

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016558.D
 Acq On : 01 Dec 2023 13:46
 Operator : SY/MD
 Sample : 05586-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 23:37:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

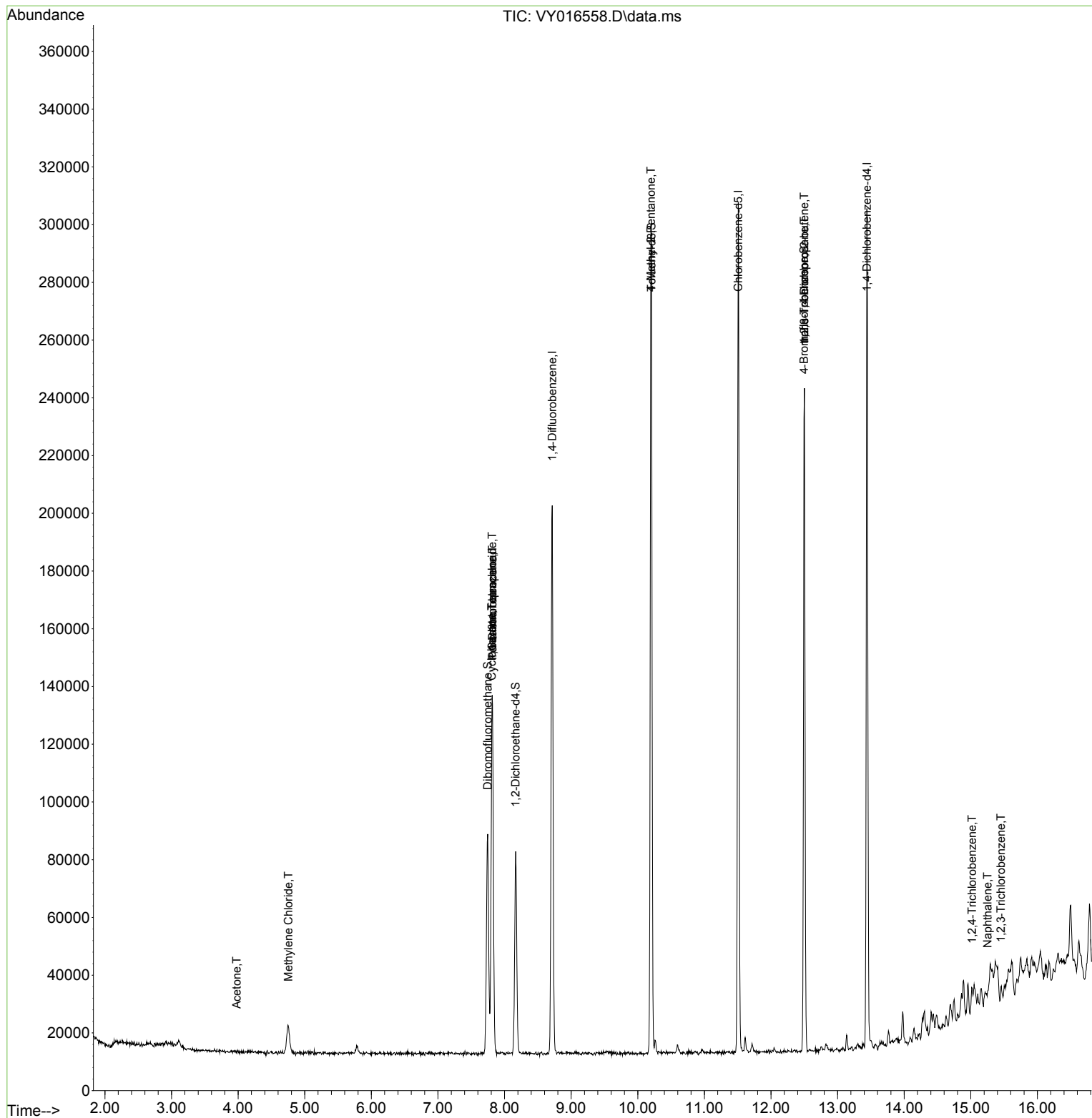
Internal Standards						
1) Pentafluorobenzene	7.820	168	104773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.716	114	178326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	173807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	80168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	56281	67.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.980%	
35) Dibromofluoromethane	7.746	113	54396	51.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.940%	
50) Toluene-d8	10.203	98	207880	51.210	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.496	95	71947	56.499	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.000%	
Target Compounds						
					Qvalue	
16) Acetone	3.979	43	458	7.877	ug/l	98
20) Methylene Chloride	4.753	84	8737	6.698	ug/l #	73
31) Cyclohexane	7.807	56	1549	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.820	75	6696	4.332	ug/l #	52
38) Carbon Tetrachloride	7.813	117	9796	5.400	ug/l #	15
51) 4-Methyl-2-Pentanone	10.197	43	577	1.161	ug/l #	1
76) 1,2,3-Trichloropropane	12.502	75	35388	52.574	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	35388	114.661	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.019	180	384	3.669	ug/l #	1
95) Naphthalene	15.251	128	4046	6.403	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.452	180	390	4.417	ug/l #	1

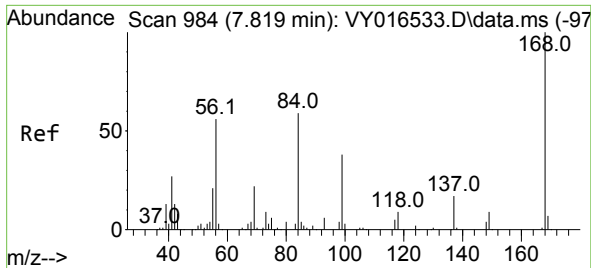
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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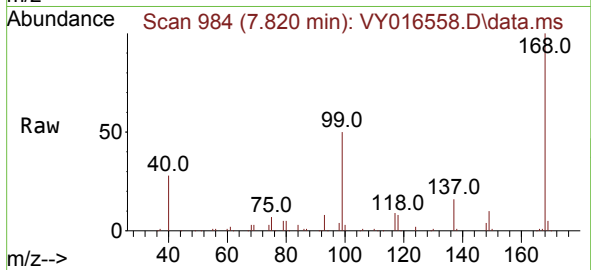
Quant Time: Dec 01 23:37:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 2023
Response via : Initial Calibration



