

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016264.D
 Acq On : 08 Nov 2023 15:35
 Operator : SY/MD
 Sample : 05047-23
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 00:59:43 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	7.795	168	180463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	291661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	252065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	118573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83858	50.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.680%	
35) Dibromofluoromethane	7.722	113	87228	52.648	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.300%	
50) Toluene-d8	10.191	98	354646	52.785	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.560%	
62) 4-Bromofluorobenzene	12.489	95	115050	52.723	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.440%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.235	59	10821	83.781	ug/l #	1
12) 1,1-Dichloroethene	3.881	96	79532	43.612	ug/l	91
14) Allyl chloride	4.729	41	11554	4.465	ug/l #	22
15) Acrylonitrile	5.229	53	7595	19.779	ug/l #	22
16) Acetone	3.954	43	94597	346.732	ug/l	91
19) Methyl tert-butyl Ether	5.229	73	805580	182.514	ug/l	99
20) Methylene Chloride	4.723	84	311017	169.705	ug/l	90
21) trans-1,2-Dichloroethene	5.235	96	261125	124.363	ug/l	91
24) 1,1-Dichloroethane	6.027	63	498204	144.799	ug/l	96
25) 2-Butanone	6.997	43	171479	358.843	ug/l #	89
27) cis-1,2-Dichloroethene	6.997	96	208209	92.013	ug/l	82
28) Bromochloromethane	7.515	49	15109	11.865	ug/l #	14
30) Chloroform	7.515	83	207615	57.971	ug/l	99
31) Cyclohexane	7.795	56	3788	1.167	ug/l #	1
32) 1,1,1-Trichloroethane	7.716	97	126140	38.423	ug/l	97
37) Ethyl Acetate	6.997	43	171479	147.520	ug/l #	1
38) Carbon Tetrachloride	7.801	117	17957	6.014	ug/l #	16
44) Trichloroethene	8.947	130	163271	70.285	ug/l	100
45) 1,2-Dichloropropane	9.228	63	81746	42.112	ug/l	96
48) Methyl methacrylate	9.222	41	40627	32.716	ug/l #	42
51) 4-Methyl-2-Pentanone	10.075	43	200524	176.484	ug/l	91
52) Toluene	10.252	92	627586	122.831	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	94272	35.959	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	383012	122.318	ug/l #	90
58) 2-Chloroethyl Vinyl ether	9.935	63	2131	2.296	ug/l #	48
59) 2-Hexanone	10.837	43	92016	108.876	ug/l	88
60) Dibromochloromethane	10.728	129	42281	23.318	ug/l #	11
61) 1,2-Dibromoethane	11.099	107	60217	43.595	ug/l	99
64) Tetrachloroethene	10.728	164	44989	19.878	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.599	131	365891	184.205	ug/l	99
67) Ethyl Benzene	11.599	91	1655269	171.025	ug/l	98
68) m/p-Xylenes	11.715	106	468099	127.514	ug/l	95
69) o-Xylene	12.038	106	466163	136.771	ug/l	96
70) Styrene	12.057	104	1080258	221.346	ug/l	94
71) Bromoform	12.221	173	169773	164.720	ug/l #	98
73) Isopropylbenzene	12.337	105	1398317	145.630	ug/l	100

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

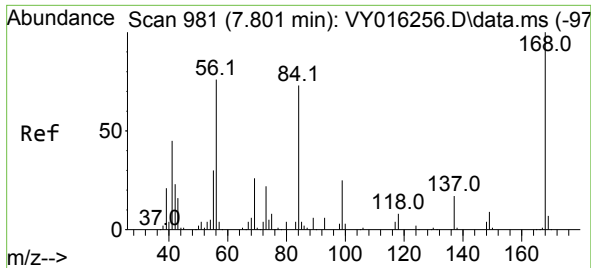
Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 00:59:43 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)

75) 1,1,2,2-Tetrachloroethane	12.593	83	92158	59.814	ug/l	99
76) 1,2,3-Trichloropropane	12.489	75	59082	51.942	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.337	75	15706	29.971	ug/l #	67
83) tert-Butylbenzene	13.130	119	99675	14.618	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.130	105	799685	104.909	ug/l	98
85) sec-Butylbenzene	13.130	105	799685	82.090	ug/l #	56
86) p-Isopropyltoluene	13.130	119	98588	11.753	ug/l #	16
87) 1,3-Dichlorobenzene	13.453	146	604994	144.908	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	604994	148.273	ug/l	100
89) n-Butylbenzene	13.703	91	699552	90.305	ug/l	97
90) Hexachloroethane	13.703	117	7482	4.624	ug/l #	8
91) 1,2-Dichlorobenzene	13.745	146	384754	107.545	ug/l	99
93) 1,2,4-Trichlorobenzene	15.019	180	130695	62.585	ug/l	98
95) Naphthalene	15.251	128	3847	1.030	ug/l	97
96) 1,2,3-Trichlorobenzene	15.434	180	296604	171.722	ug/l	98

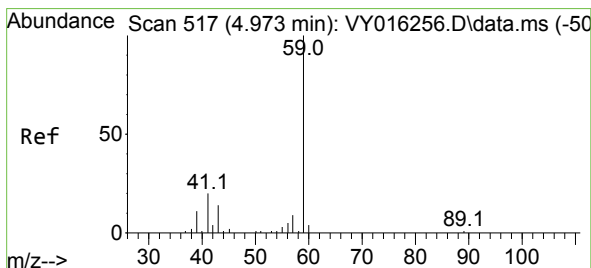
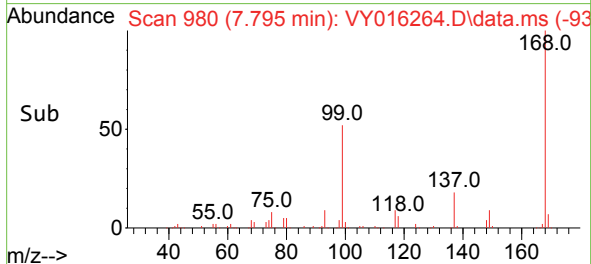
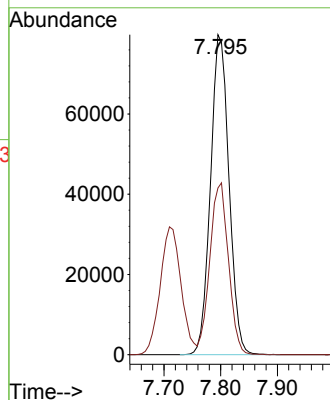
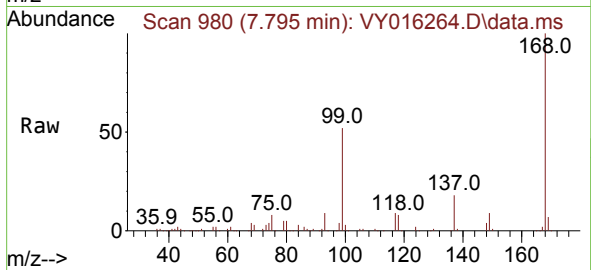
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

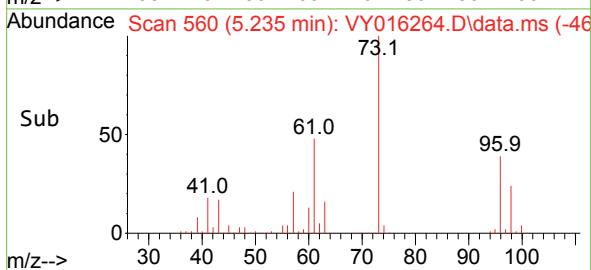
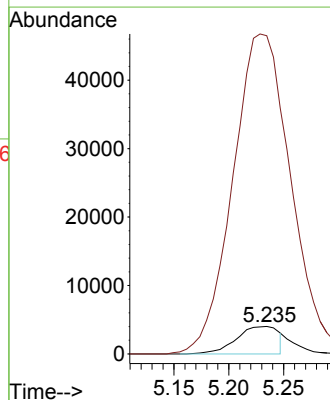
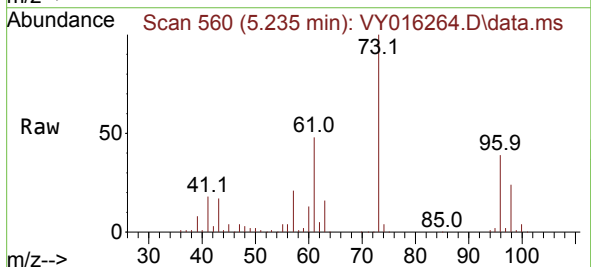
Instrument :
MSVOA_Y
ClientSampleId :

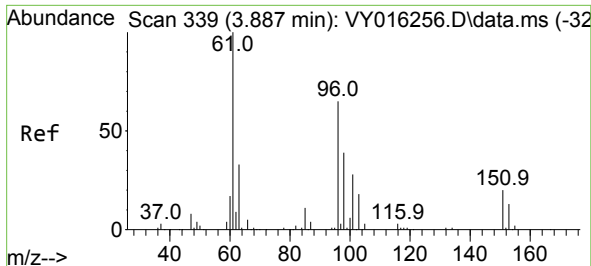
Tgt Ion:168 Resp: 180463
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#11
Tert butyl alcohol
Concen: 83.781 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.262 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

Tgt Ion: 59 Resp: 10821
Ion Ratio Lower Upper
59 100
57 1248.2 3.0 4.4#

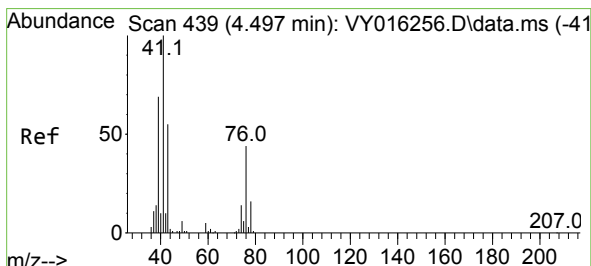
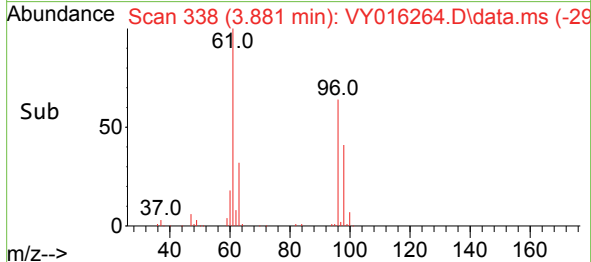
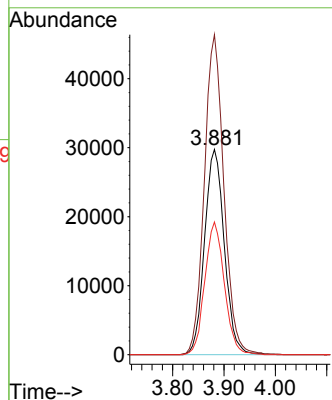
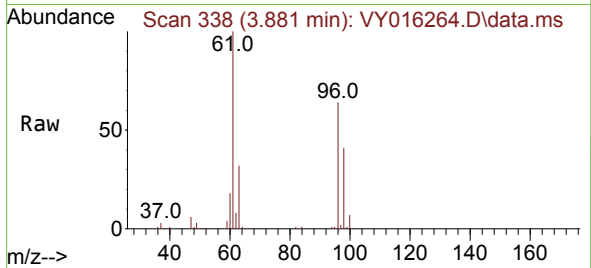




#12
1,1-Dichloroethene
Concen: 43.612 ug/l
RT: 3.881 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

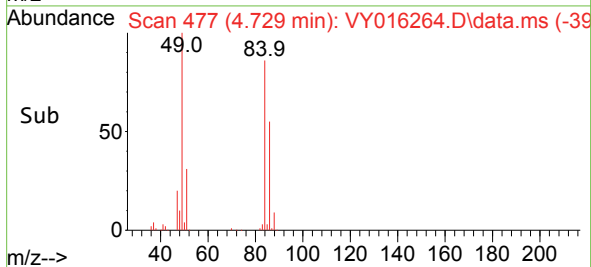
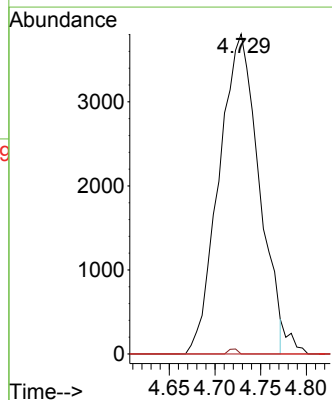
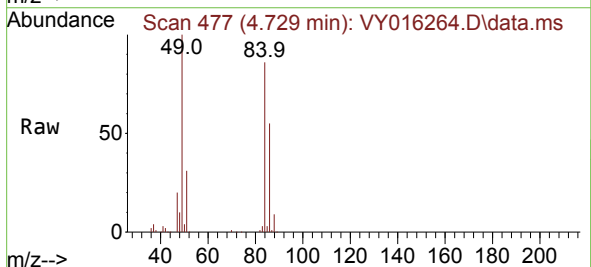
Instrument :
MSVOA_Y
ClientSampleId :

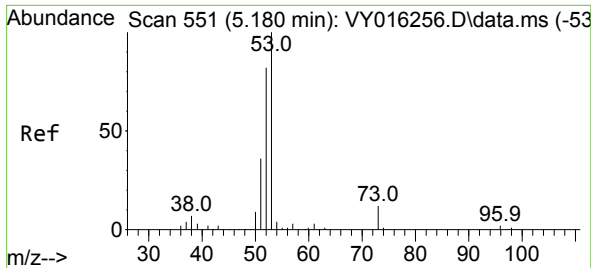
Tgt Ion: 96 Resp: 79532
Ion Ratio Lower Upper
96 100
61 155.9 136.4 204.6
98 64.6 49.4 74.2



#14
Allyl chloride
Concen: 4.465 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.232 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

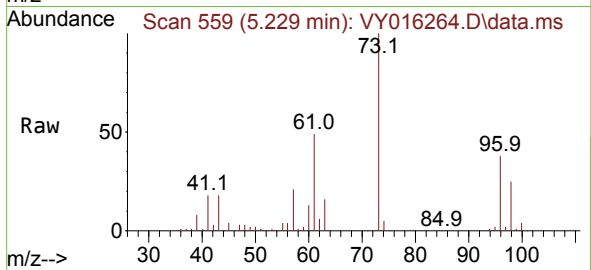
Tgt Ion: 41 Resp: 11554
Ion Ratio Lower Upper
41 100
39 0.4 58.0 87.0#
76 0.0 27.4 41.2#



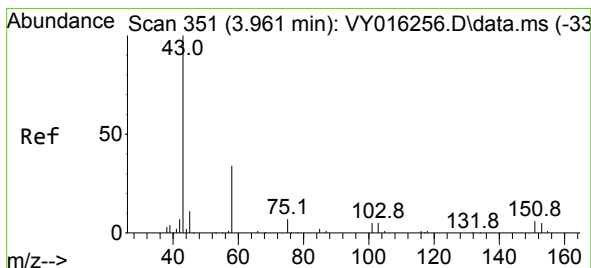
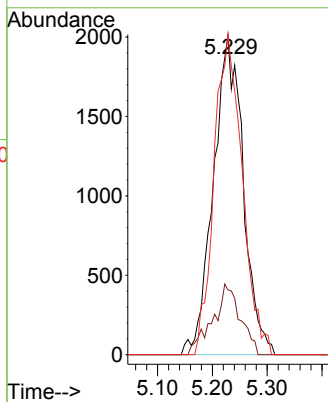
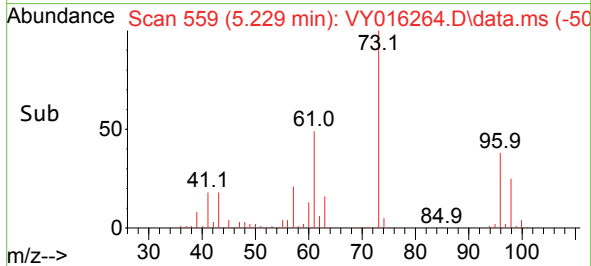


#15
Acrylonitrile
Concen: 19.779 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.049 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

Instrument :
MSVOA_Y
ClientSampleId :

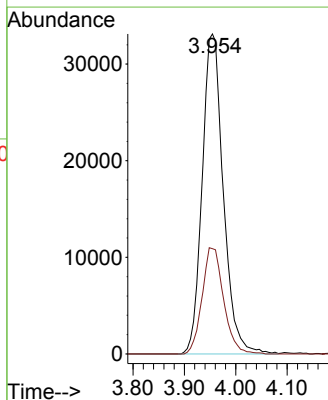
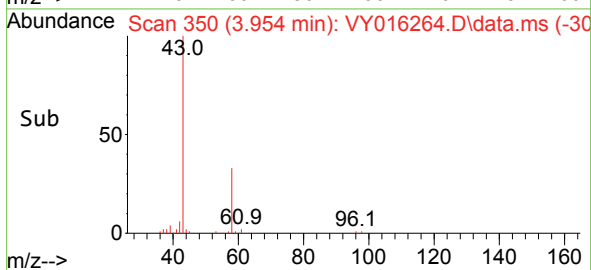
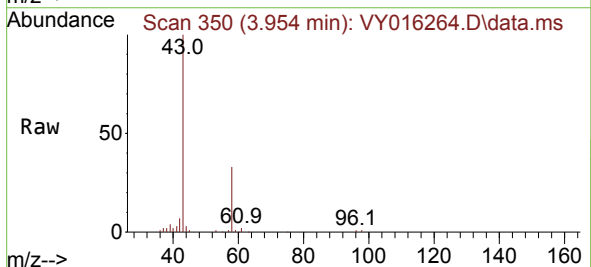


