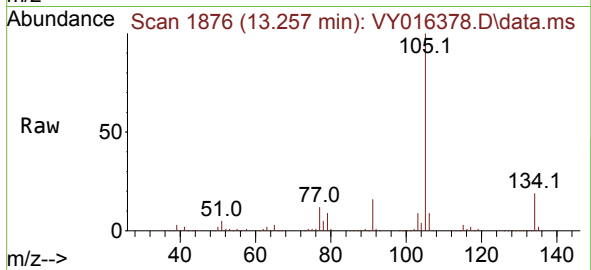
ClientSampleId :

Tgt Ion:105 Resp: 427783

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 53.501 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

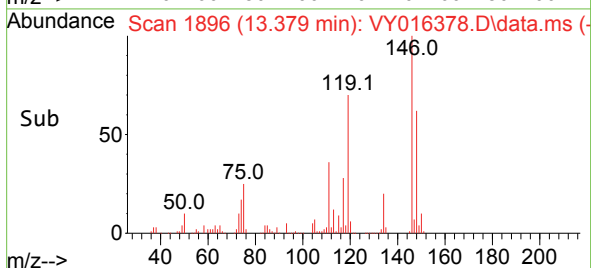
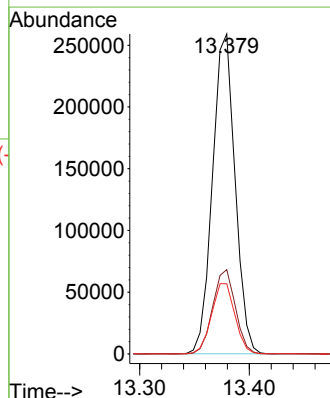
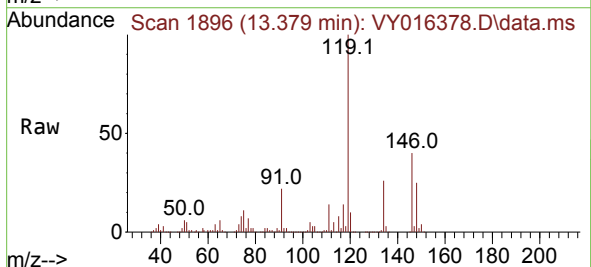
Tgt Ion:119 Resp: 371140

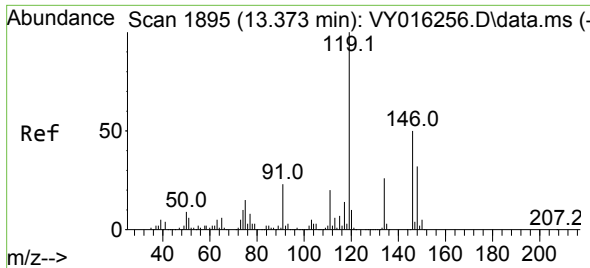
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 22.8 12.4 37.4

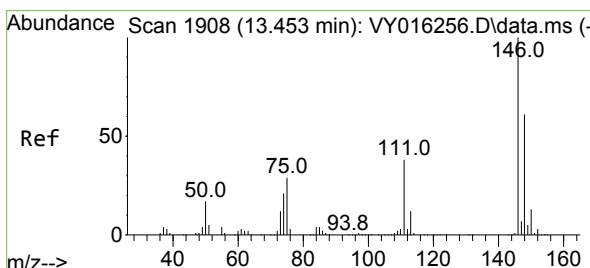
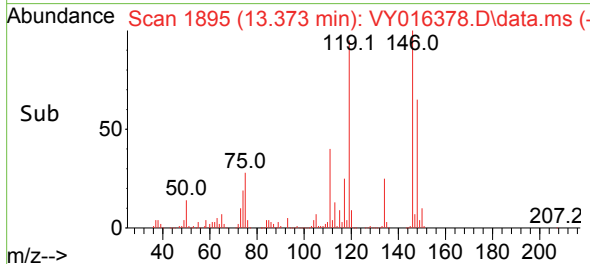
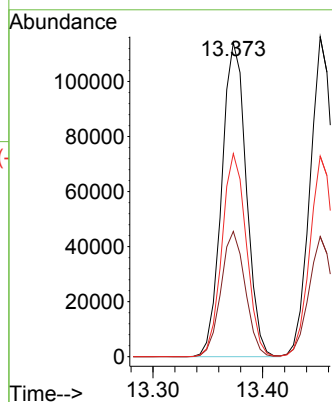
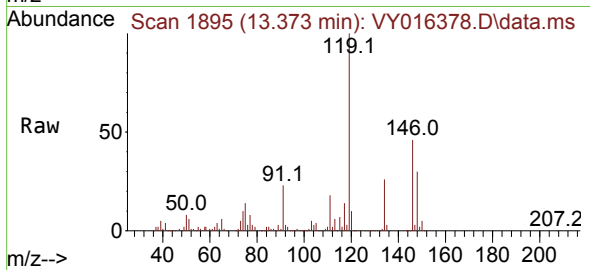