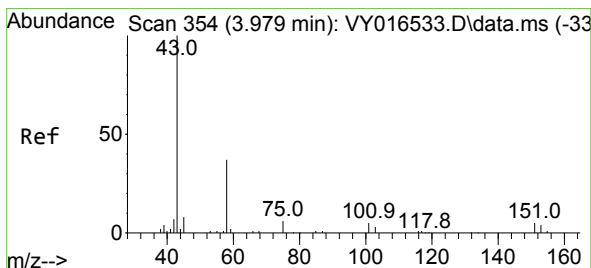
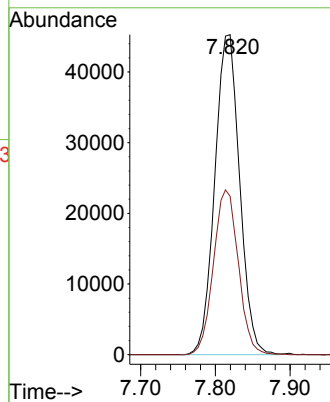
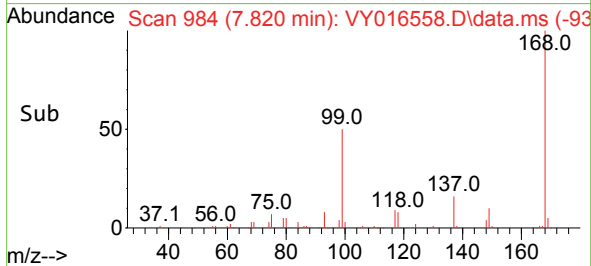


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.820 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY016558.D
Acq: 01 Dec 2023 13:46

Instrument :
MSVOA_Y
ClientSampleId :

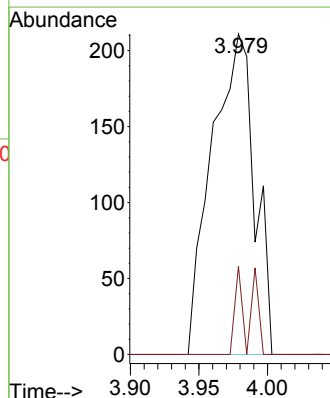
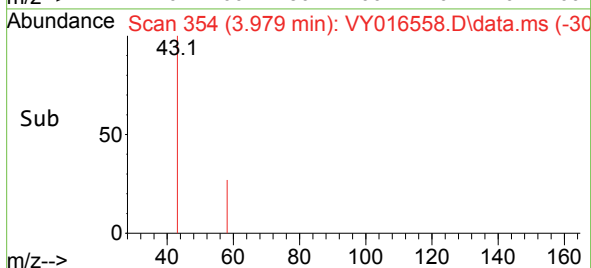
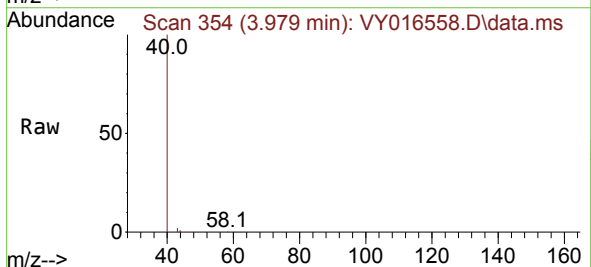


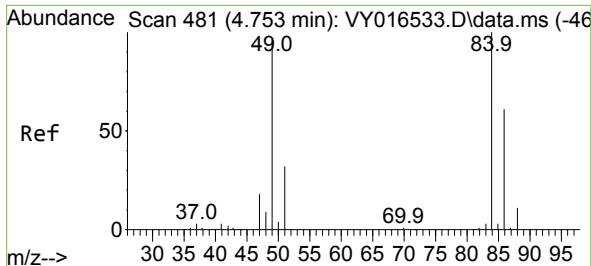
Tgt Ion:168 Resp: 104773
Ion Ratio Lower Upper
168 100
99 49.5 43.4 65.0



#16
Acetone
Concen: 7.877 ug/l
RT: 3.979 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY016558.D
Acq: 01 Dec 2023 13:46

Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
58 27.5 22.7 34.1



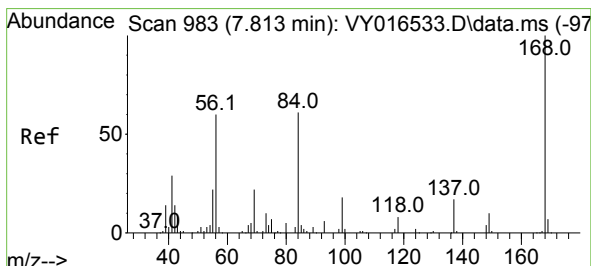
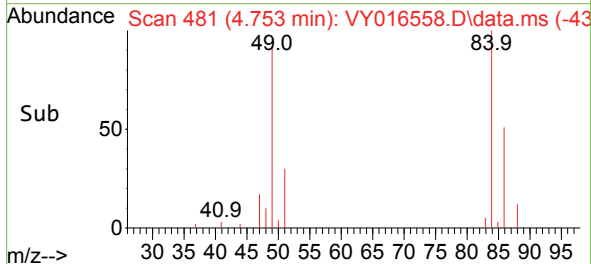
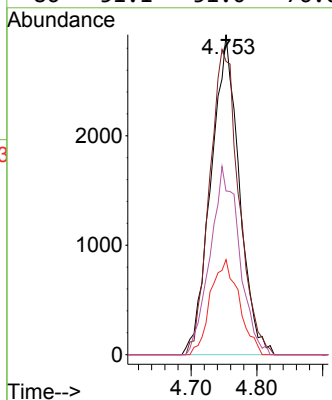
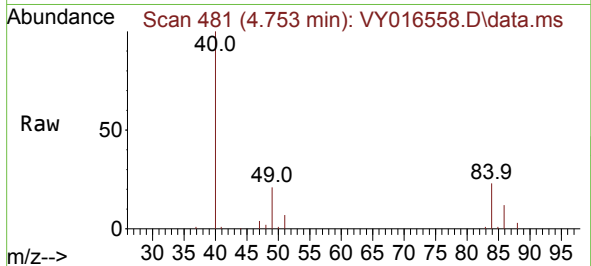