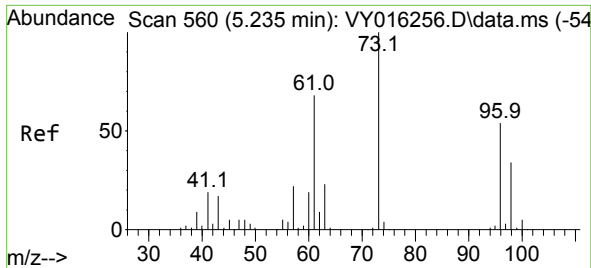
Tgt Ion: 53 Resp: 7595
Ion Ratio Lower Upper
53 100
52 20.5 66.9 100.3#
51 94.8 29.8 44.6#



#16
Acetone
Concen: 346.732 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

Tgt Ion: 43 Resp: 94597
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1

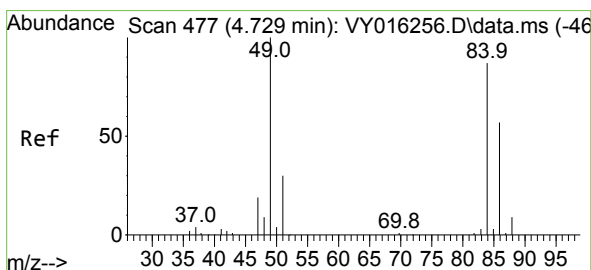
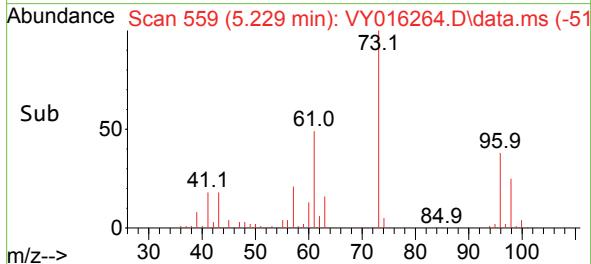
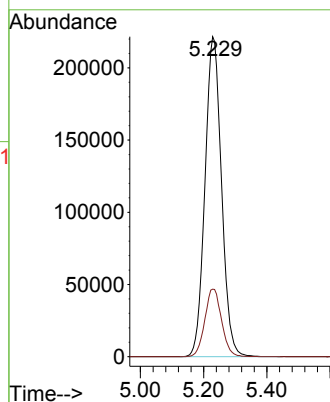
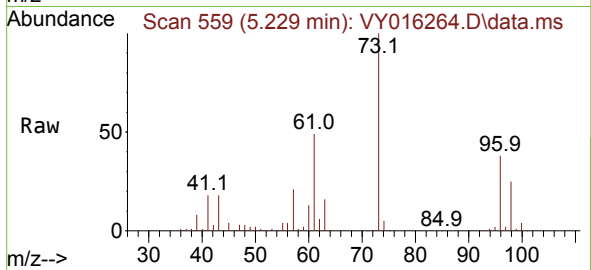




#19
Methyl tert-butyl Ether
Concen: 182.514 ug/l
RT: 5.229 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

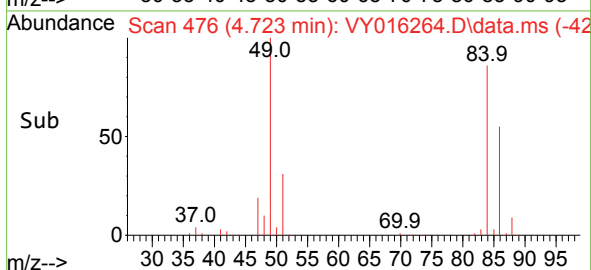
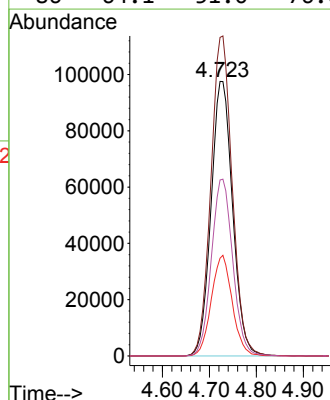
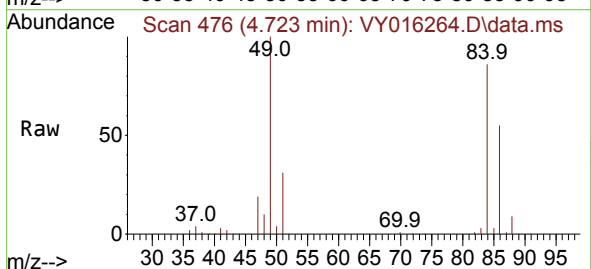
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ClientSampleId :

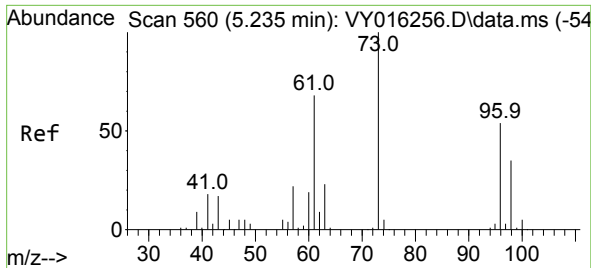
Tgt Ion: 73 Resp: 805580
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 169.705 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

Tgt Ion: 84 Resp: 311017
Ion Ratio Lower Upper
84 100
49 116.0 106.9 160.3
51 35.6 33.2 49.8
86 64.1 51.0 76.6

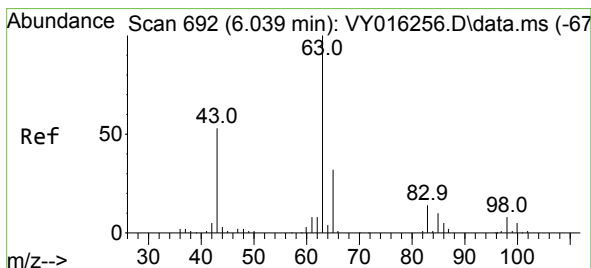
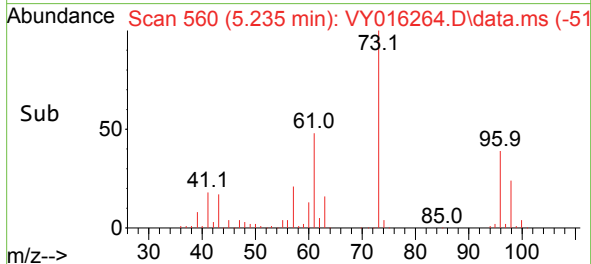
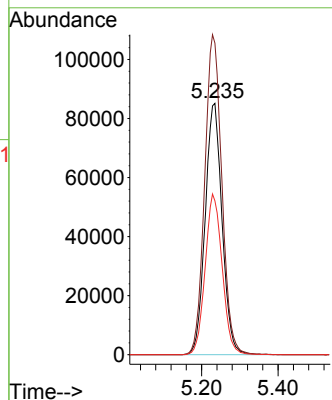
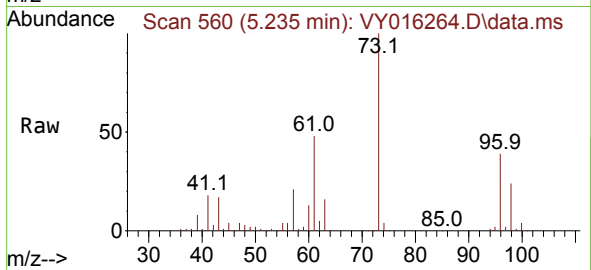




#21
trans-1,2-Dichloroethene
Concen: 124.363 ug/l
RT: 5.235 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

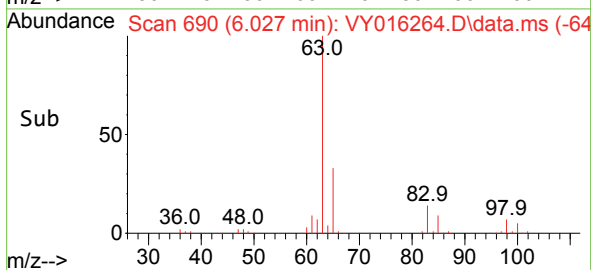
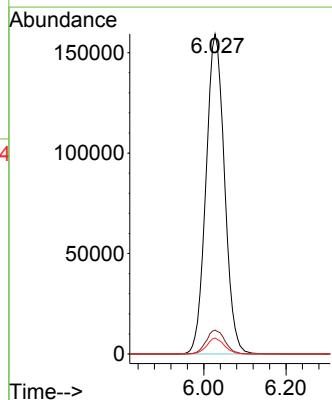
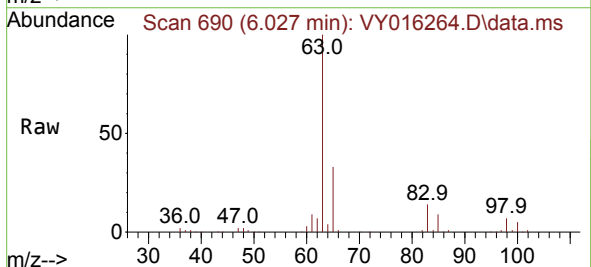
Instrument :
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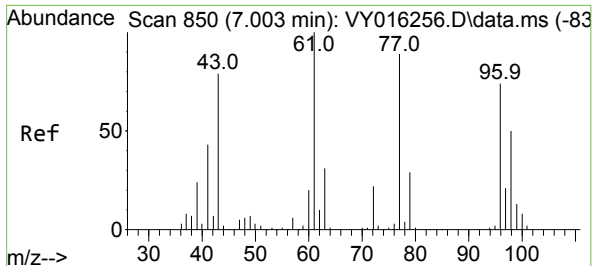
Tgt Ion: 96 Resp: 261125
Ion Ratio Lower Upper
96 100
61 123.9 110.2 165.4
98 61.2 51.8 77.6



#24
1,1-Dichloroethane
Concen: 144.799 ug/l
RT: 6.027 min Scan# 690
Delta R.T. -0.012 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

Tgt Ion: 63 Resp: 498204
Ion Ratio Lower Upper
63 100
98 7.5 3.1 9.4
100 5.0 1.8 5.5





#25

2-Butanone

Concen: 358.843 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

Instrument :

MSVOA_Y

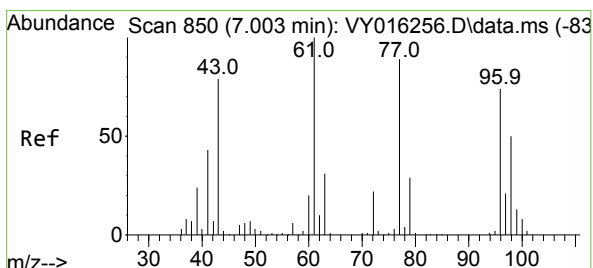
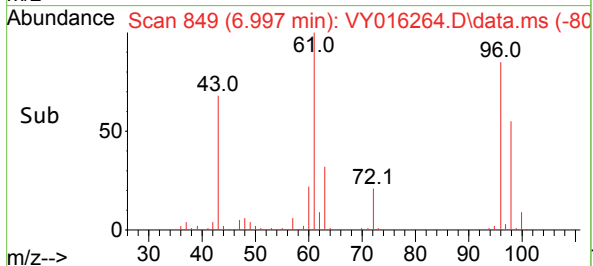
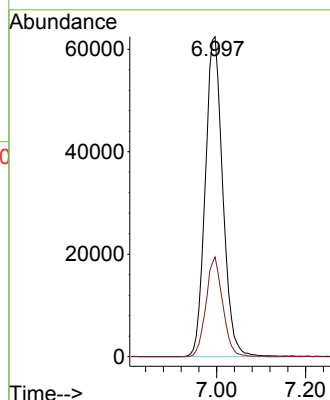
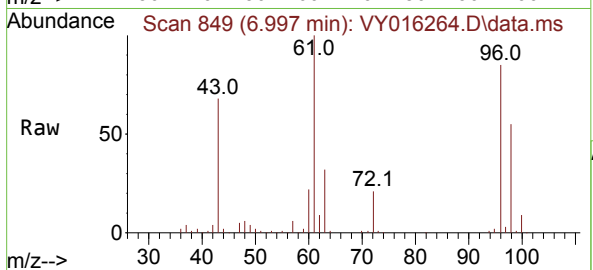
ClientSampleId :

Tgt Ion: 43 Resp: 171479

Ion Ratio Lower Upper

43 100

72 31.1 20.5 30.7#



#27

cis-1,2-Dichloroethene

Concen: 92.013 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

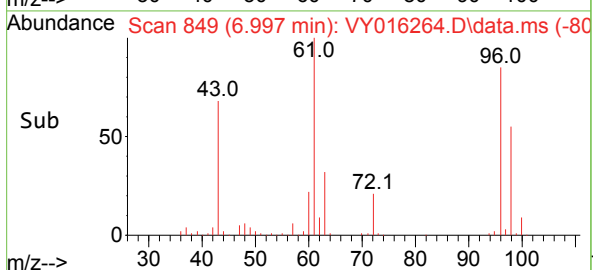
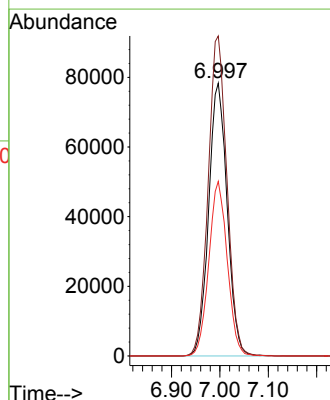
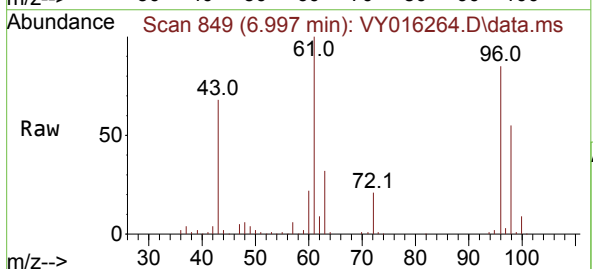
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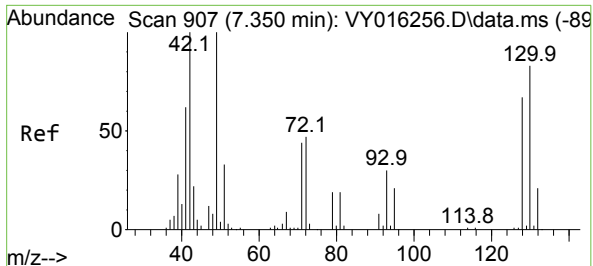
Ion Ratio Lower Upper

96 100

61 119.0 0.0 301.4

98 63.7 0.0 130.4

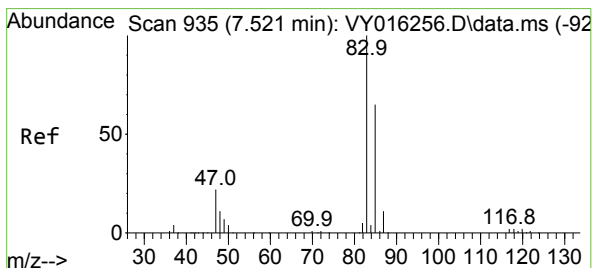
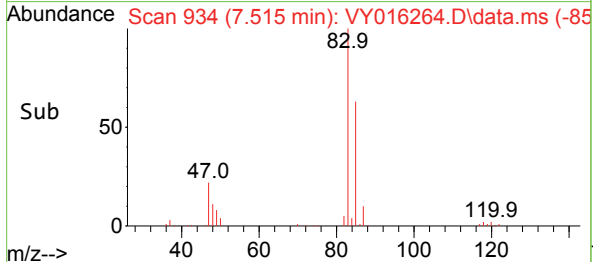
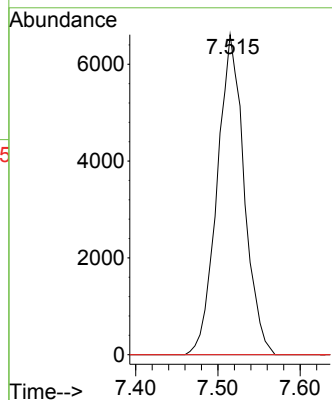
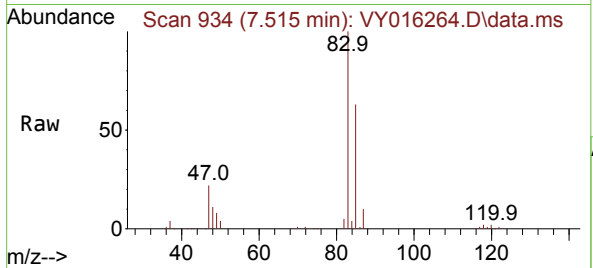




#28
Bromochloromethane
Concen: 11.865 ug/l
RT: 7.515 min Scan# 91
Delta R.T. 0.165 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