#87
1,3-Dichlorobenzene
Concen: 51.475 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

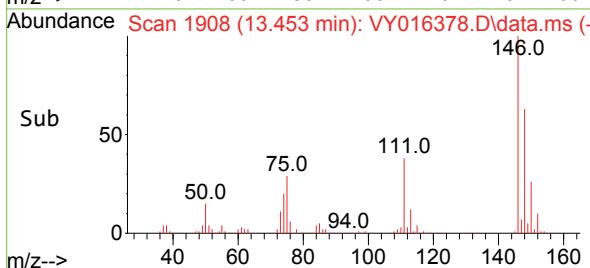
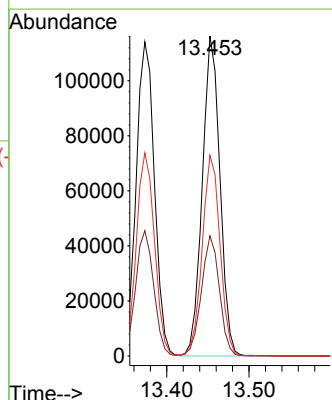
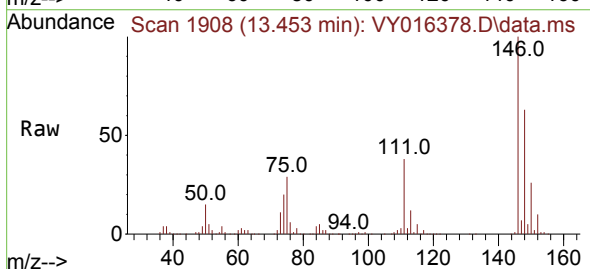
Instrument :
MSVOA_Y
ClientSampleId :

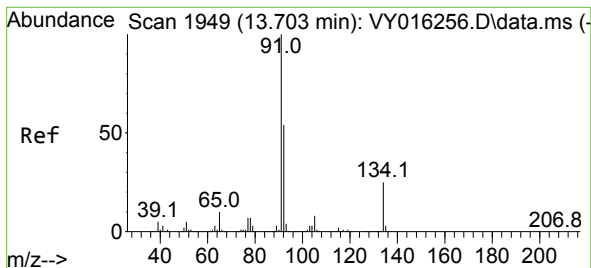
Tgt Ion:146 Resp: 177733
Ion Ratio Lower Upper
146 100
111 39.4 19.4 58.2
148 64.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 51.391 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion:146 Resp: 173416
Ion Ratio Lower Upper
146 100
111 38.3 18.9 56.7
148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 53.368 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

ClientSampleId :