#20
Methylene Chloride
Concen: 6.698 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.000 min
Lab File: VY016558.D
Acq: 01 Dec 2023 13:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 8737

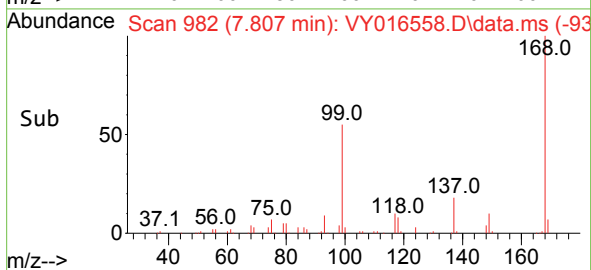
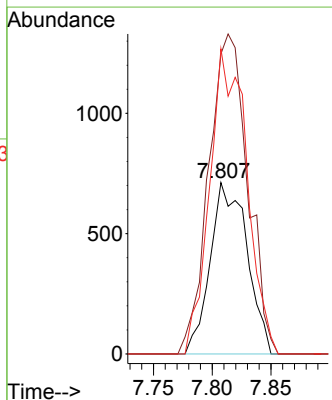
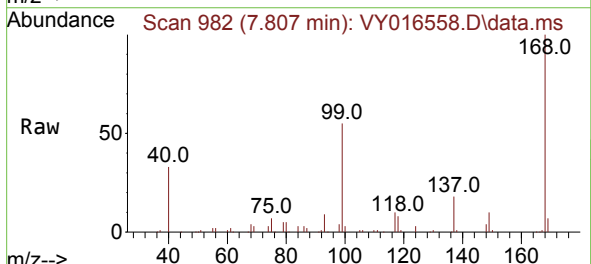
Ion	Ratio	Lower	Upper
84	100		
49	91.7	106.9	160.3#
51	29.7	33.2	49.8#
86	51.1	51.0	76.6

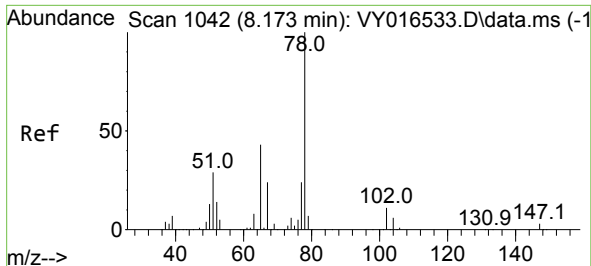


#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY016558.D
Acq: 01 Dec 2023 13:46

Tgt Ion: 56 Resp: 1549

Ion	Ratio	Lower	Upper
56	100		
69	175.1	27.8	41.6#
84	178.1	66.4	99.6#

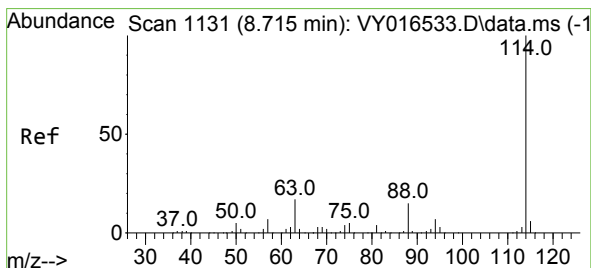
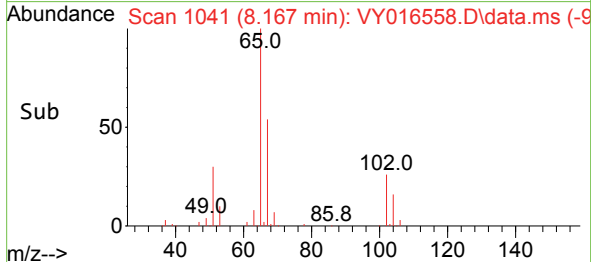
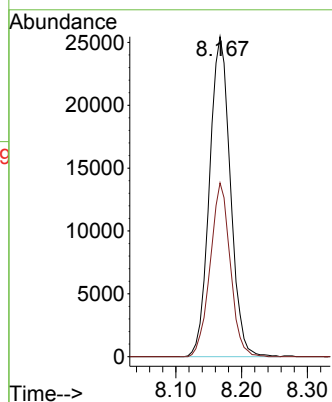
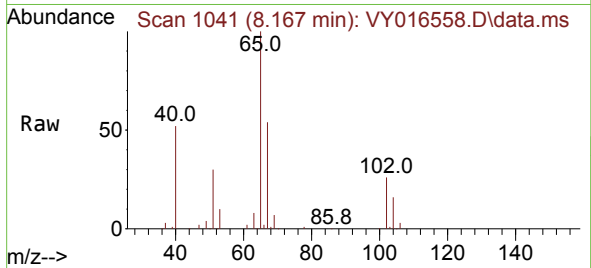




#33
 1,2-Dichloroethane-d4
 Concen: 67.993 ug/l
 RT: 8.167 min Scan# 1042
 Delta R.T. -0.006 min
 Lab File: VY016558.D
 Acq: 01 Dec 2023 13:46