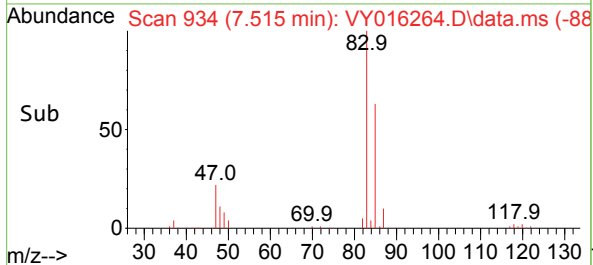
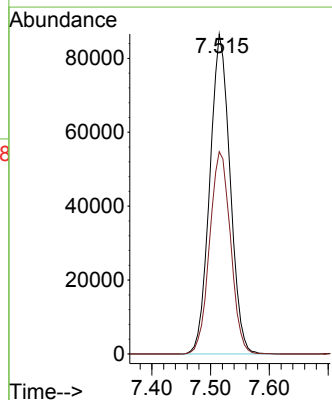
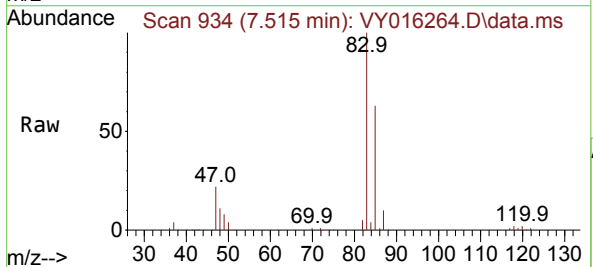
Instrument :
MSVOA_Y
ClientSampleId :

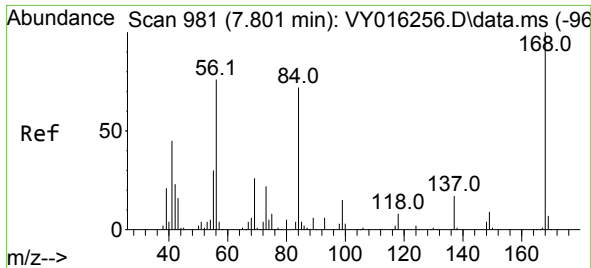
Tgt Ion: 49 Resp: 15109
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 60.7 91.1#



#30
Chloroform
Concen: 57.971 ug/l
RT: 7.515 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

Tgt Ion: 83 Resp: 207615
Ion Ratio Lower Upper
83 100
85 63.2 49.7 74.5

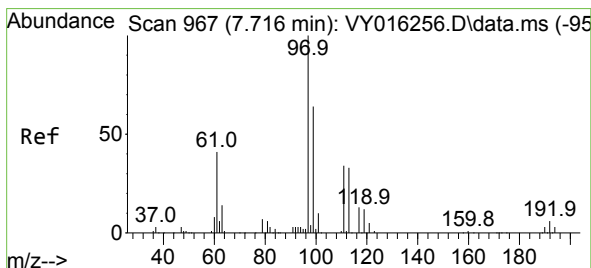
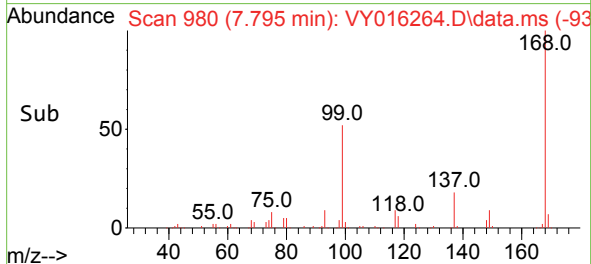
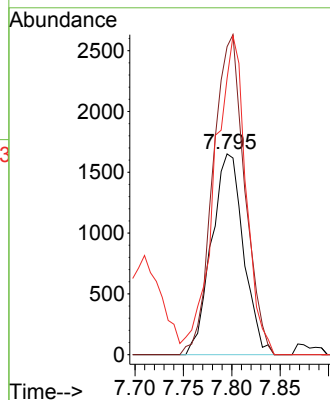
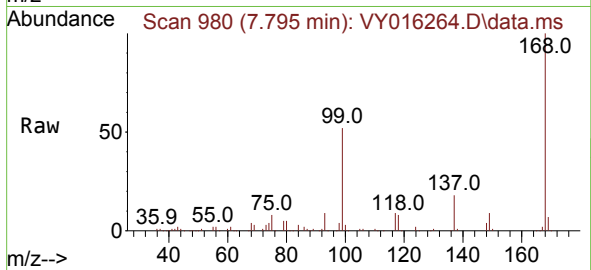




#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

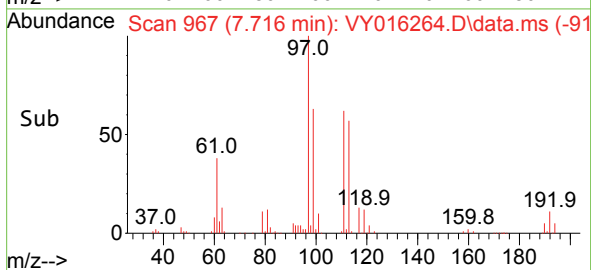
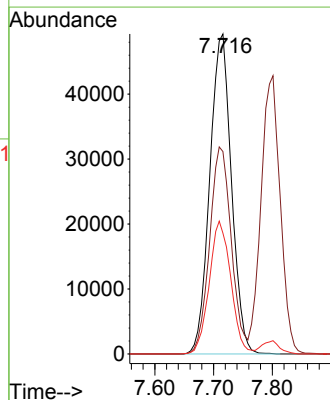
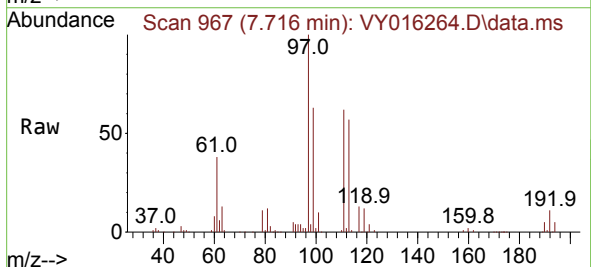
Instrument :
MSVOA_Y
ClientSampleId :

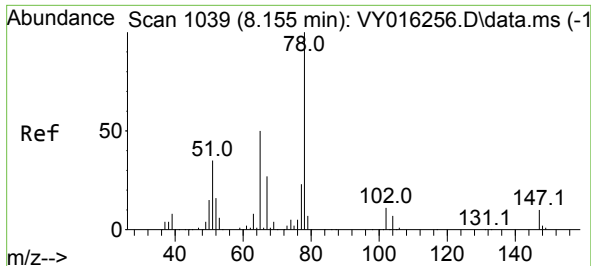
Tgt Ion: 56 Resp: 3788
Ion Ratio Lower Upper
56 100
69 153.4 27.8 41.6#
84 137.6 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 38.423 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

Tgt Ion: 97 Resp: 126140
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 41.4 35.1 52.7

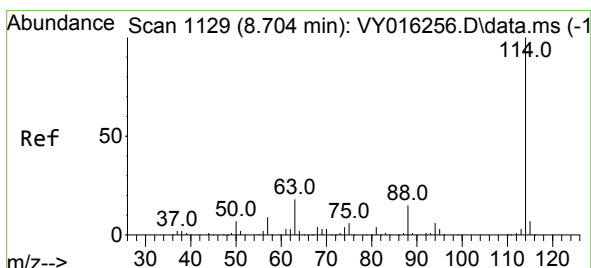
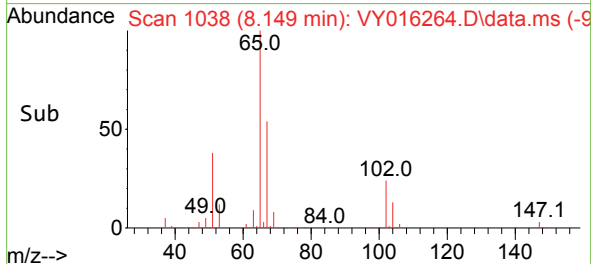
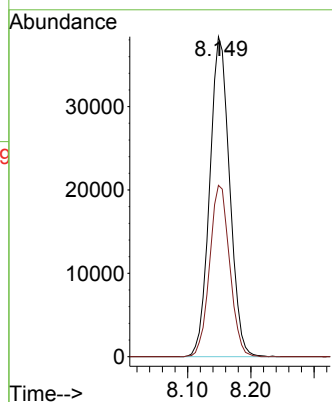
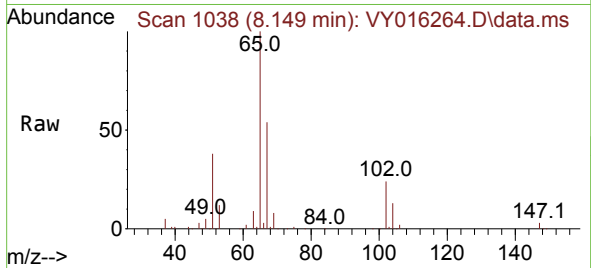




#33
 1,2-Dichloroethane-d4
 Concen: 50.843 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY016264.D
 Acq: 08 Nov 2023 15:35

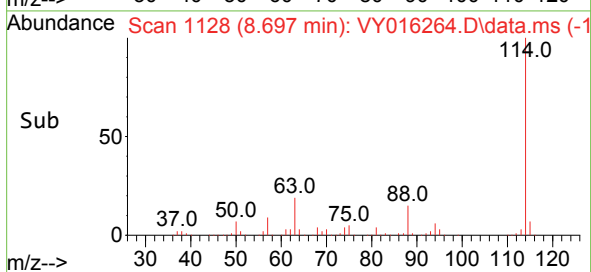
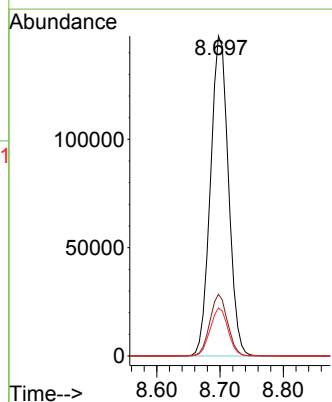
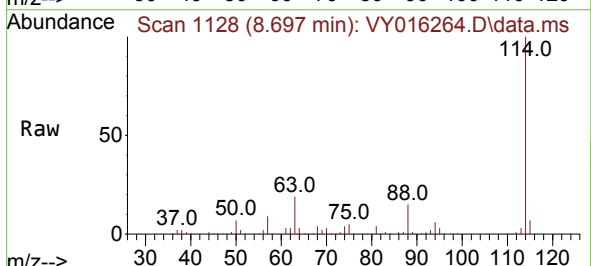
Instrument :
 MSVOA_Y
 ClientSampleId :

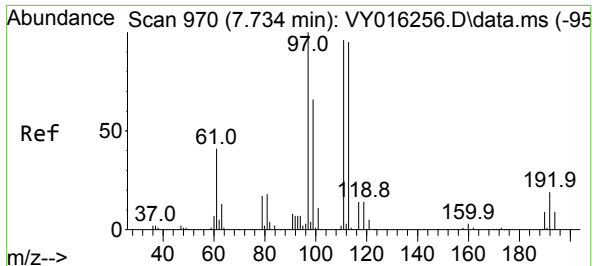
Tgt Ion: 65 Resp: 83858
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: VY016264.D
 Acq: 08 Nov 2023 15:35

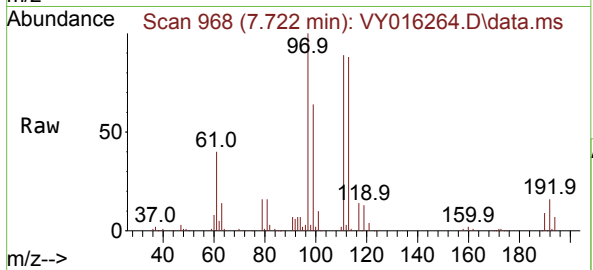
Tgt Ion:114 Resp: 291661
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.0 0.0 30.6



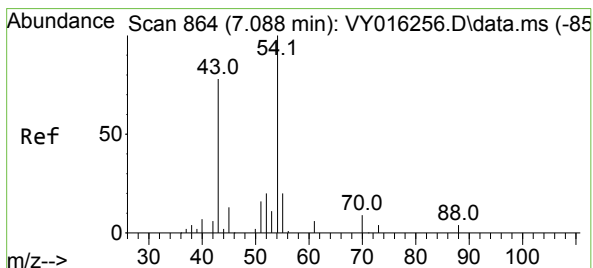
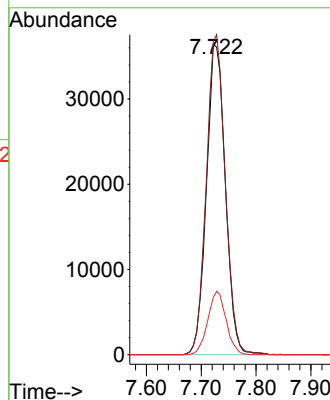
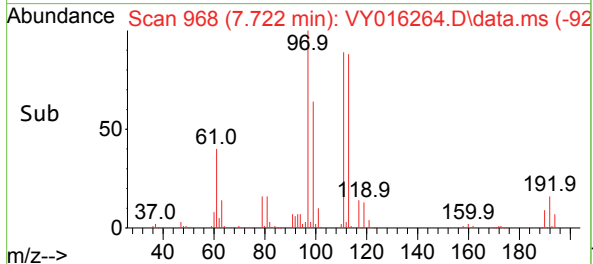


#35
Dibromofluoromethane
Concen: 52.648 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

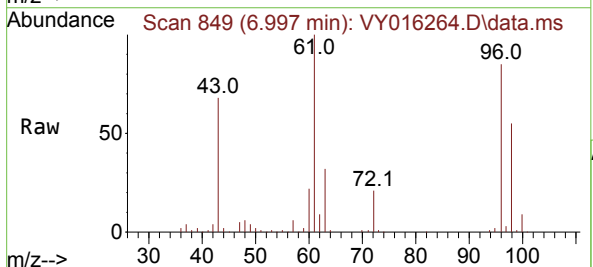
Instrument :
MSVOA_Y
ClientSampleId :



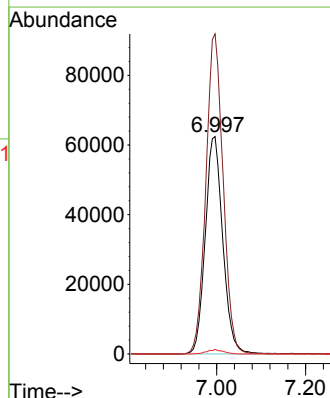
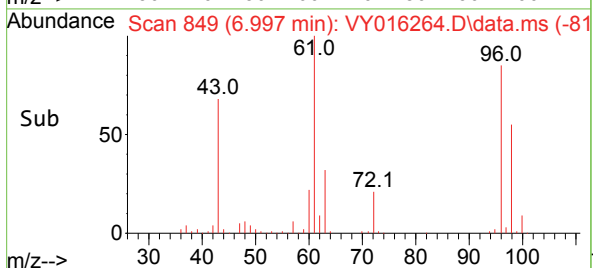
Tgt Ion:113 Resp: 87228
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.8 16.9 25.3

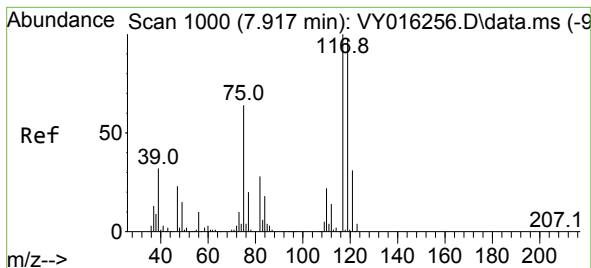


#37
Ethyl Acetate
Concen: 147.520 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.091 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35



Tgt Ion: 43 Resp: 171479
Ion Ratio Lower Upper
43 100
61 144.4 10.1 15.1#
70 1.9 7.1 10.7#





#38

Carbon Tetrachloride

Concen: 6.014 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.116 min

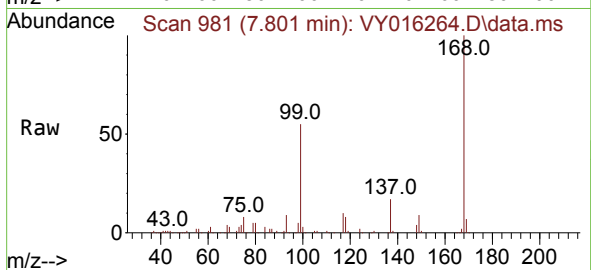
Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :