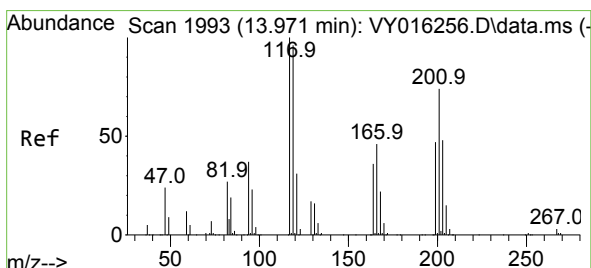
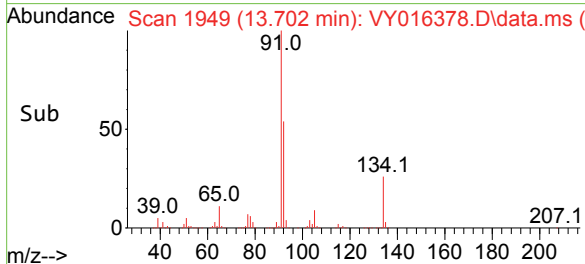
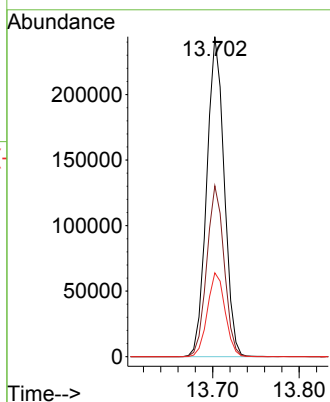
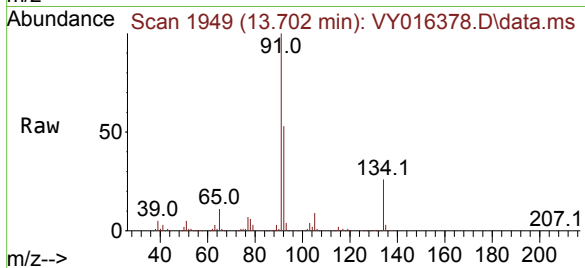
Tgt Ion: 91 Resp: 341898

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 51.778 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016378.D

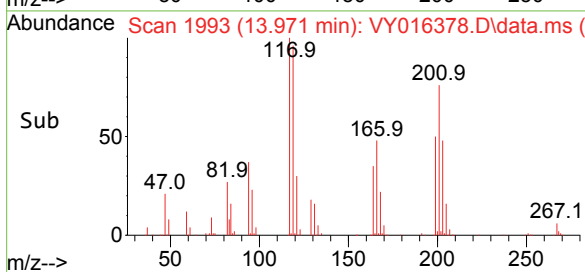
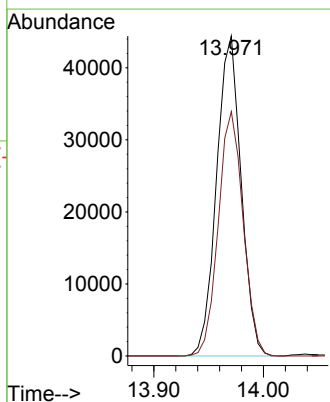
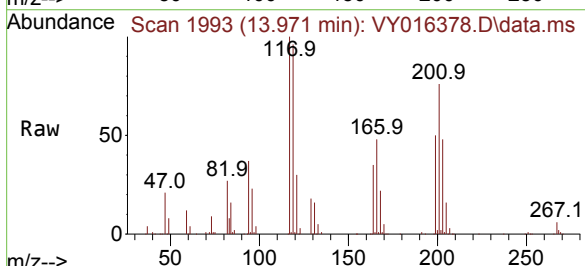
Acq: 16 Nov 2023 08:59