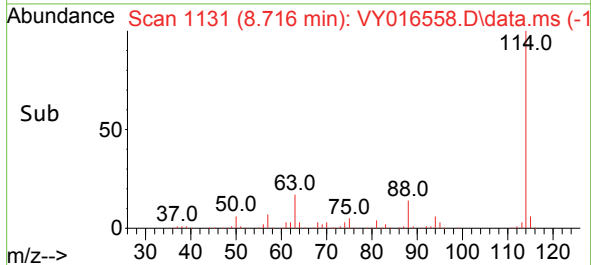
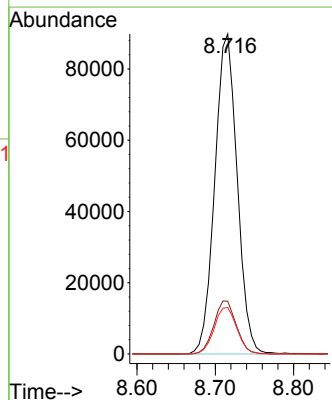
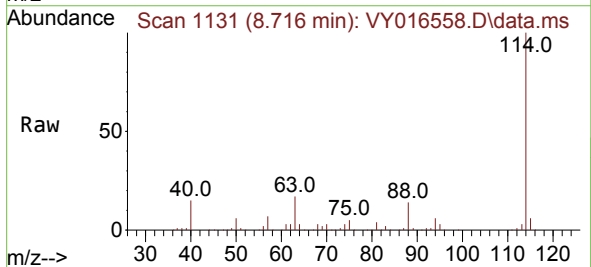
Instrument :
 MSVOA_Y
 ClientSampleId :

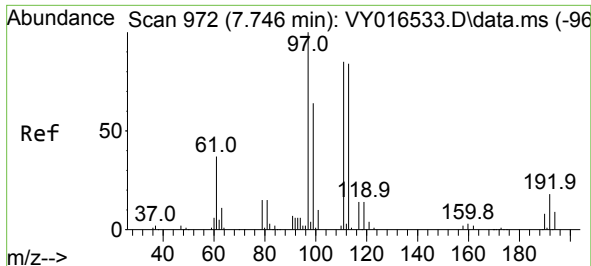
Tgt Ion: 65 Resp: 56281
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY016558.D
 Acq: 01 Dec 2023 13:46

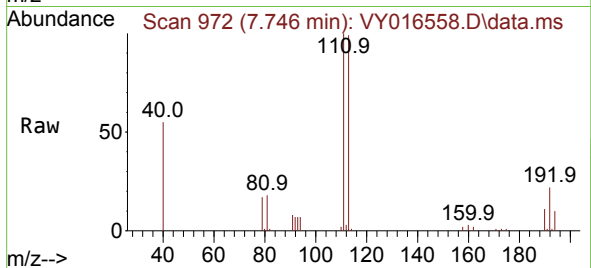
Tgt Ion:114 Resp: 178326
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 42.4
 88 14.5 0.0 30.6



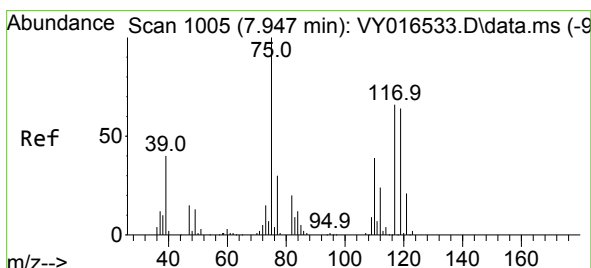
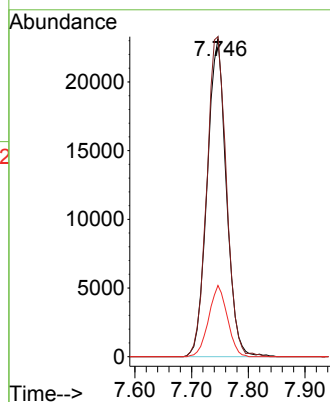
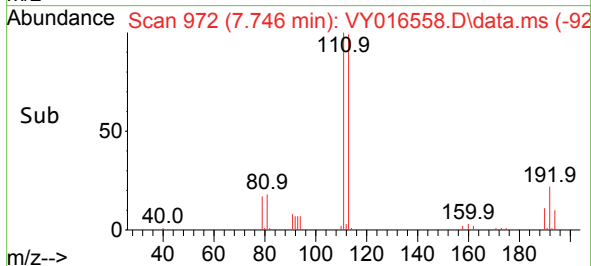


#35
Dibromofluoromethane
Concen: 51.973 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016558.D
Acq: 01 Dec 2023 13:46

Instrument :
MSVOA_Y
ClientSampleId :

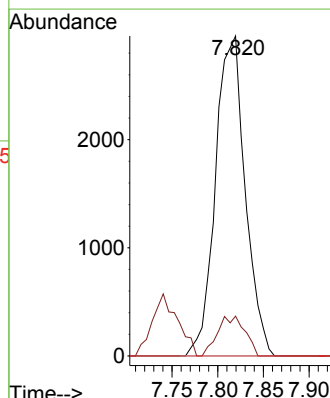
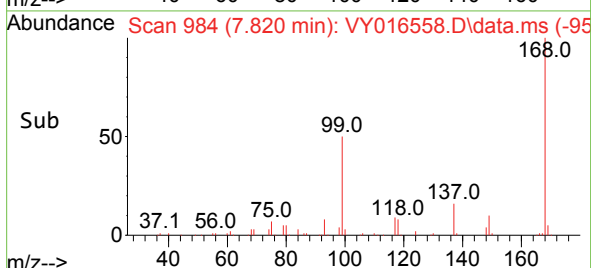
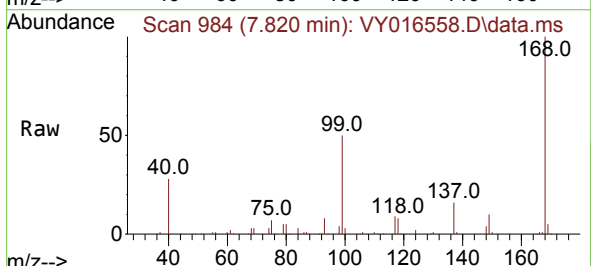


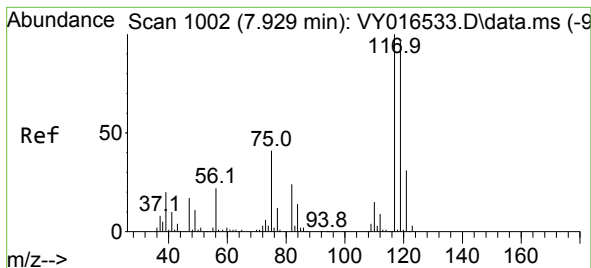
Tgt Ion:113 Resp: 54396
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 21.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.332 ug/l
RT: 7.820 min Scan# 984
Delta R.T. -0.128 min
Lab File: VY016558.D
Acq: 01 Dec 2023 13:46