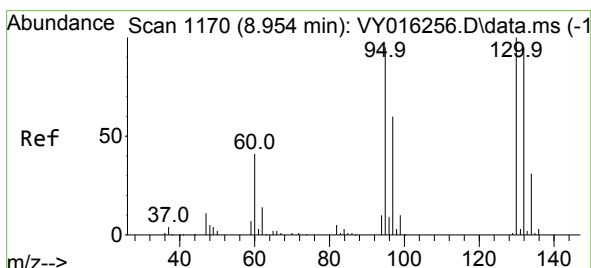
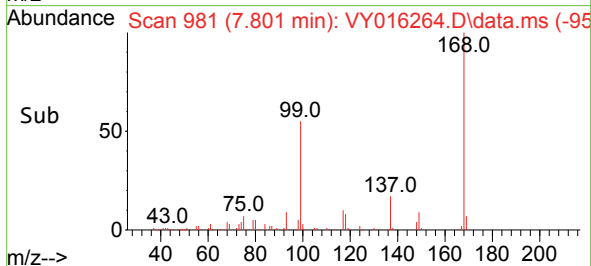
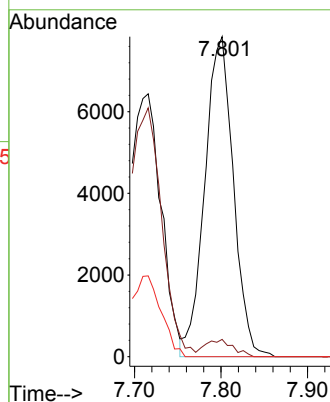
Tgt Ion:117 Resp: 17957

Ion Ratio Lower Upper

117 100

119 5.4 76.4 114.6#

121 0.0 25.8 38.6#



#44

Trichloroethene

Concen: 70.285 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. -0.006 min

Lab File: VY016264.D

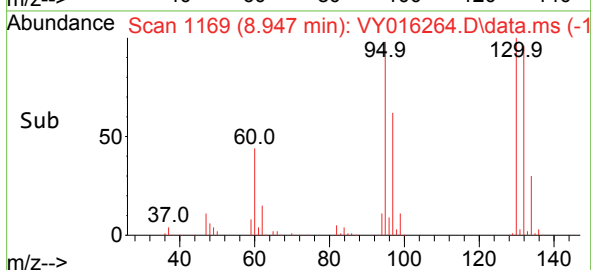
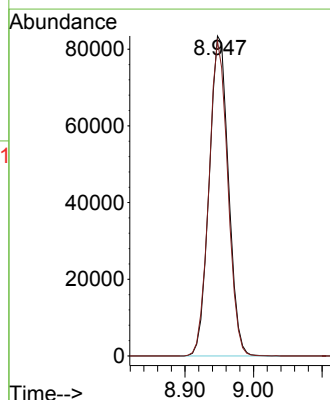
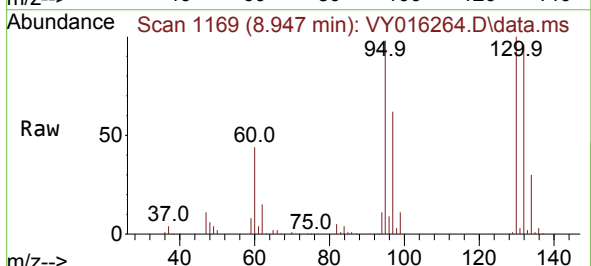
Acq: 08 Nov 2023 15:35

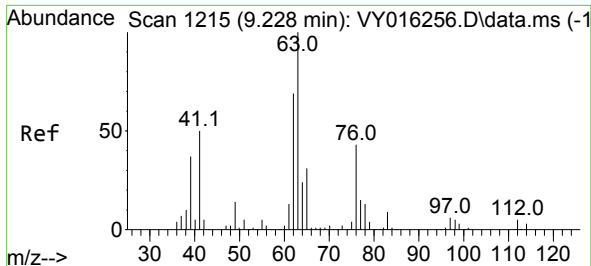
Tgt Ion:130 Resp: 163271

Ion Ratio Lower Upper

130 100

95 98.4 0.0 196.0

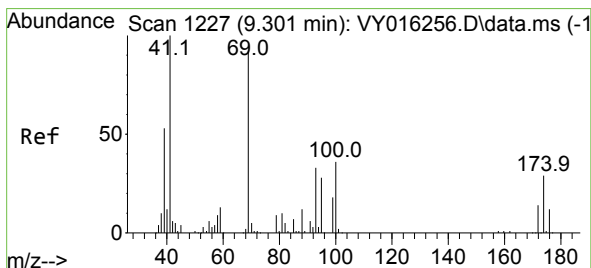
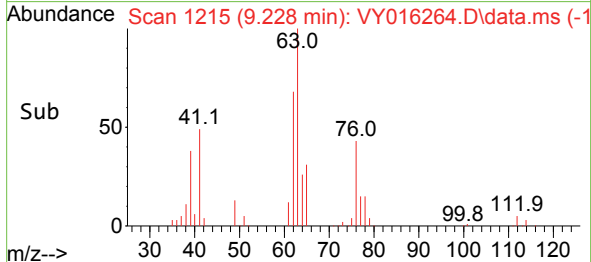
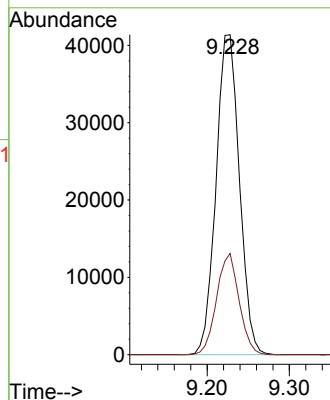
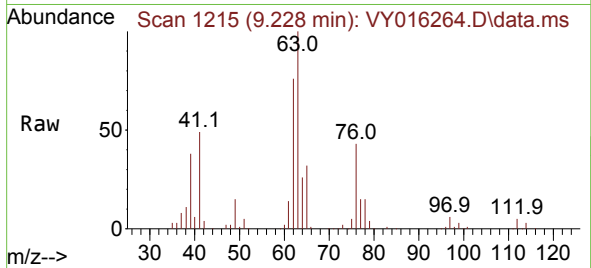




#45
1,2-Dichloropropane
Concen: 42.112 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

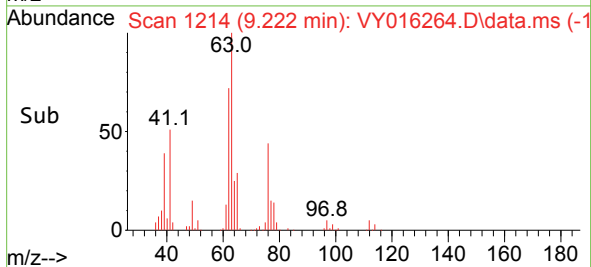
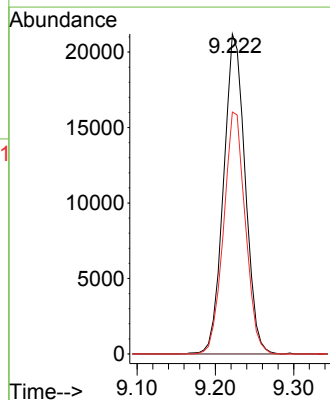
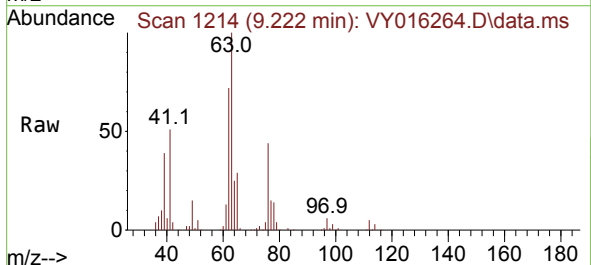
Instrument :
MSVOA_Y
ClientSampleId :

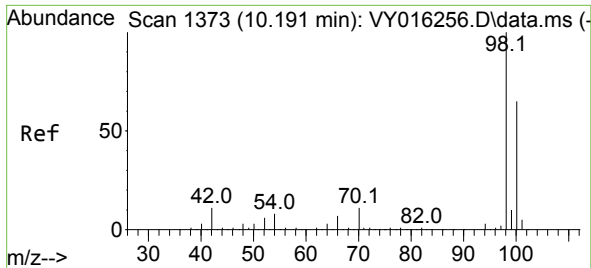
Tgt Ion: 63 Resp: 81746
Ion Ratio Lower Upper
63 100
65 31.7 23.8 35.6



#48
Methyl methacrylate
Concen: 32.716 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.079 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

Tgt Ion: 41 Resp: 40627
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 76.1 50.8 76.2

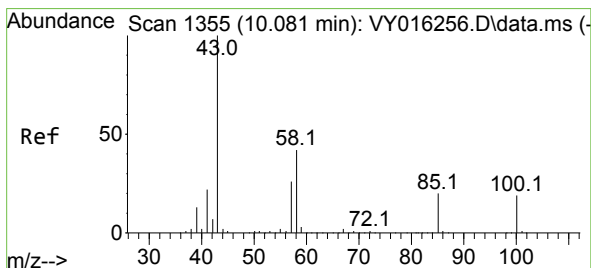
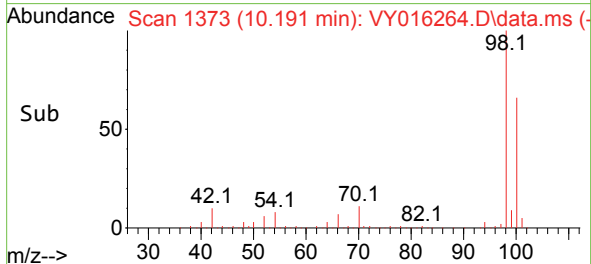
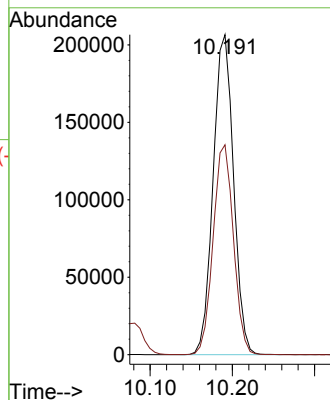
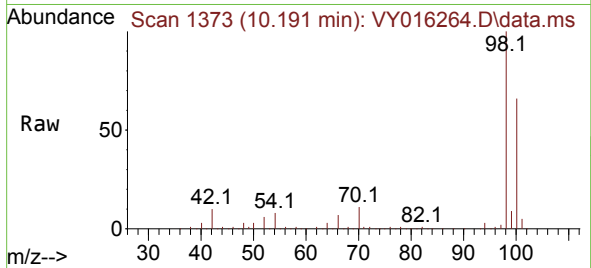




#50
Toluene-d8
Concen: 52.785 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

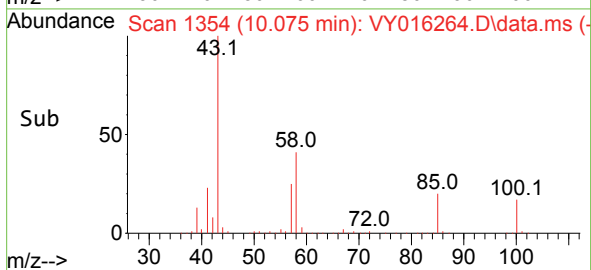
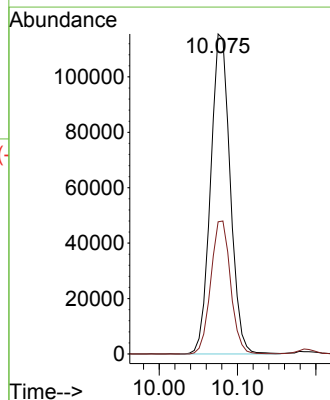
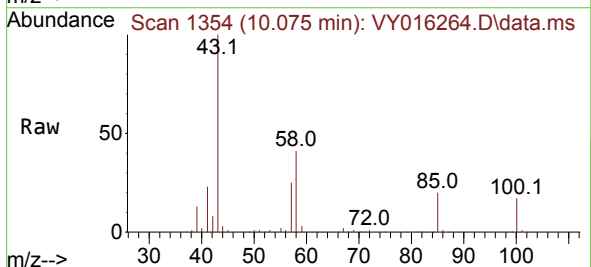
Instrument :
MSVOA_Y
ClientSampleId :

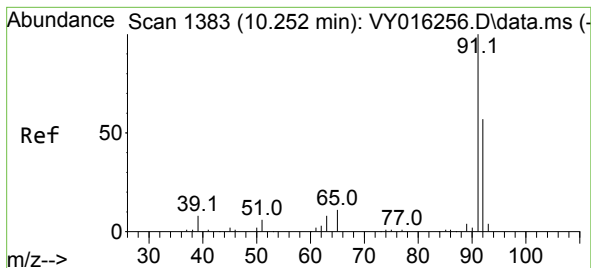
Tgt Ion: 98 Resp: 354646
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 176.484 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

Tgt Ion: 43 Resp: 200524
Ion Ratio Lower Upper
43 100
58 41.9 29.0 43.6





#52

Toluene

Concen: 122.831 ug/l

RT: 10.252 min Scan# 1419

Delta R.T. -0.000 min

Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

Instrument :

MSVOA_Y

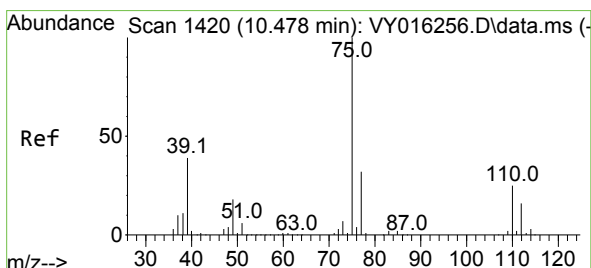
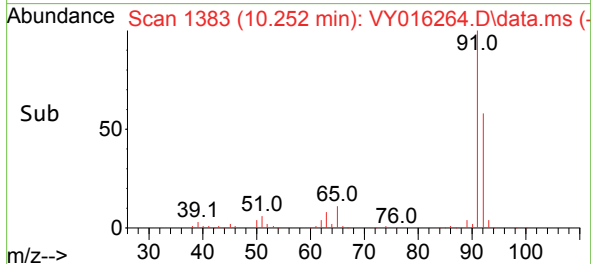
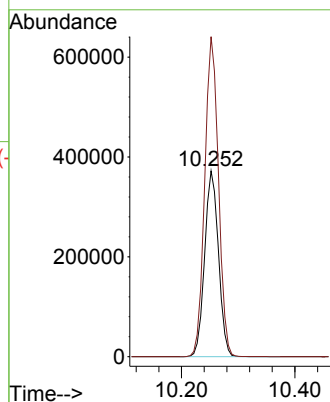
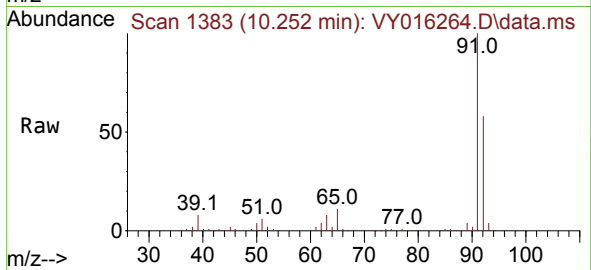
ClientSampleId :

Tgt Ion: 92 Resp: 627586

Ion Ratio Lower Upper

92 100

91 171.5 143.8 215.6



#53

t-1,3-Dichloropropene

Concen: 35.959 ug/l

RT: 10.471 min Scan# 1419

Delta R.T. -0.006 min

Lab File: VY016264.D

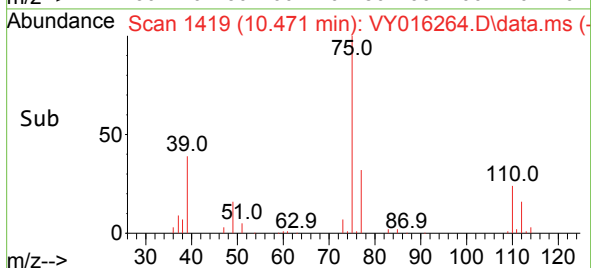
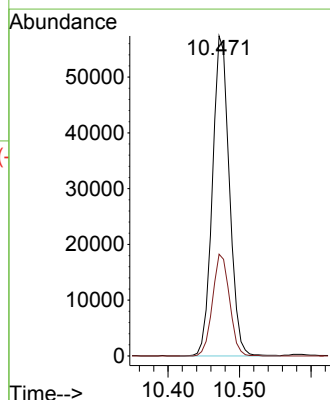
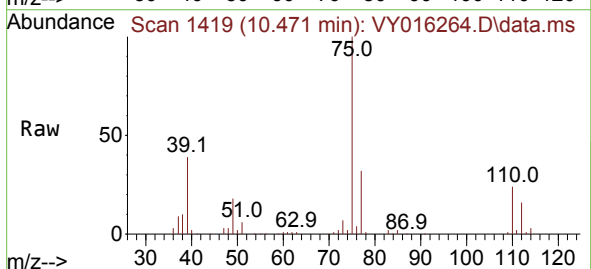
Acq: 08 Nov 2023 15:35