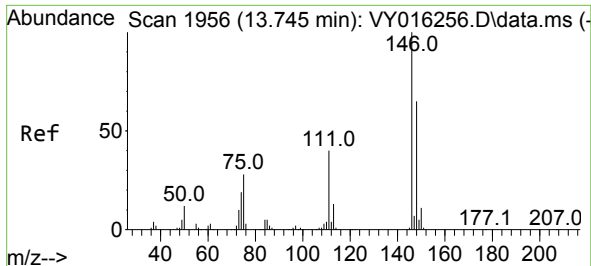
Tgt Ion: 117 Resp: 69288

Ion Ratio Lower Upper

117 100

201 77.1 41.6 124.8

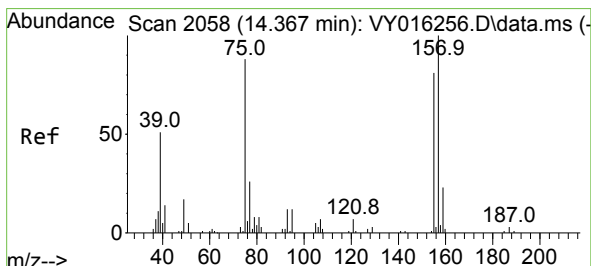
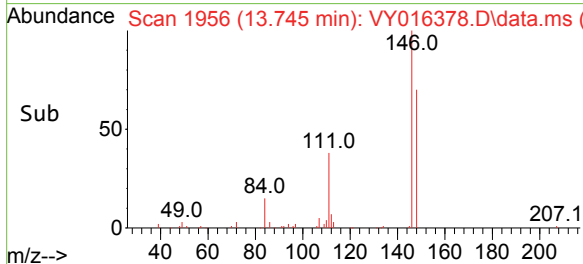
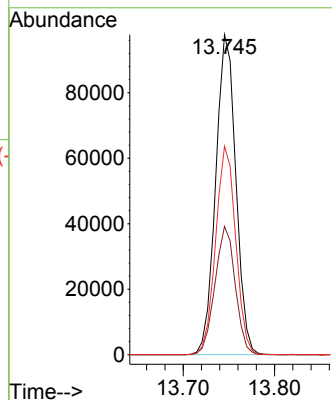
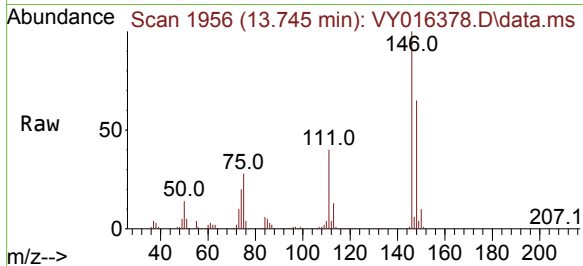




#91
1,2-Dichlorobenzene
Concen: 50.661 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

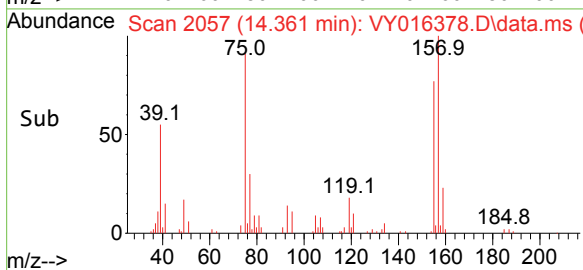
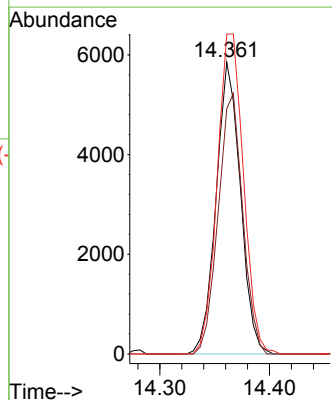
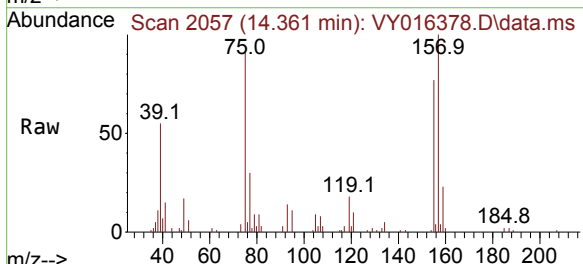
Instrument :
MSVOA_Y
ClientSampleId :