Tgt Ion: 75 Resp: 6696
Ion Ratio Lower Upper
75 100
110 11.5 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.400 ug/l

RT: 7.813 min Scan# 91

Delta R.T. -0.116 min

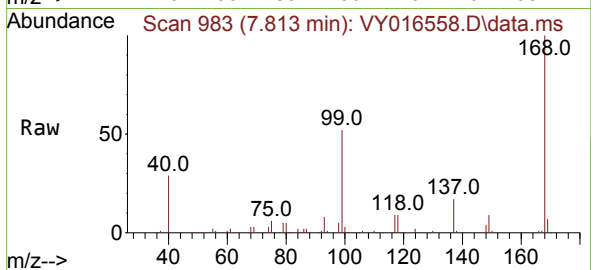
Lab File: VY016558.D

Acq: 01 Dec 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :



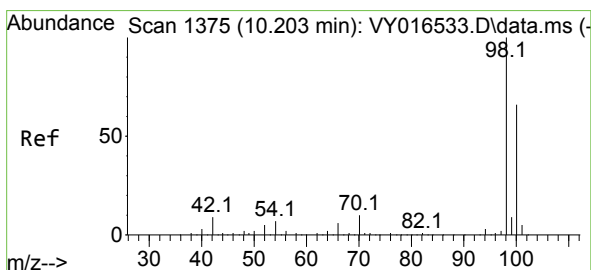
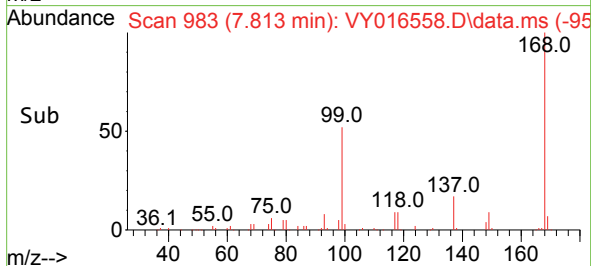
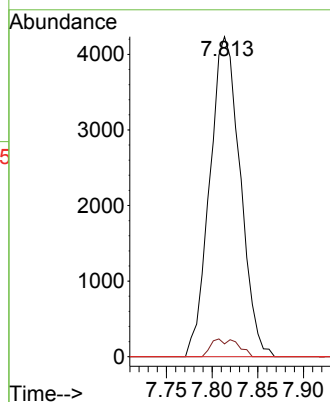
Tgt Ion:117 Resp: 9796

Ion Ratio Lower Upper

117 100

119 4.0 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 51.210 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY016558.D

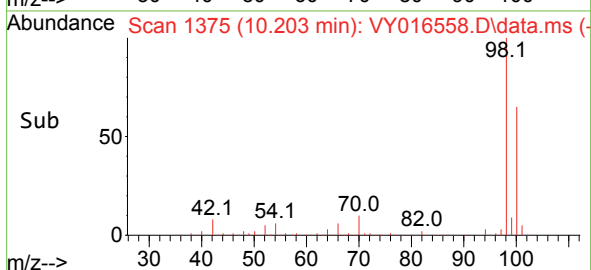
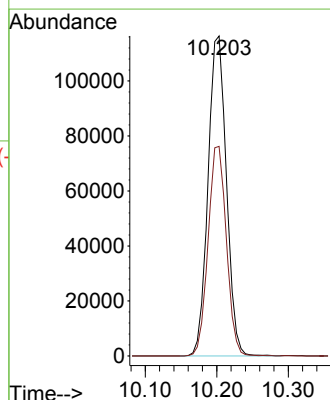
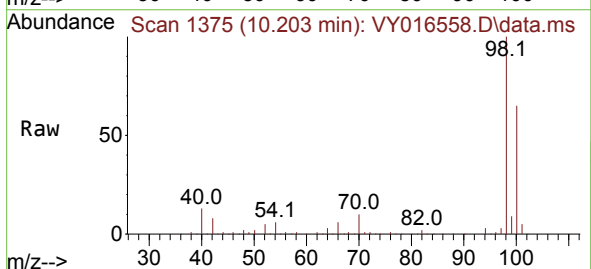
Acq: 01 Dec 2023 13:46