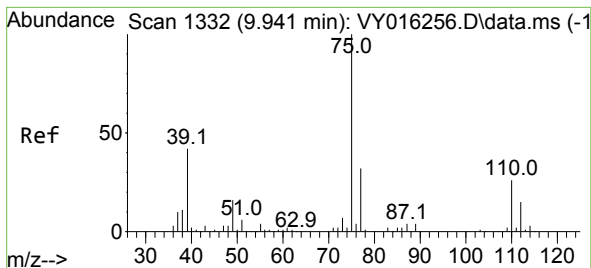
Tgt Ion: 75 Resp: 94272

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4





#54

cis-1,3-Dichloropropene

Concen: 122.318 ug/l

RT: 9.935 min Scan# 1331

Delta R.T. -0.006 min

Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

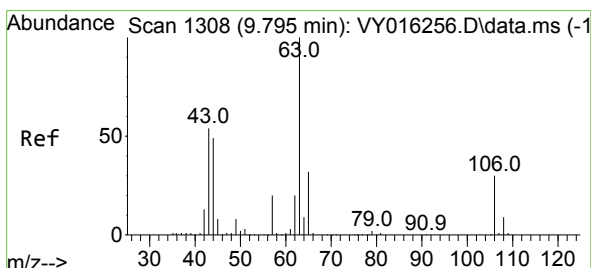
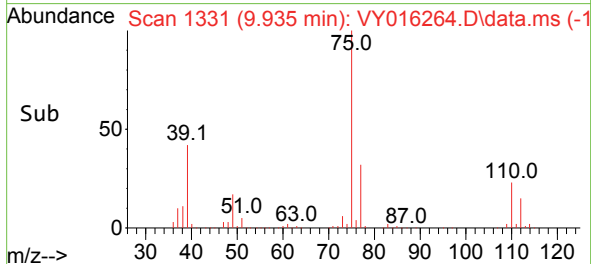
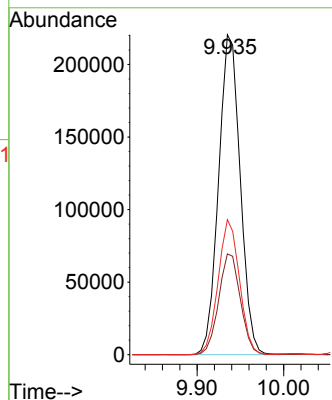
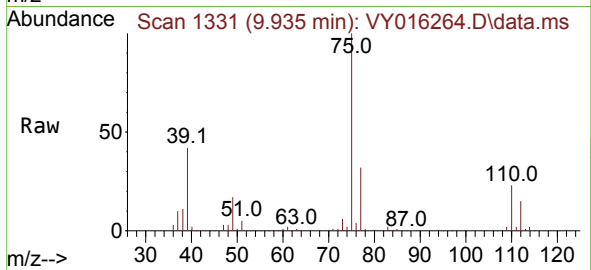
Tgt Ion: 75 Resp: 383012

Ion Ratio Lower Upper

75 100

77 31.5 24.2 36.4

39 42.2 42.2 63.4#



#58

2-Chloroethyl Vinyl ether

Concen: 2.296 ug/l

RT: 9.935 min Scan# 1331

Delta R.T. 0.140 min

Lab File: VY016264.D

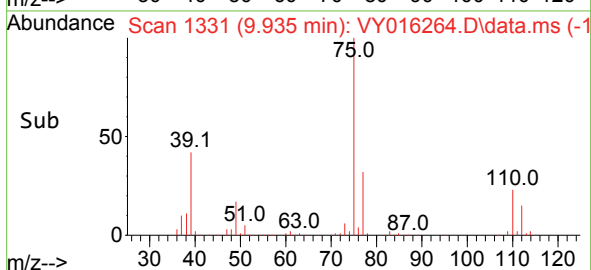
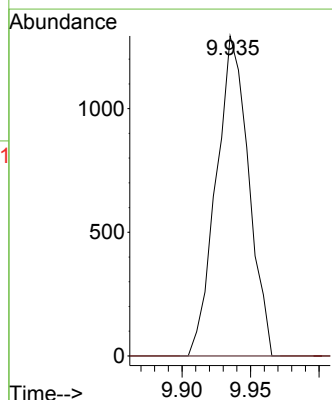
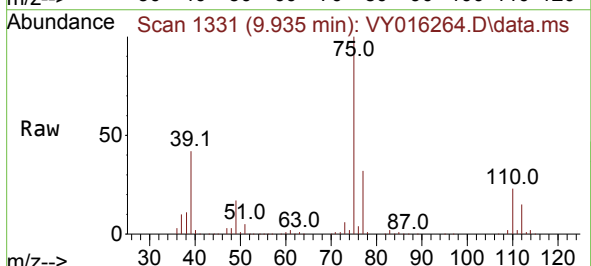
Acq: 08 Nov 2023 15:35

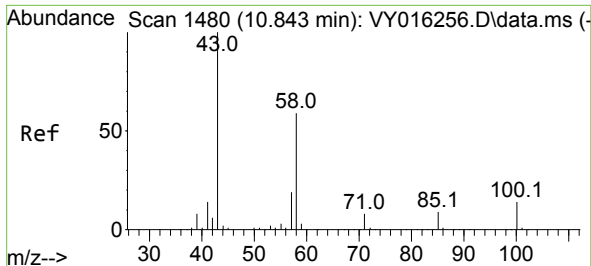
Tgt Ion: 63 Resp: 2131

Ion Ratio Lower Upper

63 100

106 0.0 21.2 31.8#

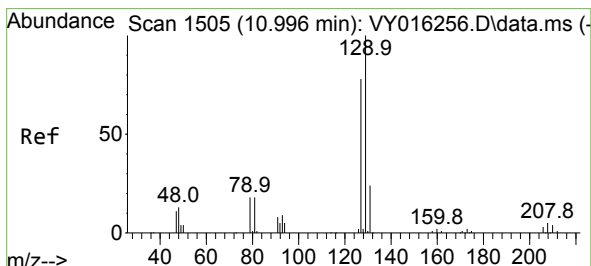
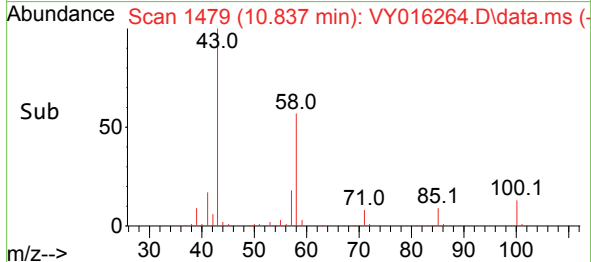
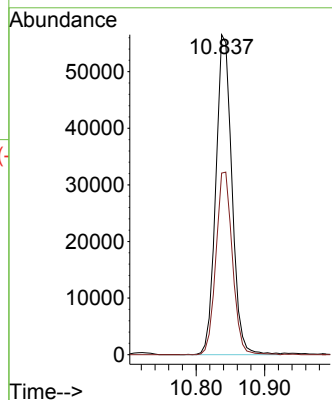
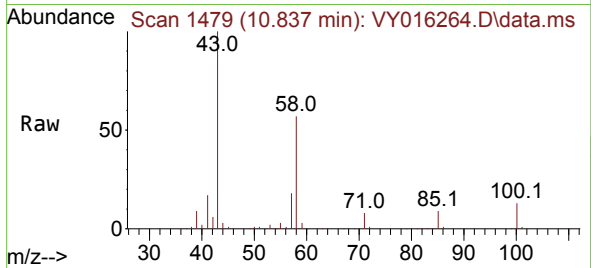




#59
2-Hexanone
Concen: 108.876 ug/l
RT: 10.837 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

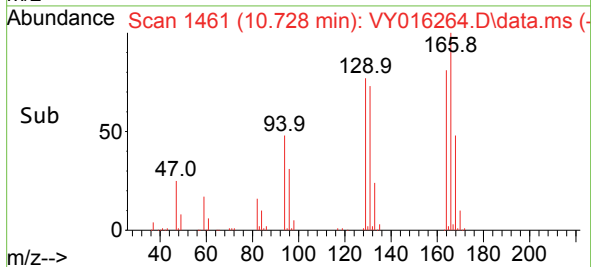
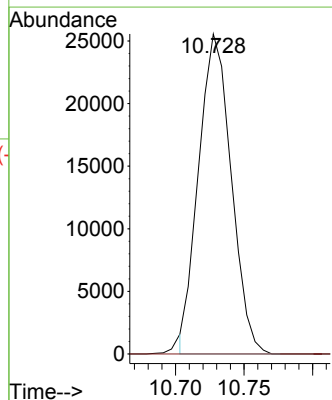
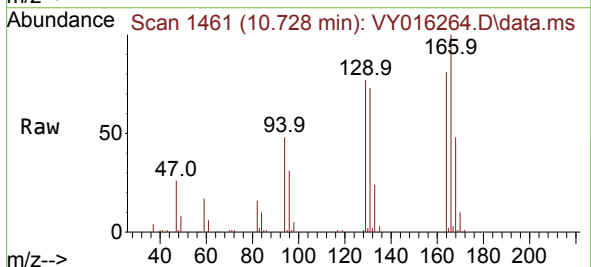
Instrument :
MSVOA_Y
ClientSampleId :

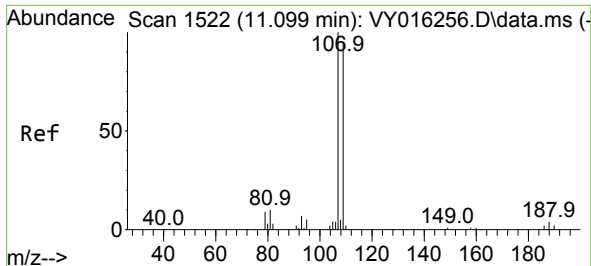
Tgt Ion: 43 Resp: 92016
Ion Ratio Lower Upper
43 100
58 58.1 25.1 75.3



#60
Dibromochloromethane
Concen: 23.318 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. -0.268 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

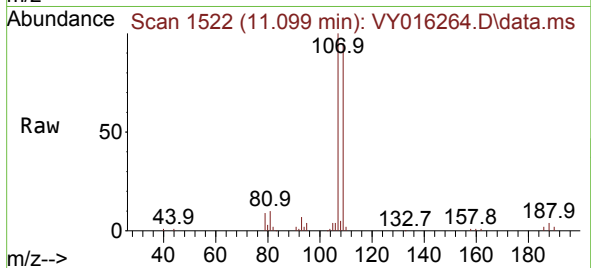
Tgt Ion:129 Resp: 42281
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



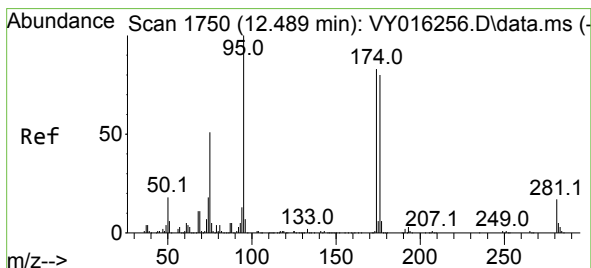
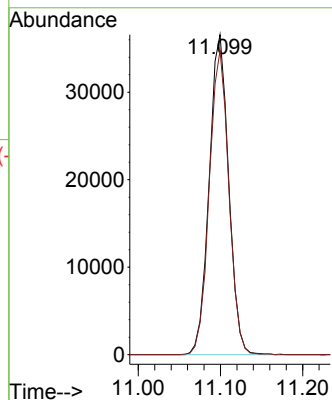
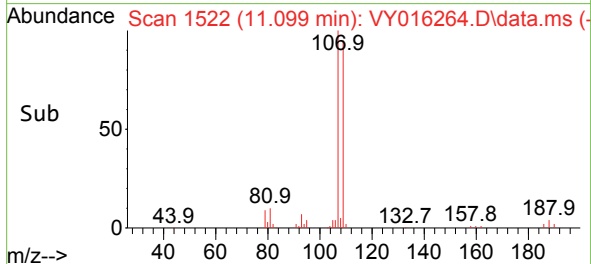


#61
1,2-Dibromoethane
Concen: 43.595 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

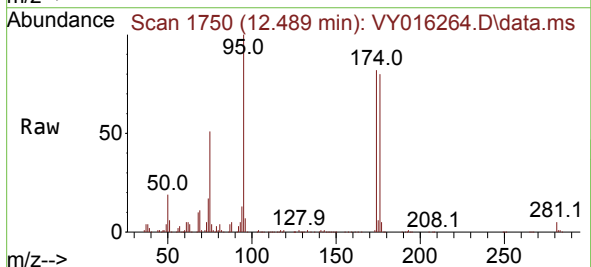
Instrument :
MSVOA_Y
ClientSampleId :



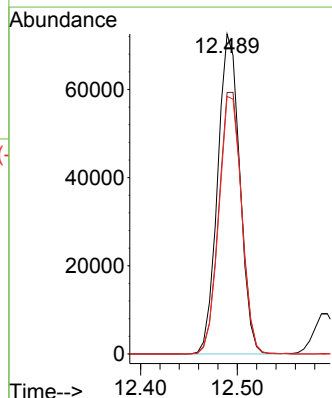
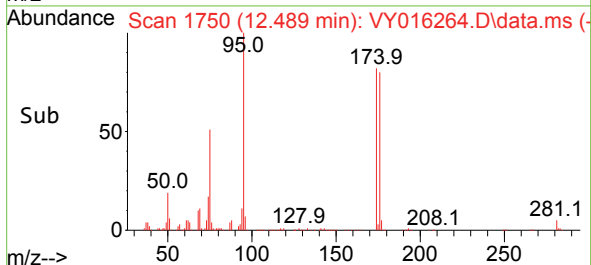
Tgt Ion:107 Resp: 60217
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4

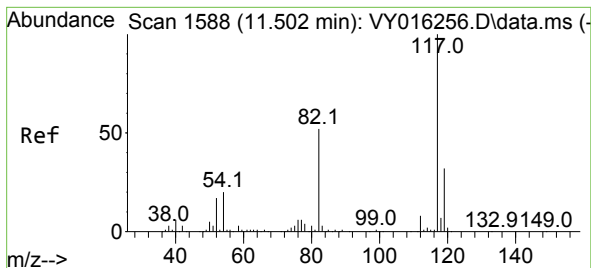


#62
4-Bromofluorobenzene
Concen: 52.723 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35



Tgt Ion: 95 Resp: 115050
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 82.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1

Delta R.T. -0.000 min

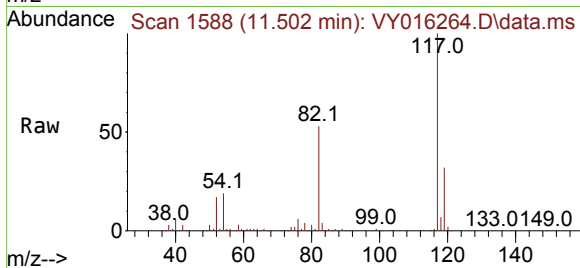
Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :



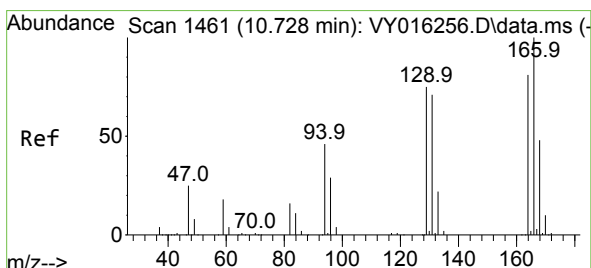
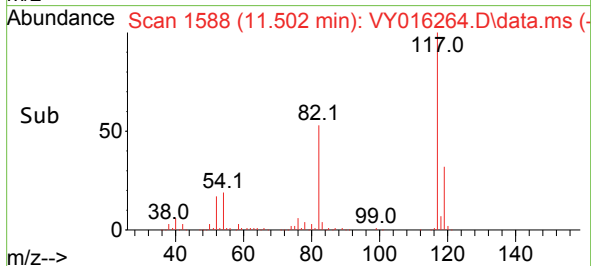
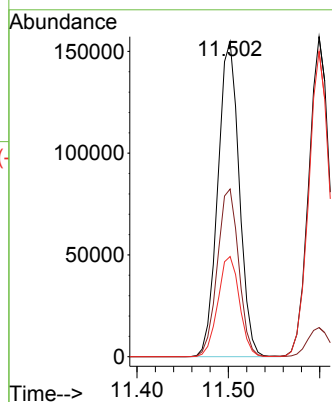
Tgt Ion:117 Resp: 252065

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 19.878 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

Tgt Ion:164 Resp: 44989

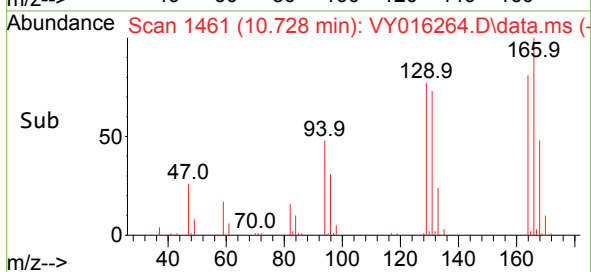
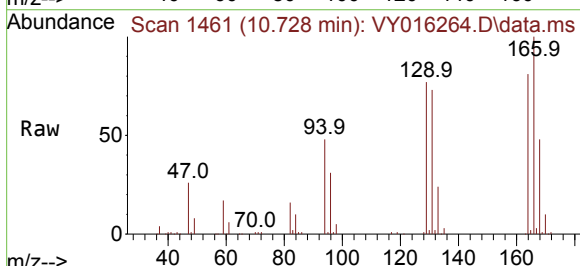
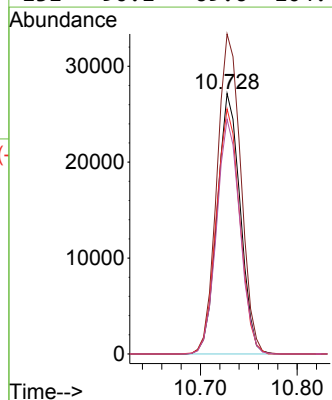
Ion Ratio Lower Upper