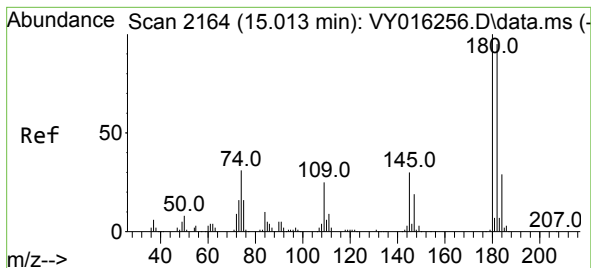
Tgt Ion:146 Resp: 149891
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.0
148 64.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.429 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016378.D
Acq: 16 Nov 2023 08:59

Tgt Ion: 75 Resp: 9007
Ion Ratio Lower Upper
75 100
155 90.1 41.5 124.6
157 118.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.174 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

Instrument :

MSVOA_Y

ClientSampleId :

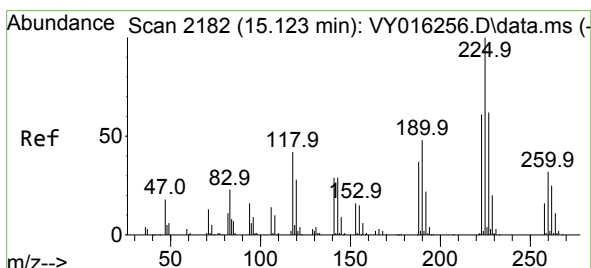
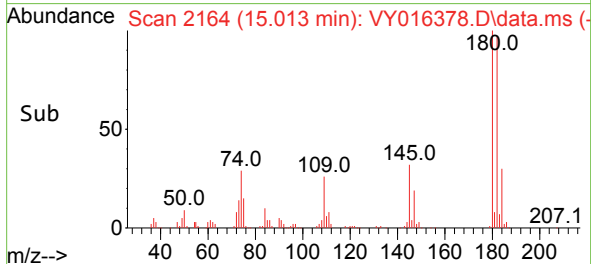
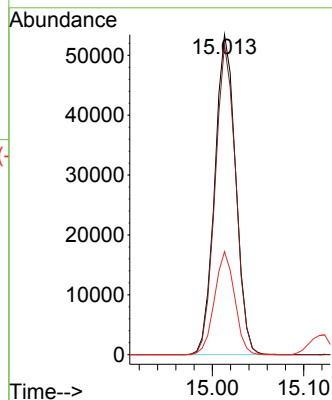
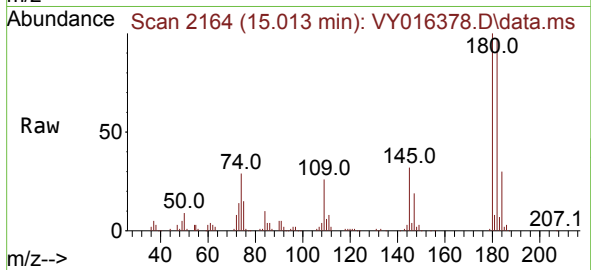
Tgt Ion:180 Resp: 84925

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 53.237 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016378.D

Acq: 16 Nov 2023 08:59

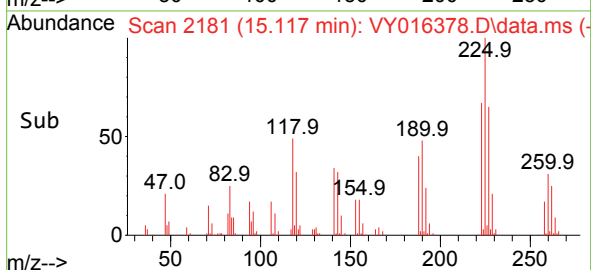
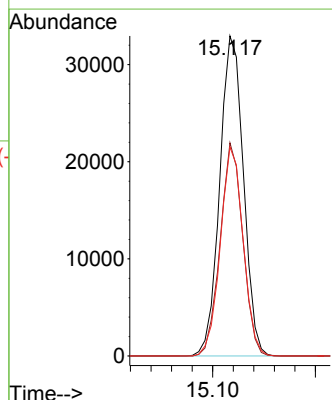
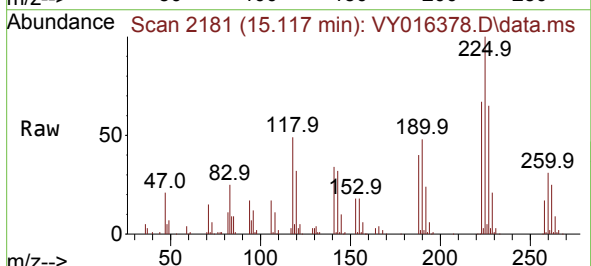
Tgt Ion:225 Resp: 52674