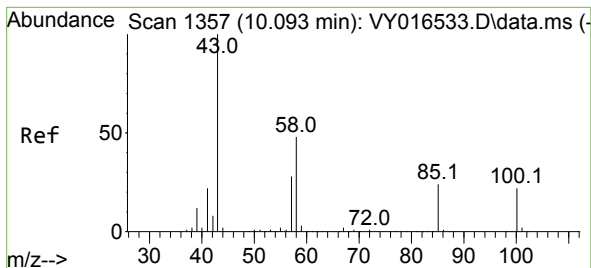
Tgt Ion: 98 Resp: 207880

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

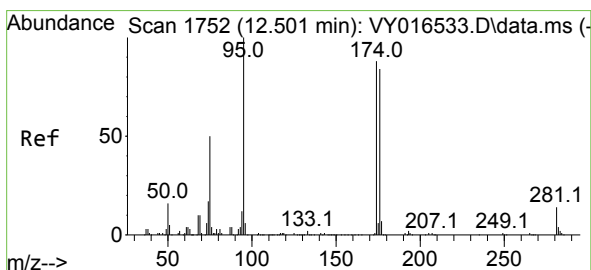
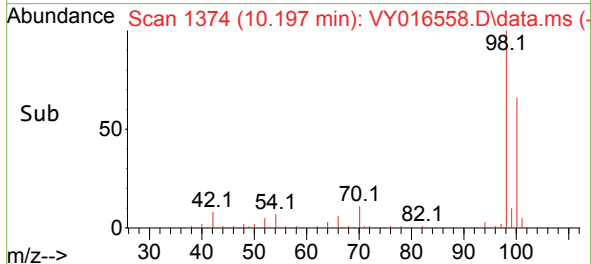
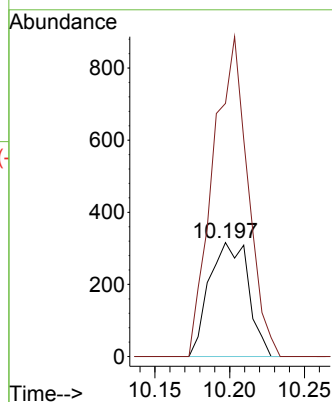
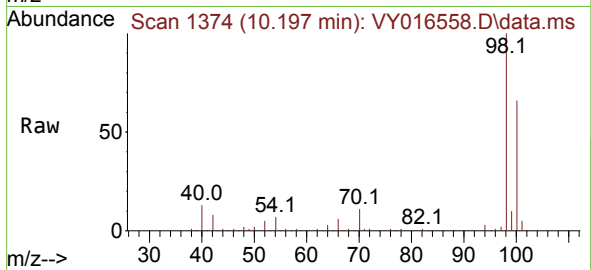




#51
4-Methyl-2-Pentanone
Concen: 1.161 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016558.D
Acq: 01 Dec 2023 13:46

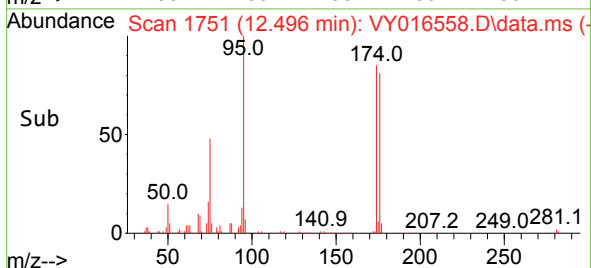
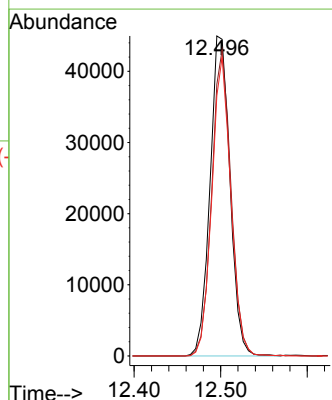
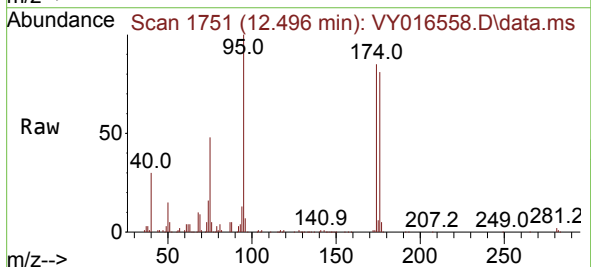
Instrument :
MSVOA_Y
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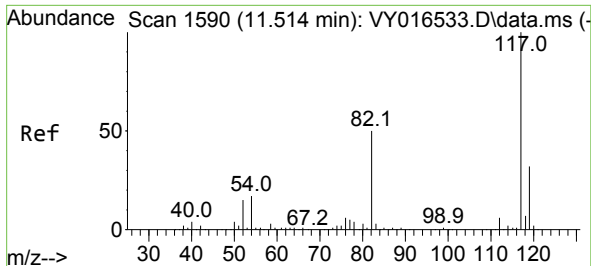
Tgt Ion: 43 Resp: 577
Ion Ratio Lower Upper
43 100
58 249.6 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 56.499 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016558.D
Acq: 01 Dec 2023 13:46

Tgt Ion: 95 Resp: 71947
Ion Ratio Lower Upper
95 100
174 92.5 0.0 178.2
176 88.8 0.0 173.8

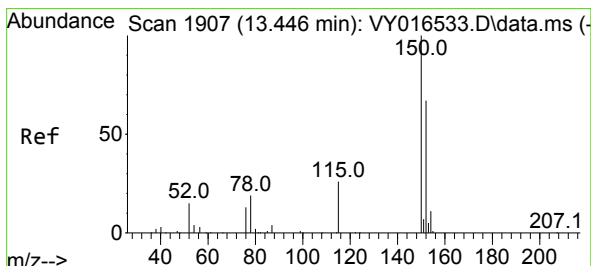
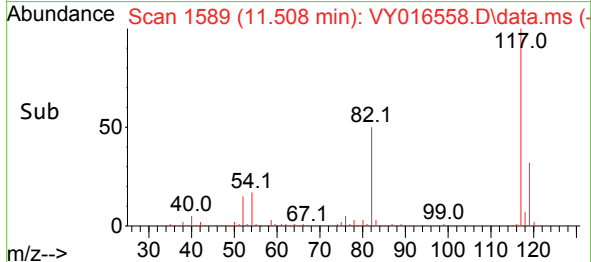
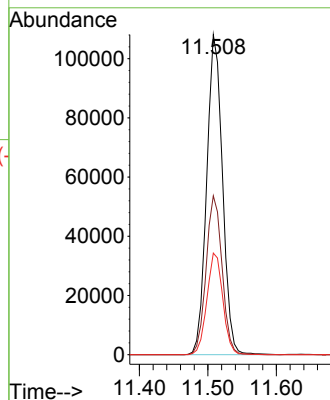
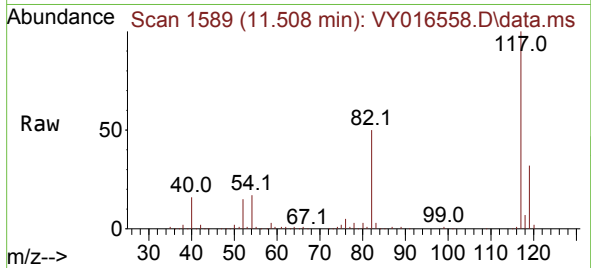




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016558.D
Acq: 01 Dec 2023 13:46