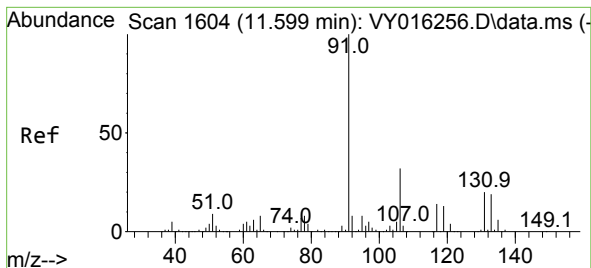
164 100

166 122.9 103.0 154.6

129 94.1 77.2 115.8

131 90.1 69.6 104.4

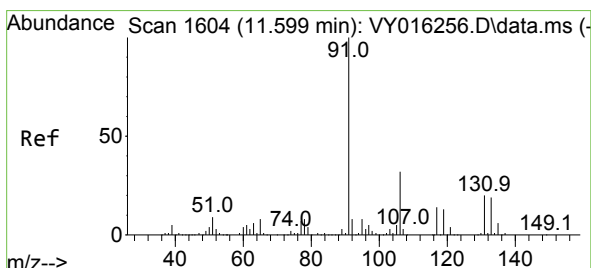
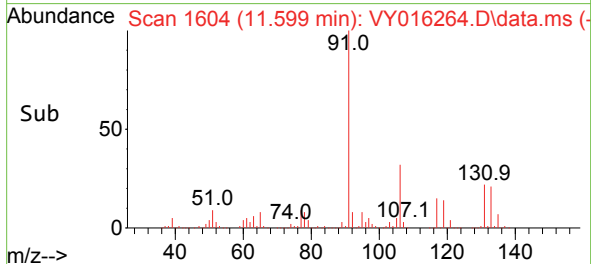
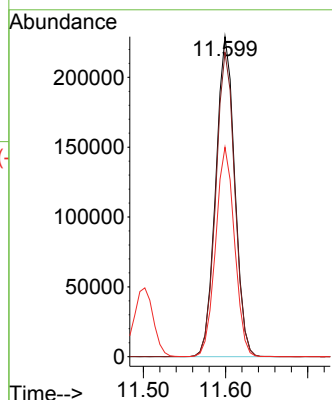
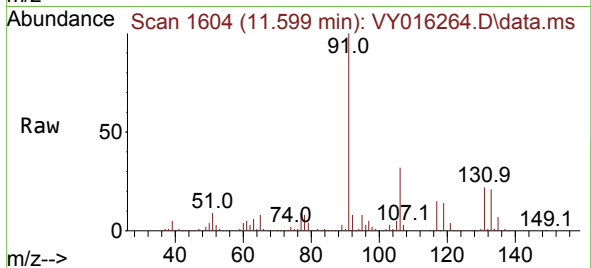




#66
 1,1,1,2-Tetrachloroethane
 Concen: 184.205 ug/l
 RT: 11.599 min Scan# 1604
 Delta R.T. -0.000 min
 Lab File: VY016264.D
 Acq: 08 Nov 2023 15:35

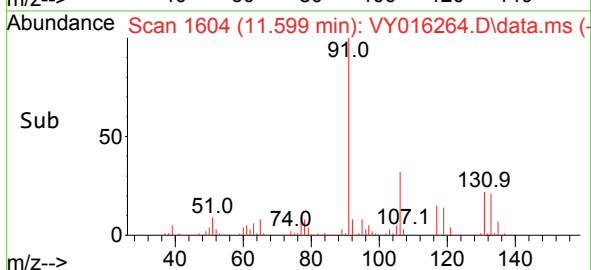
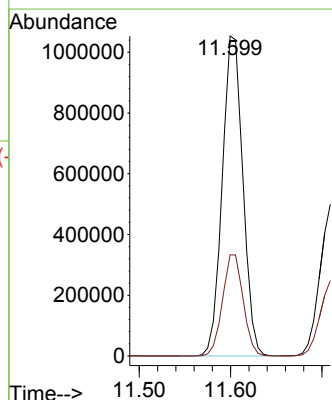
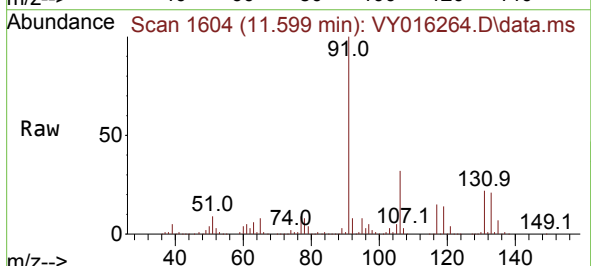
Instrument :
 MSVOA_Y
 ClientSampleId :

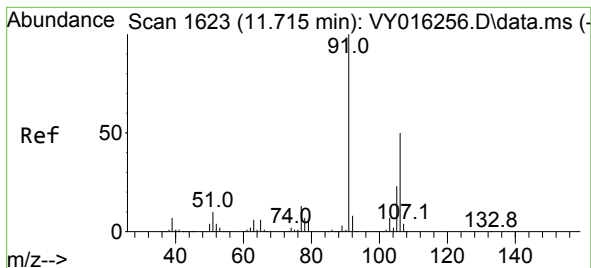
Tgt Ion:131 Resp: 365891
 Ion Ratio Lower Upper
 131 100
 133 95.5 47.5 142.6
 119 65.4 31.6 94.7



#67
 Ethyl Benzene
 Concen: 171.025 ug/l
 RT: 11.599 min Scan# 1604
 Delta R.T. -0.000 min
 Lab File: VY016264.D
 Acq: 08 Nov 2023 15:35

Tgt Ion: 91 Resp: 1655269
 Ion Ratio Lower Upper
 91 100
 106 31.6 24.6 36.8

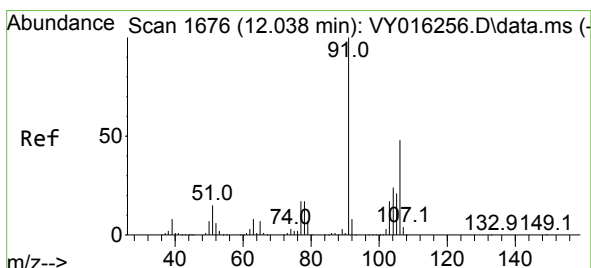
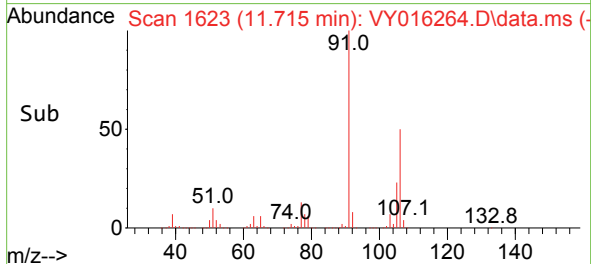
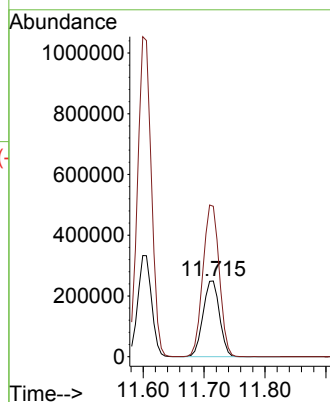
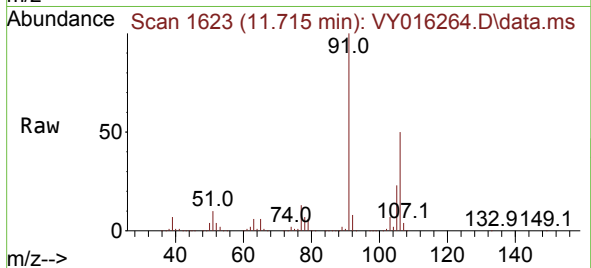




#68
m/p-Xylenes
Concen: 127.514 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

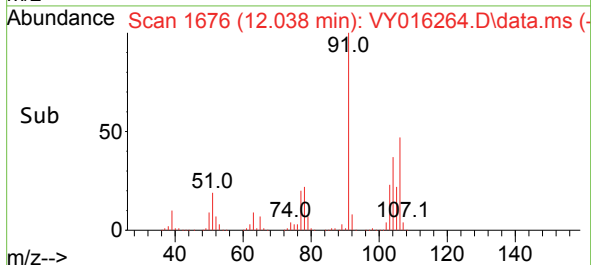
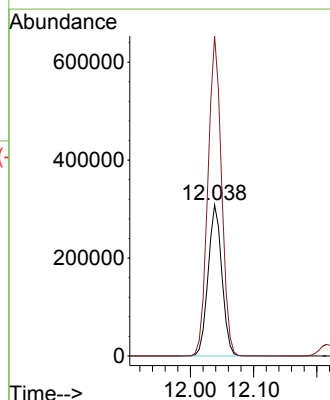
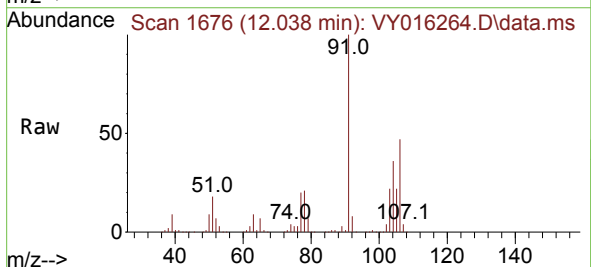
Instrument :
MSVOA_Y
ClientSampleId :

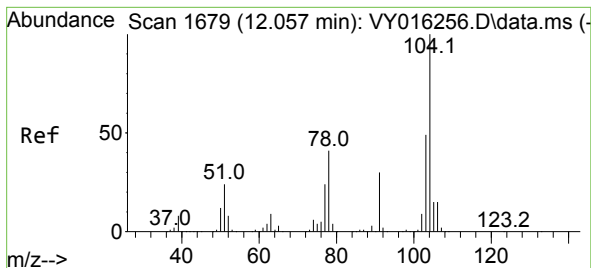
Tgt Ion:106 Resp: 468099
Ion Ratio Lower Upper
106 100
91 199.6 166.1 249.1



#69
o-Xylene
Concen: 136.771 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

Tgt Ion:106 Resp: 466163
Ion Ratio Lower Upper
106 100
91 209.9 108.1 324.3





#70

Styrene

Concen: 221.346 ug/l

RT: 12.057 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

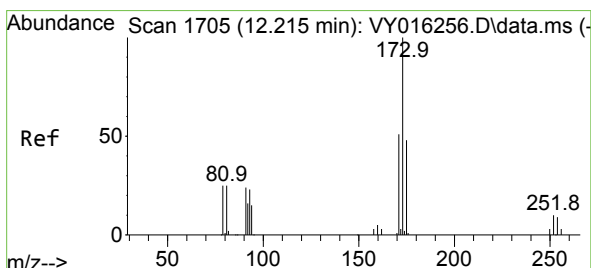
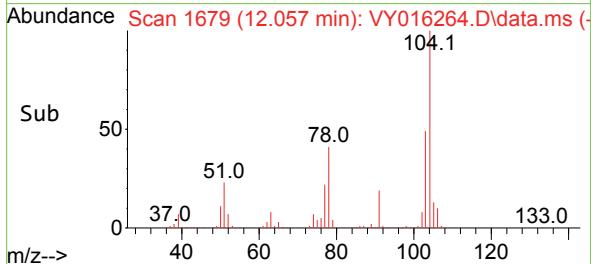
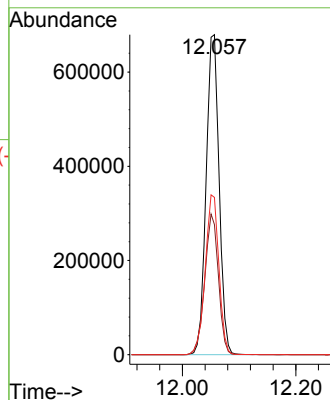
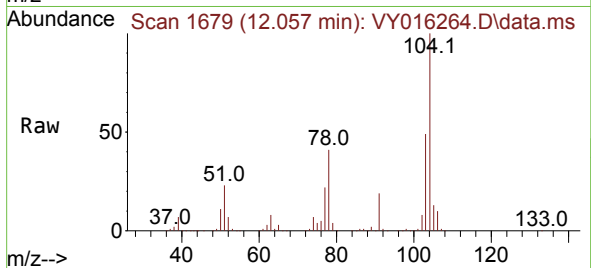
Tgt Ion:104 Resp: 1080258

Ion Ratio Lower Upper

104 100

78 46.0 41.5 62.3

103 52.7 44.6 67.0



#71

Bromoform

Concen: 164.720 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

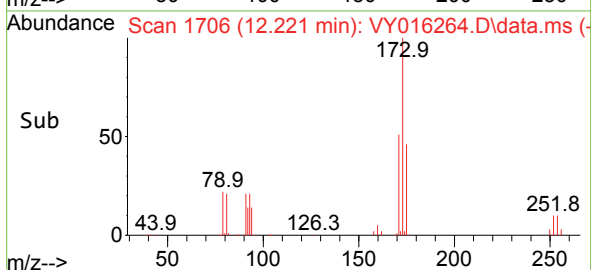
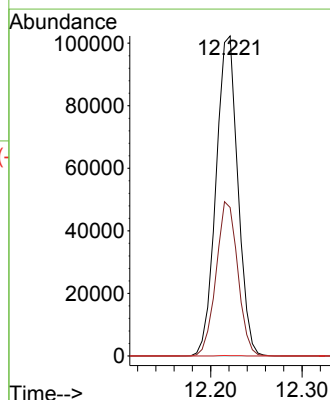
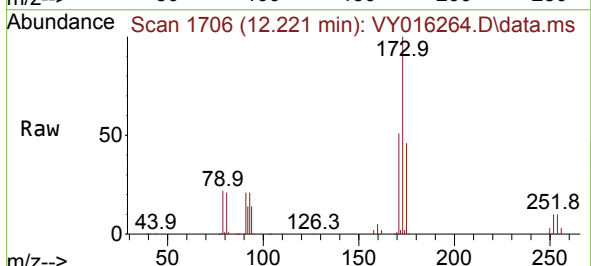
Tgt Ion:173 Resp: 169773

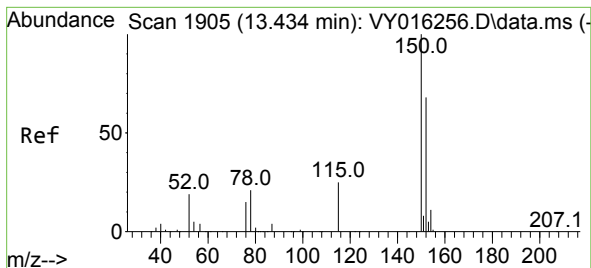
Ion Ratio Lower Upper

173 100

175 47.8 24.6 73.8

254 0.1 0.2 0.2#

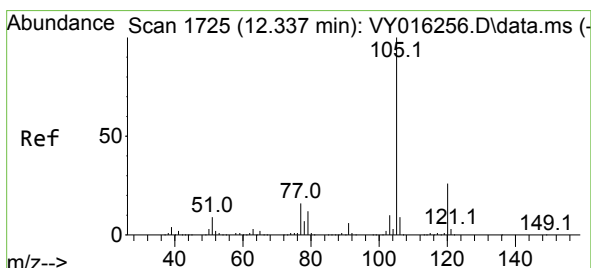
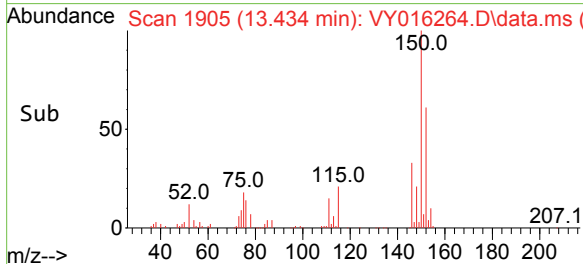
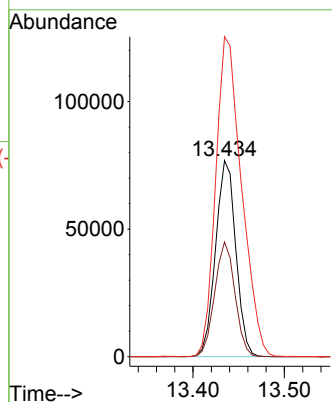
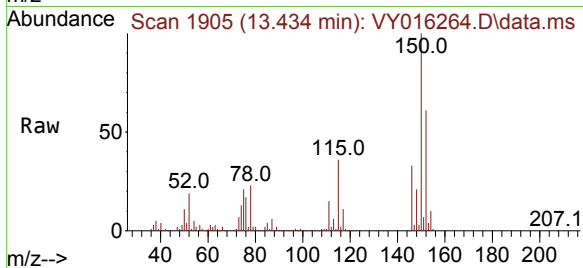




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016264.D
 Acq: 08 Nov 2023 15:35