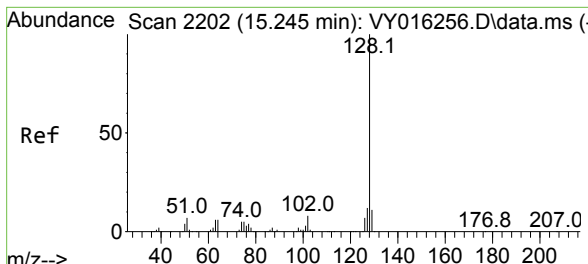
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 62.8 33.0 98.9

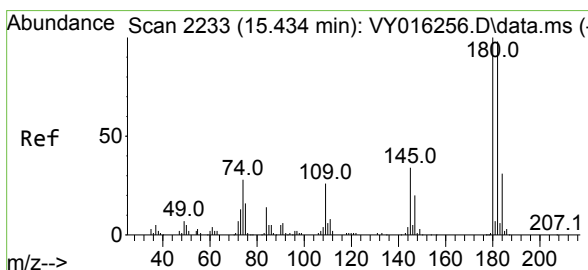
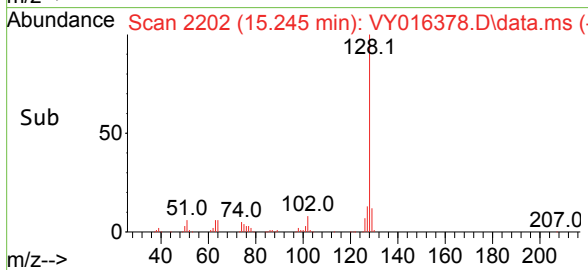
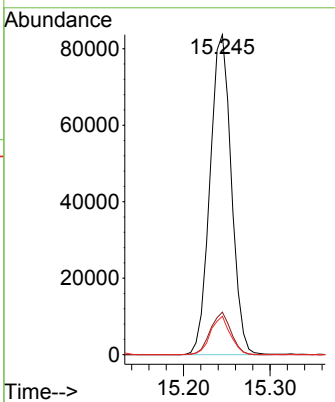
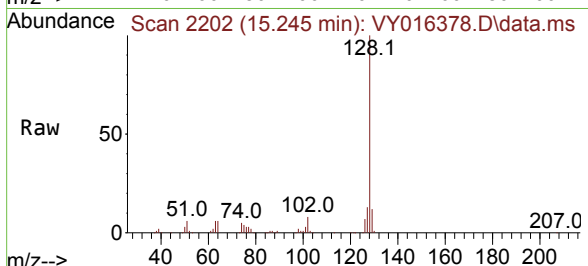




#95
 Naphthalene
 Concen: 46.284 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY016378.D
 Acq: 16 Nov 2023 08:59

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:	128	Resp:	142962
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.8	16.2
129	11.3	8.6	13.0



#96
 1,2,3-Trichlorobenzene
 Concen: 48.670 ug/l
 RT: 15.428 min Scan# 2232
 Delta R.T. -0.006 min
 Lab File: VY016378.D
 Acq: 16 Nov 2023 08:59

Tgt Ion:	180	Resp:	69522
Ion Ratio	Lower	Upper	
180	100		
182	97.1	47.3	141.8
145	31.6	15.4	46.2