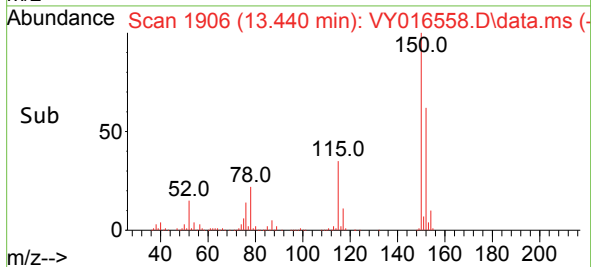
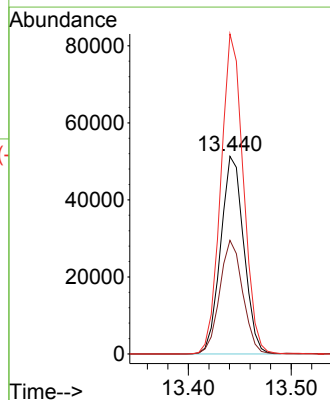
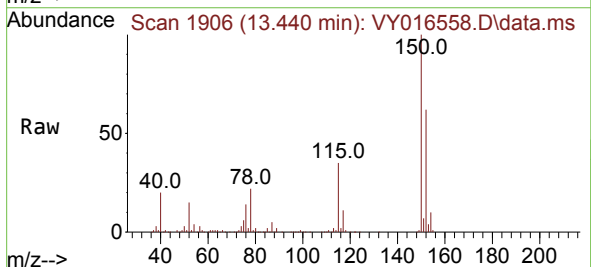
Instrument :
MSVOA_Y
ClientSampleId :

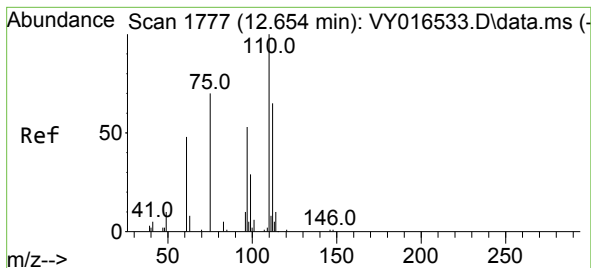
Tgt Ion:117 Resp: 173807
Ion Ratio Lower Upper
117 100
82 49.7 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY016558.D
Acq: 01 Dec 2023 13:46

Tgt Ion:152 Resp: 80168
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.5
150 157.7 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 52.574 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY016558.D

Acq: 01 Dec 2023 13:46

Instrument :

MSVOA_Y

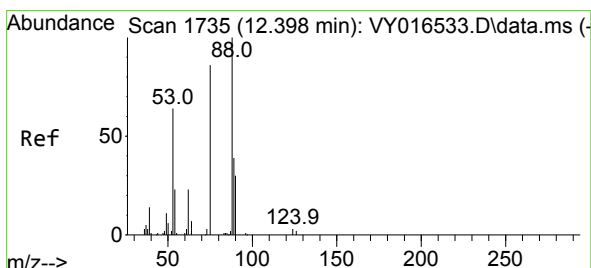
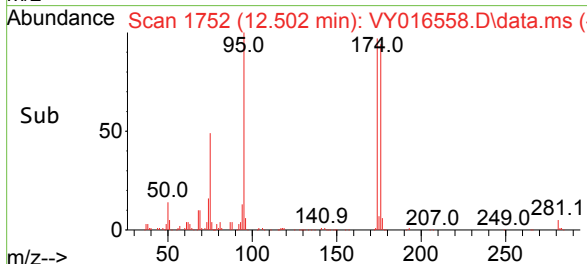
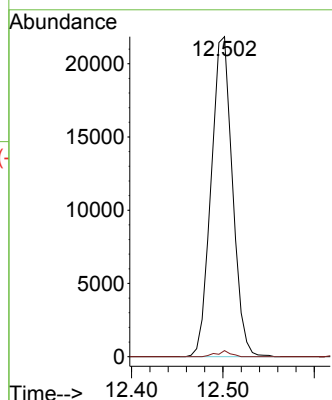
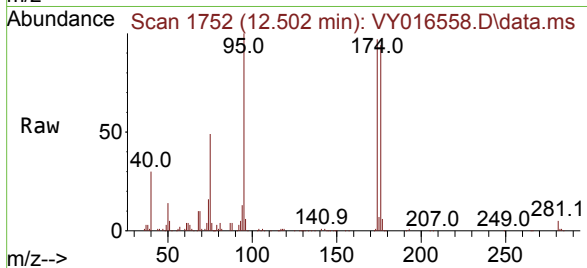
ClientSampleId :

Tgt Ion: 75 Resp: 35388

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 114.661 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.104 min

Lab File: VY016558.D

Acq: 01 Dec 2023 13:46

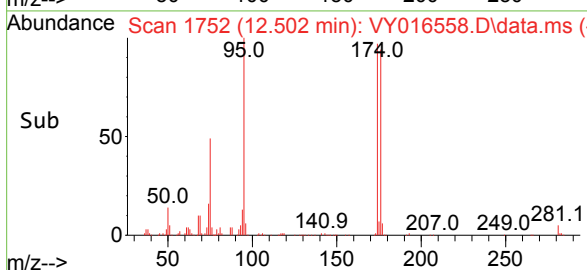
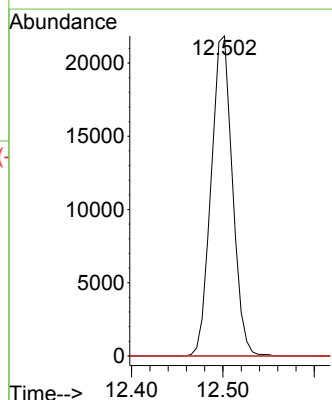
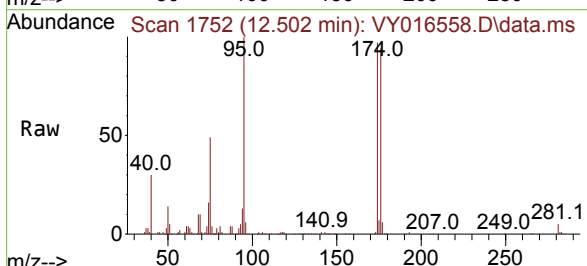
Tgt Ion: 75 Resp: 35388