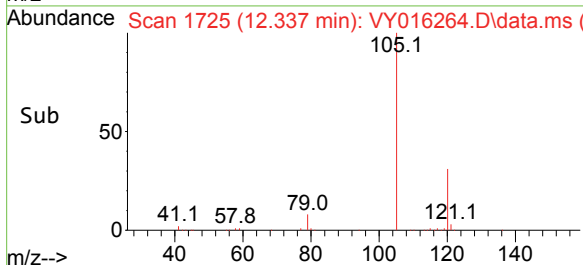
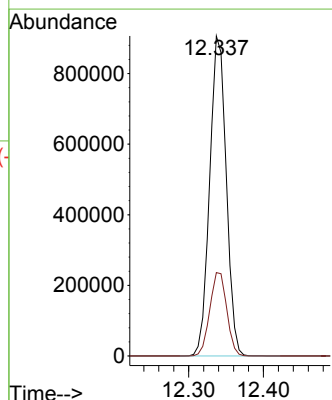
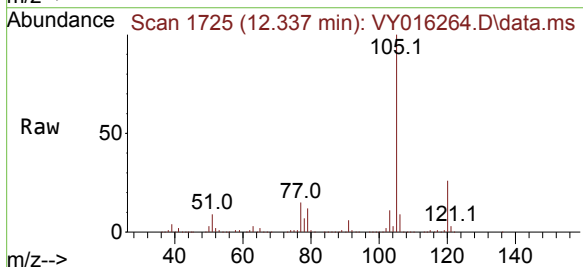
Instrument :
 MSVOA_Y
 ClientSampleId :

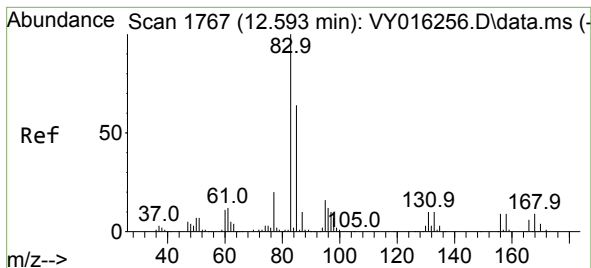
Tgt Ion:152 Resp: 118573
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.8 86.5
 150 208.3 0.0 348.8



#73
 Isopropylbenzene
 Concen: 145.630 ug/l
 RT: 12.337 min Scan# 1725
 Delta R.T. -0.000 min
 Lab File: VY016264.D
 Acq: 08 Nov 2023 15:35

Tgt Ion:105 Resp: 1398317
 Ion Ratio Lower Upper
 105 100
 120 26.6 13.3 39.9





#75

1,1,2,2-Tetrachloroethane

Concen: 59.814 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

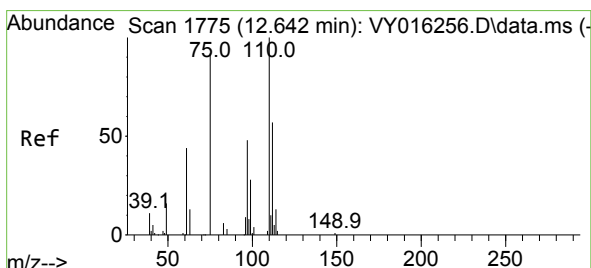
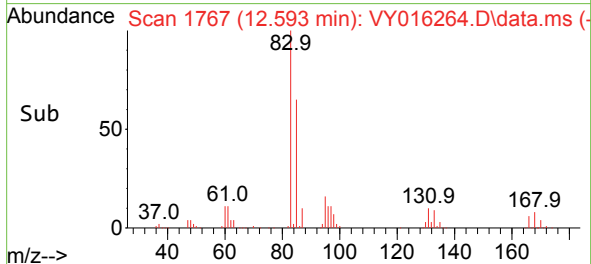
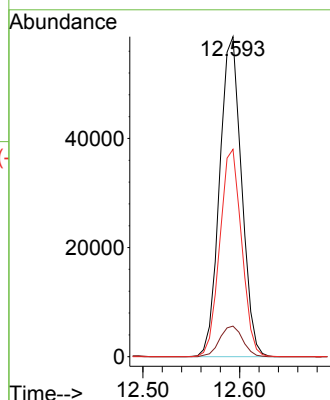
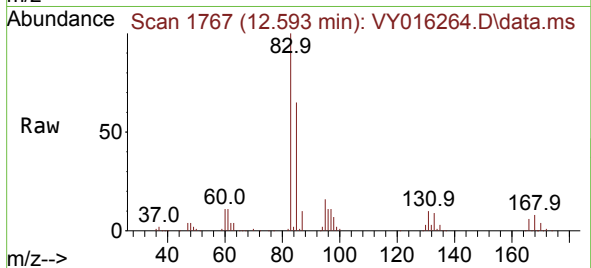
Tgt Ion: 83 Resp: 92158

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 51.942 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016264.D

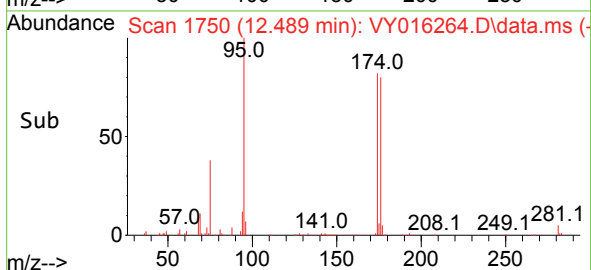
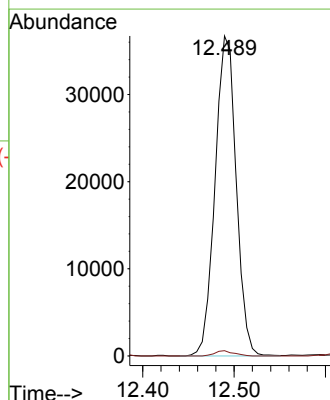
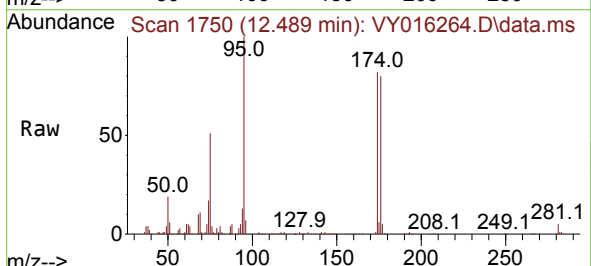
Acq: 08 Nov 2023 15:35

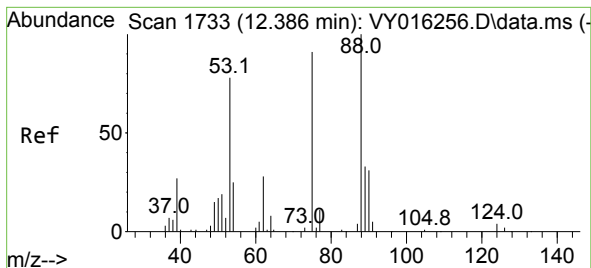
Tgt Ion: 75 Resp: 59082

Ion Ratio Lower Upper

75 100

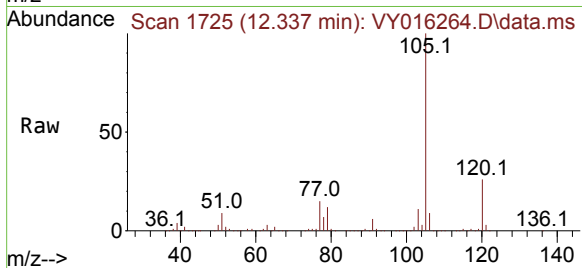
77 0.0 0.0 0.0



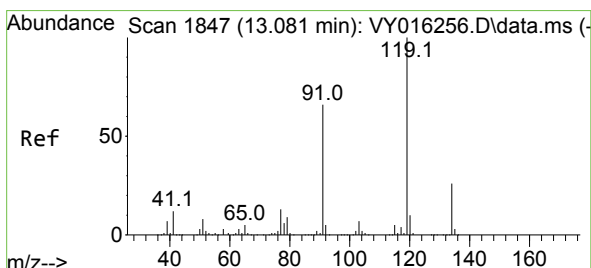
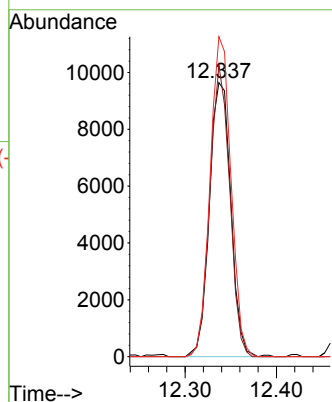
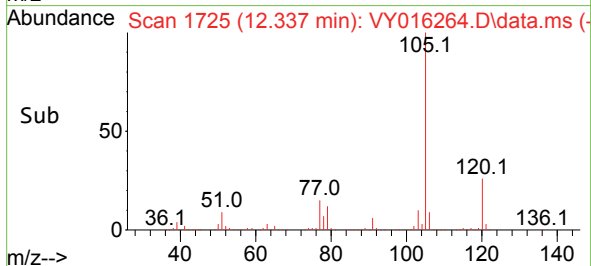


#81
trans-1,4-Dichloro-2-butene
Concen: 29.971 ug/l
RT: 12.337 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

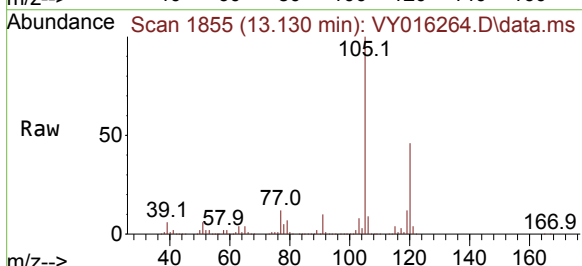
Instrument :
MSVOA_Y
ClientSampleId :



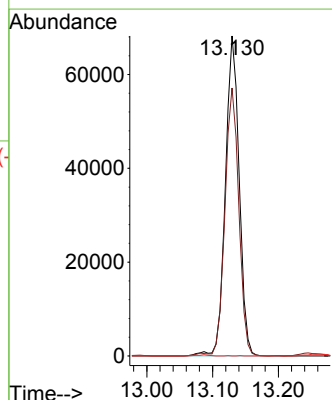
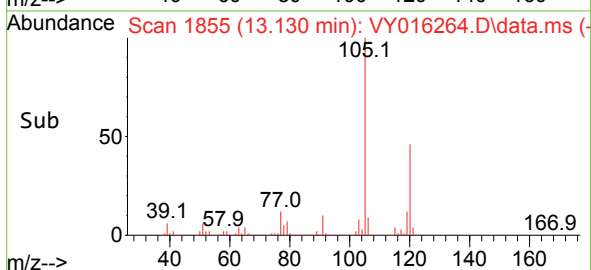
Tgt Ion: 75 Resp: 15706
Ion Ratio Lower Upper
75 100
53 97.9 77.8 116.8
89 113.7 37.4 56.0#

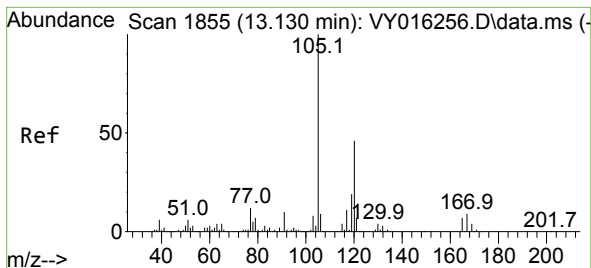


#83
tert-Butylbenzene
Concen: 14.618 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.049 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35



Tgt Ion: 119 Resp: 99675
Ion Ratio Lower Upper
119 100
91 83.8 32.9 98.6
134 0.0 13.0 38.9#





#84

1,2,4-Trimethylbenzene

Concen: 104.909 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

Instrument :

MSVOA_Y

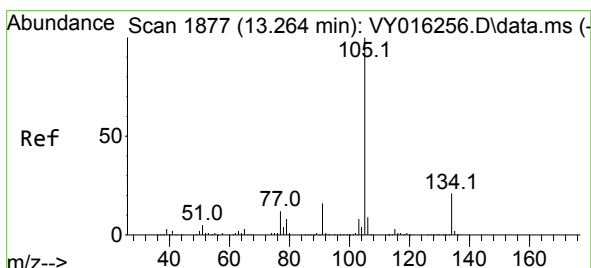
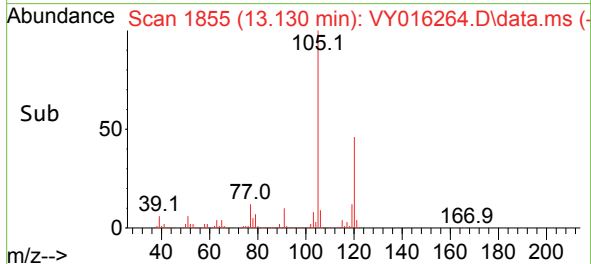
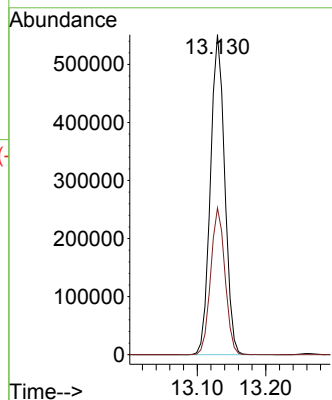
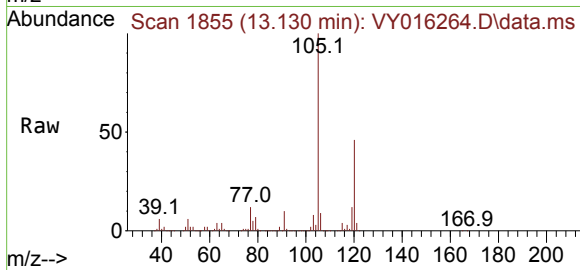
ClientSampleId :

Tgt Ion:105 Resp: 799685

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6



#85

sec-Butylbenzene

Concen: 82.090 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. -0.134 min

Lab File: VY016264.D

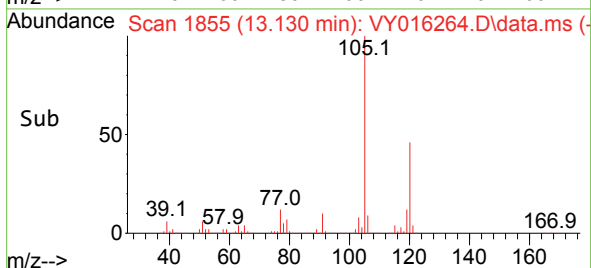
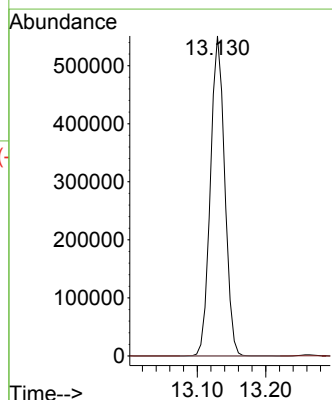
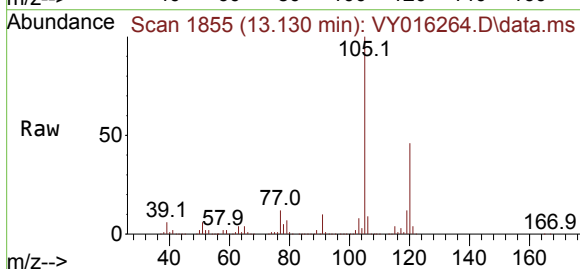
Acq: 08 Nov 2023 15:35

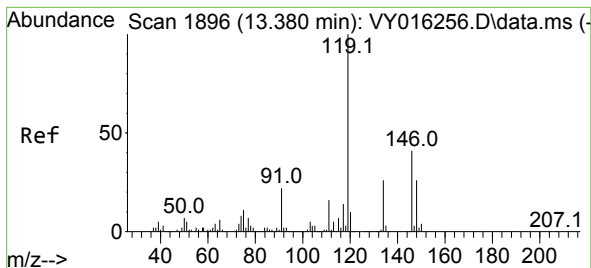
Tgt Ion:105 Resp: 799685

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#





#86

p-Isopropyltoluene

Concen: 11.753 ug/l

RT: 13.130 min Scan# 11

Delta R.T. -0.250 min

Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

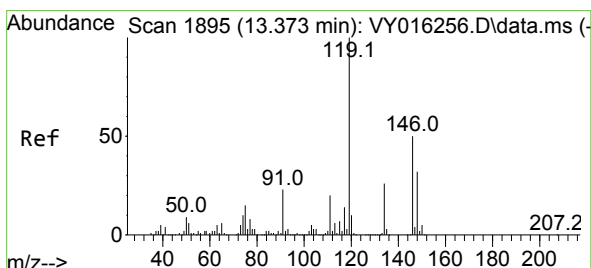
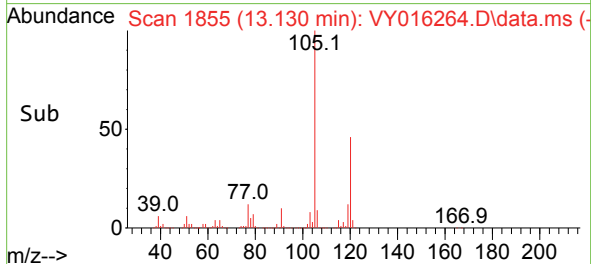
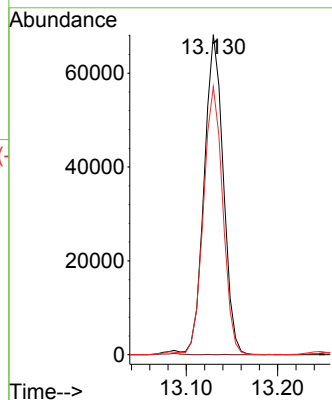
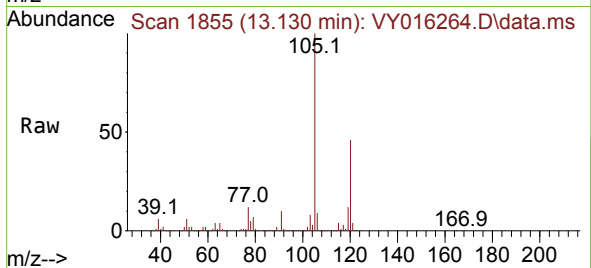
Tgt Ion:119 Resp: 98588