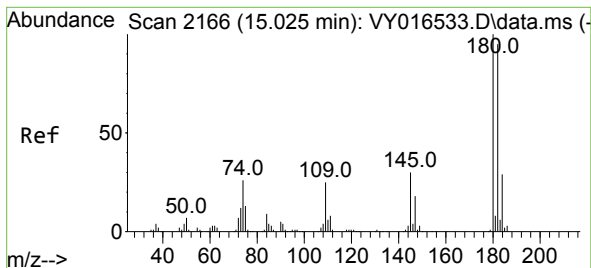
Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#





#93

1,2,4-Trichlorobenzene

Concen: 3.669 ug/l

RT: 15.019 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY016558.D

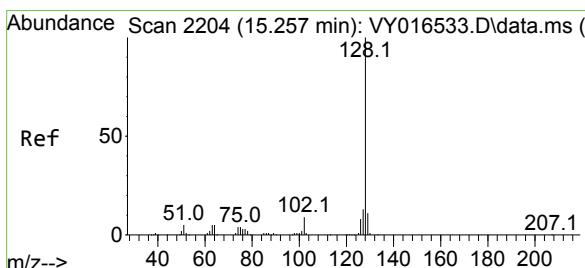
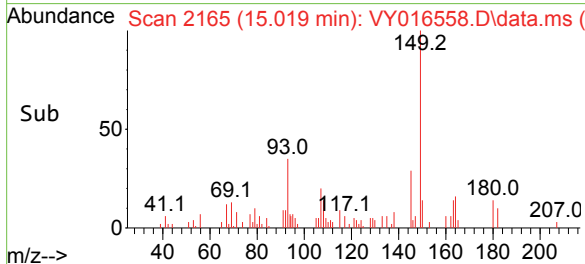
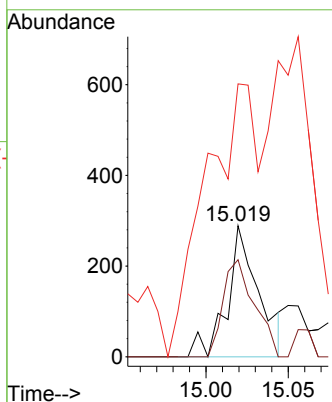
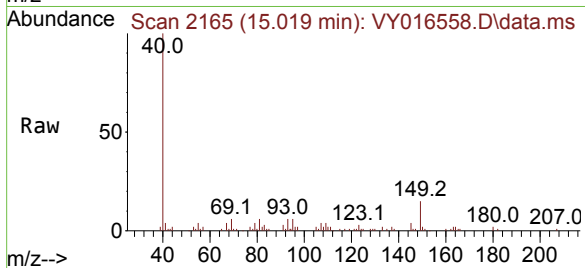
Acq: 01 Dec 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	384
Ion Ratio	Lower	Upper
180	100	
182	74.0	47.0 141.2
145	339.1	14.5 43.5#



#95

Naphthalene

Concen: 6.403 ug/l

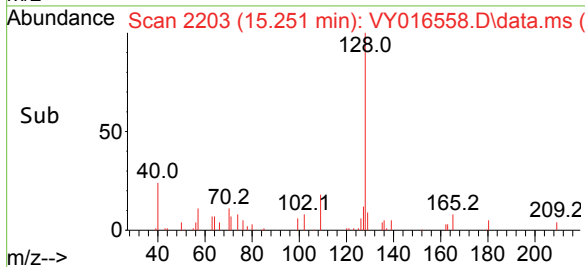
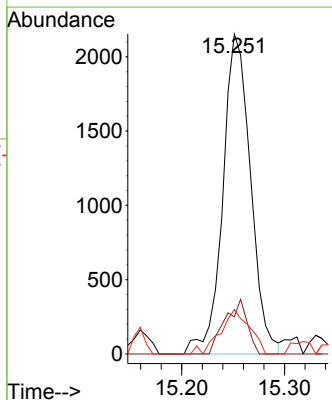
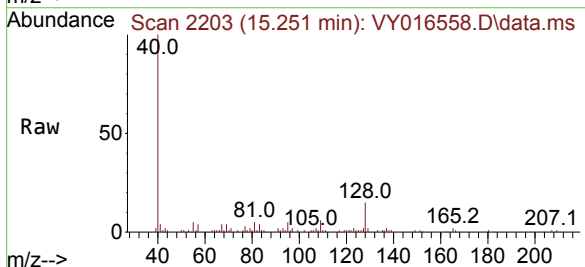
RT: 15.251 min Scan# 2203

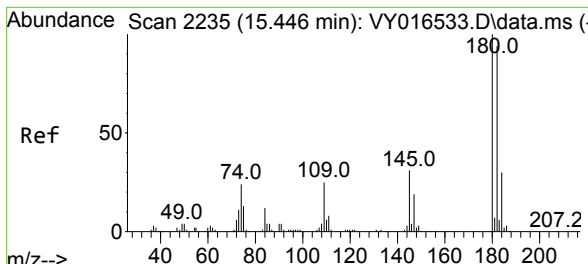
Delta R.T. -0.006 min

Lab File: VY016558.D

Acq: 01 Dec 2023 13:46

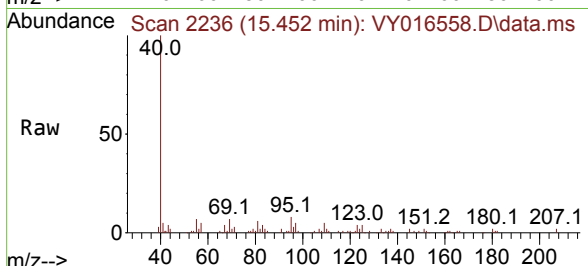
Tgt Ion:128	Resp:	4046
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.8 16.2
129	14.7	8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.417 ug/l
 RT: 15.452 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY016558.D
 Acq: 01 Dec 2023 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 390
 Ion Ratio Lower Upper
 180 100
 182 70.0 47.3 141.8
 145 371.0 15.4 46.2#