Ion Ratio Lower Upper

119 100

134 0.0 13.3 39.8#

91 84.6 12.4 37.4#



#87

1,3-Dichlorobenzene

Concen: 144.908 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.079 min

Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

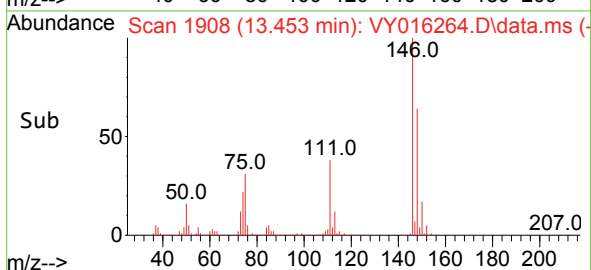
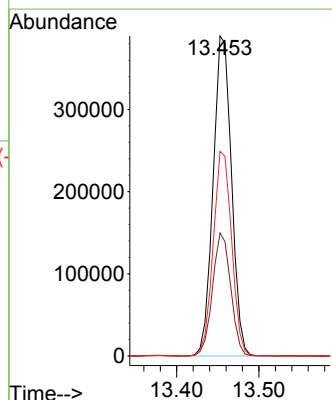
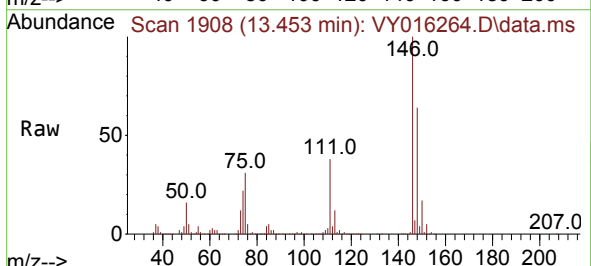
Tgt Ion:146 Resp: 604994

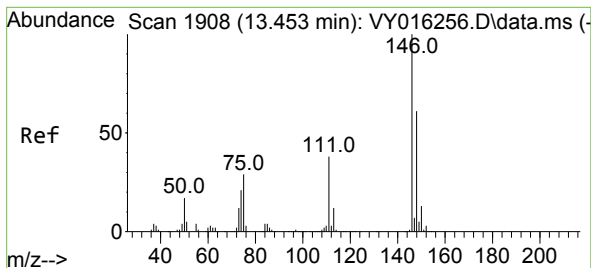
Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.2

148 64.2 31.9 95.5





#88

1,4-Dichlorobenzene

Concen: 148.273 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

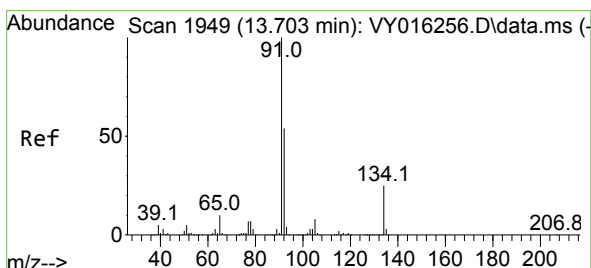
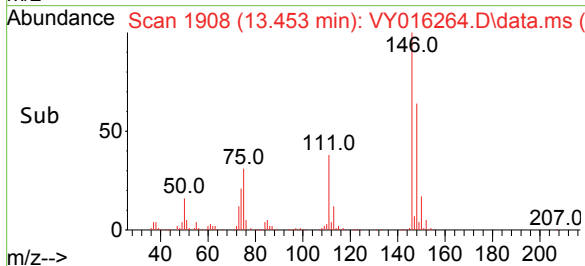
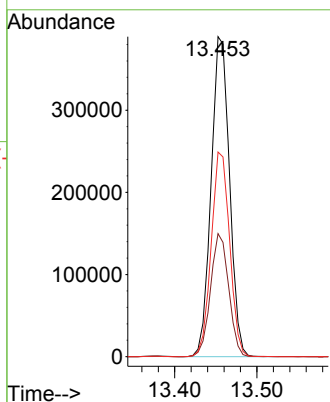
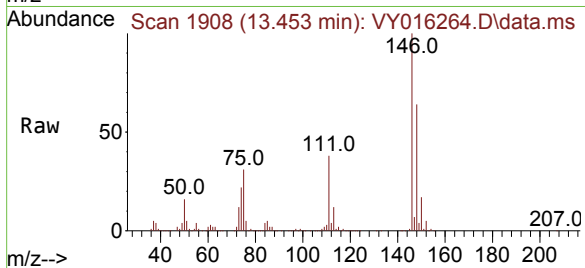
Tgt Ion:146 Resp: 604994

Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.7

148 64.2 32.1 96.5



#89

n-Butylbenzene

Concen: 90.305 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

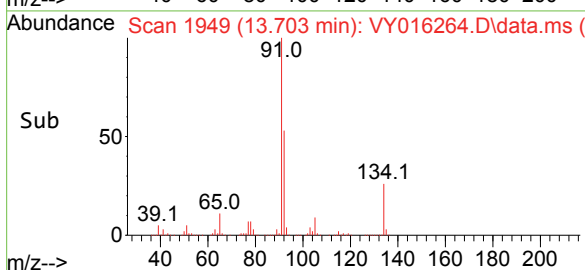
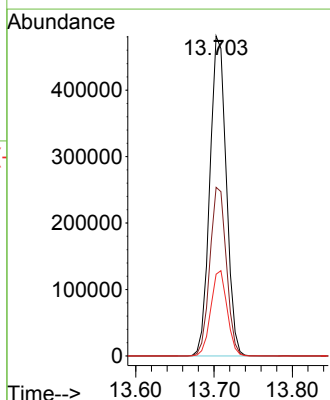
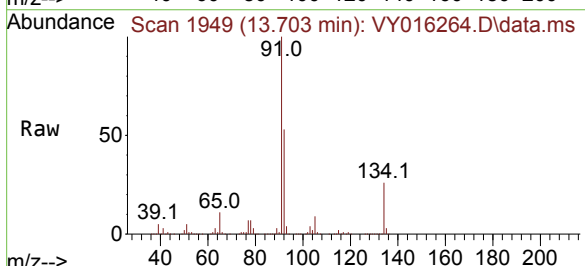
Tgt Ion: 91 Resp: 699552

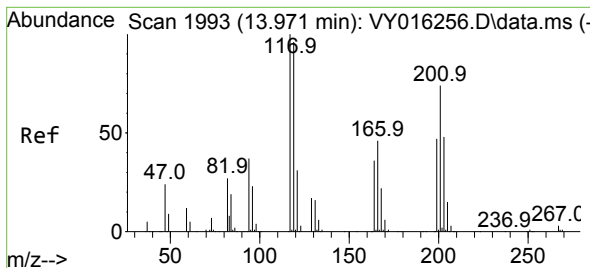
Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.5 12.6 37.6





#90

Hexachloroethane

Concen: 4.624 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. -0.268 min

Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

Instrument :

MSVOA_Y

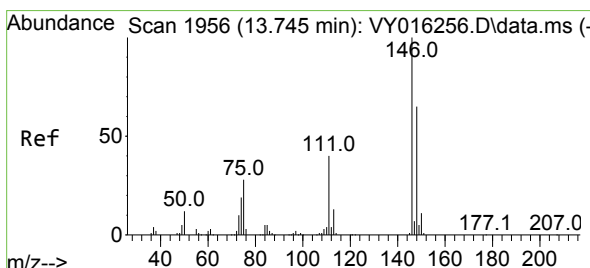
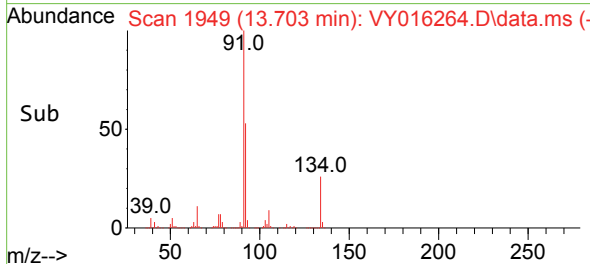
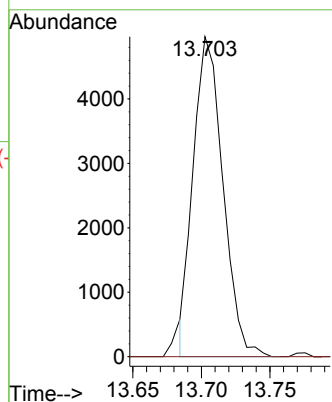
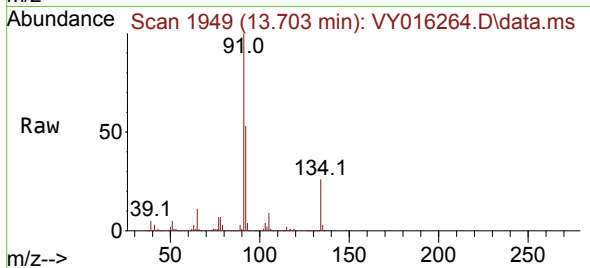
ClientSampleId :

Tgt Ion:117 Resp: 7482

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#



#91

1,2-Dichlorobenzene

Concen: 107.545 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY016264.D

Acq: 08 Nov 2023 15:35

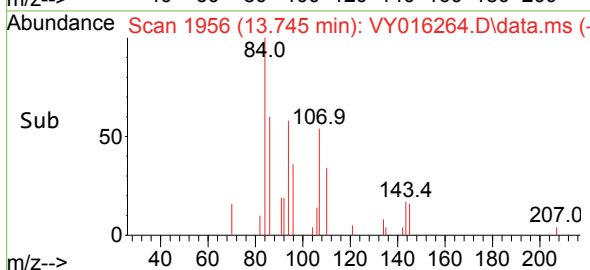
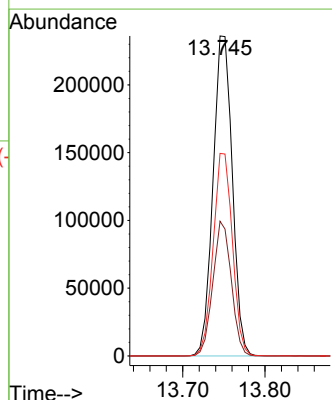
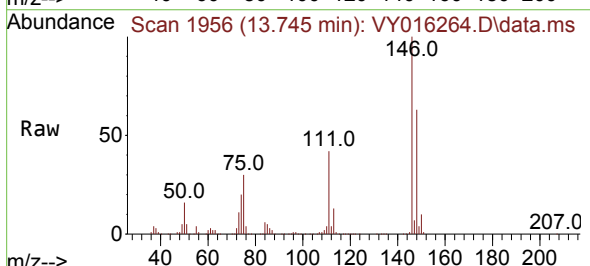
Tgt Ion:146 Resp: 384754

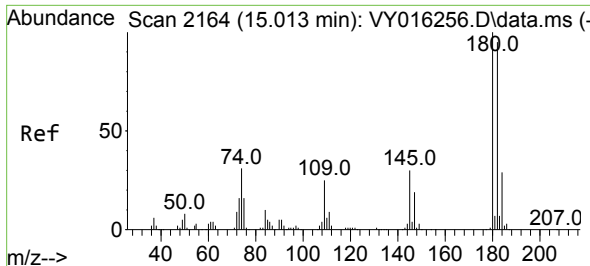
Ion Ratio Lower Upper

146 100

111 40.2 19.7 59.0

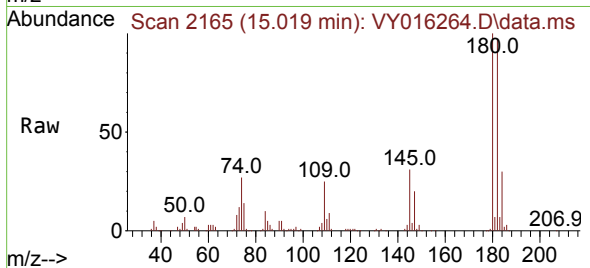
148 63.1 32.0 96.2



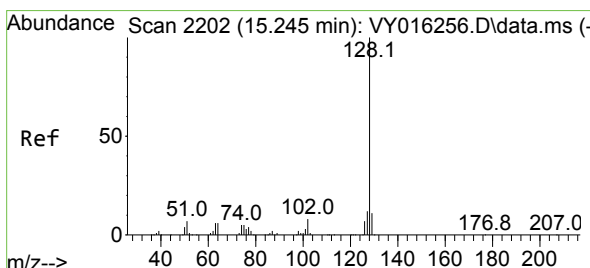
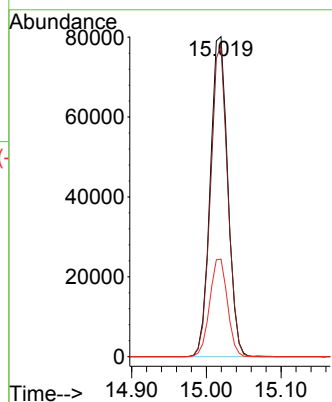
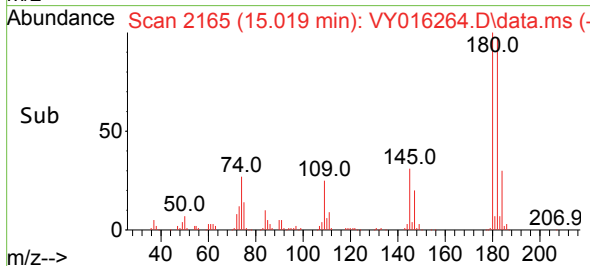


#93
1,2,4-Trichlorobenzene
Concen: 62.585 ug/l
RT: 15.019 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35

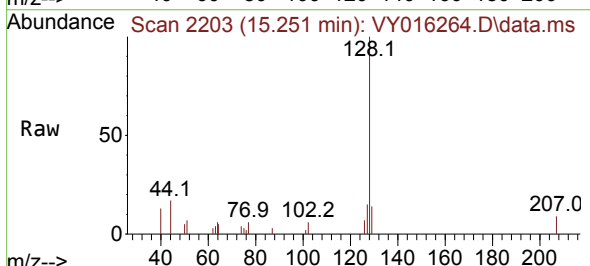
Instrument :
MSVOA_Y
ClientSampleId :



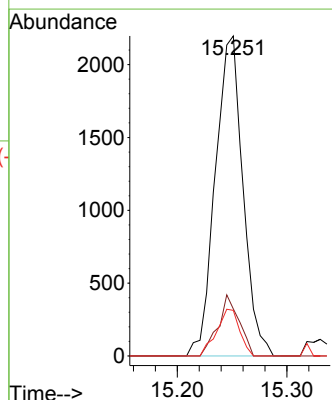
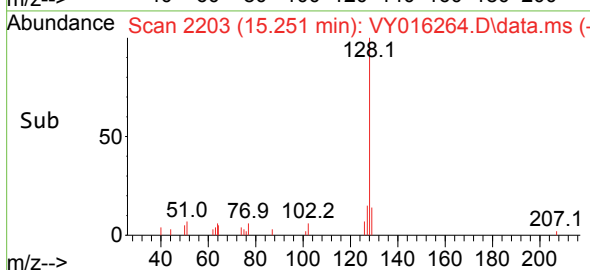
Tgt Ion:180 Resp: 130695
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.2
145 30.9 14.5 43.5

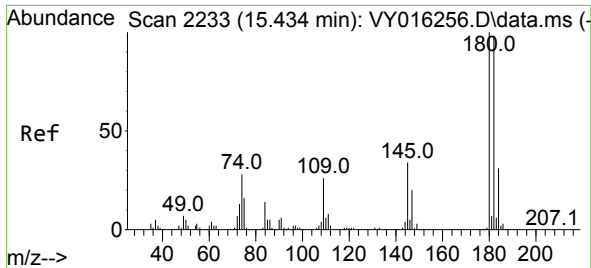


#95
Naphthalene
Concen: 1.030 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY016264.D
Acq: 08 Nov 2023 15:35



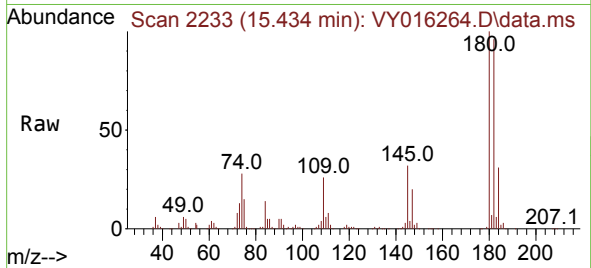
Tgt Ion:128 Resp: 3847
Ion Ratio Lower Upper
128 100
127 14.6 10.8 16.2
129 12.1 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 171.722 ug/l
 RT: 15.434 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY016264.D
 Acq: 08 Nov 2023 15:35

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 296604
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.3 141.8
 145 32.2 15.4 46.2

