

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016557.D
 Acq On : 01 Dec 2023 13:23
 Operator : SY/MD
 Sample : 05598-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 23:37:18 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)

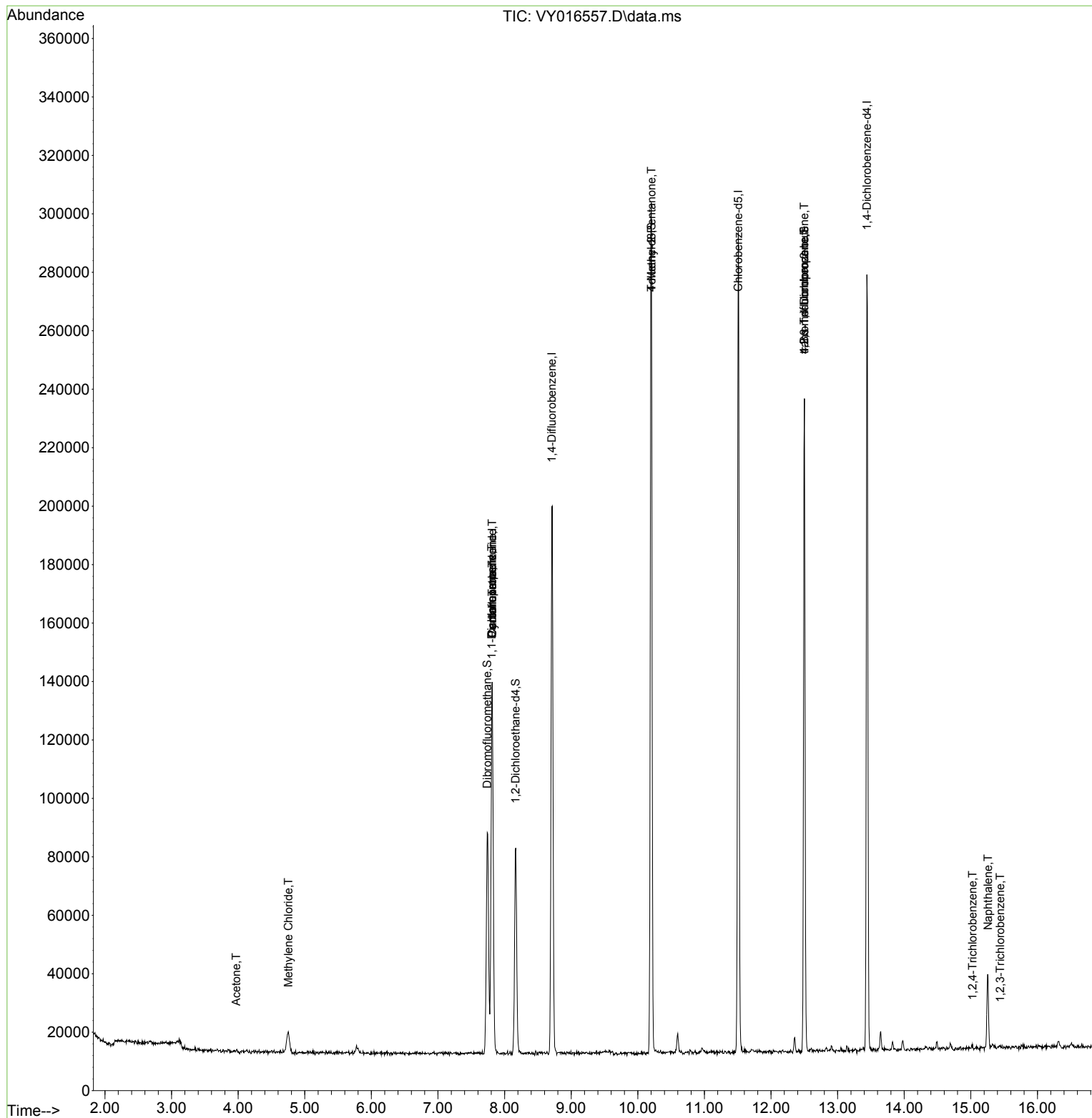
Internal Standards						
1) Pentafluorobenzene	7.813	168	105684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	179201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	167679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	76056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	56817	68.048	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 136.100%		
35) Dibromofluoromethane	7.740	113	55918	53.167	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 106.340%		
50) Toluene-d8	10.203	98	206465	50.614	ug/l	0.00
Spiked Amount 50.000	Range	58 - 134	Recovery	= 101.220%		
62) 4-Bromofluorobenzene	12.501	95	70053	54.743	ug/l	0.00
Spiked Amount 50.000	Range	30 - 143	Recovery	= 109.480%		
Target Compounds						Qvalue
16) Acetone	3.972	43	508	8.135	ug/l #	46
20) Methylene Chloride	4.753	84	6365	4.048	ug/l #	77
31) Cyclohexane	7.813	56	1541	1.051	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	6700	4.314	ug/l #	51
38) Carbon Tetrachloride	7.813	117	9963	5.465	ug/l #	16
51) 4-Methyl-2-Pentanone	10.203	43	606	1.214	ug/l #	1
76) 1,2,3-Trichloropropane	12.501	75	34335	53.767	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	34335	117.264	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.025	180	289	3.616	ug/l #	88
95) Naphthalene	15.257	128	23154	13.826	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	227	4.295	ug/l #	70

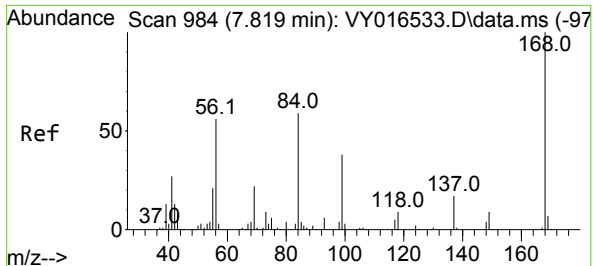
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
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Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

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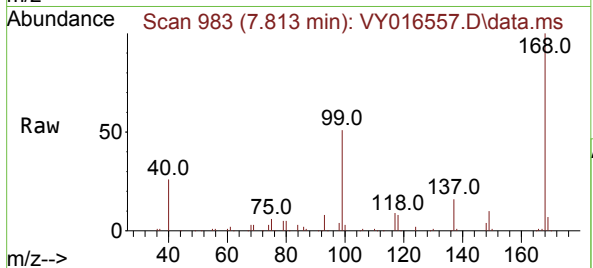
Quant Time: Dec 01 23:37:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 2023
Response via : Initial Calibration



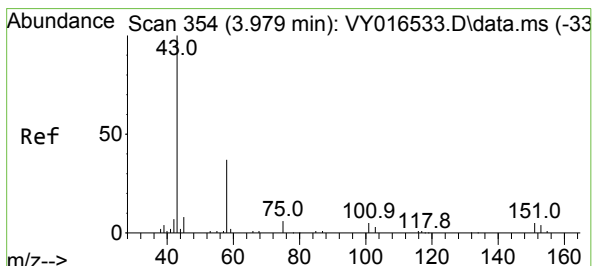
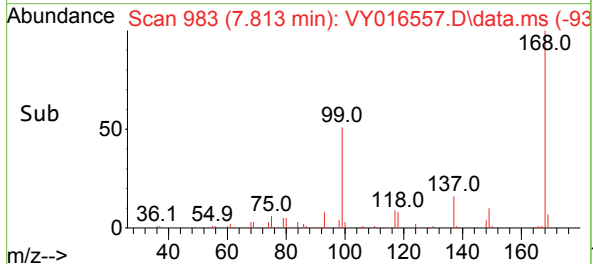
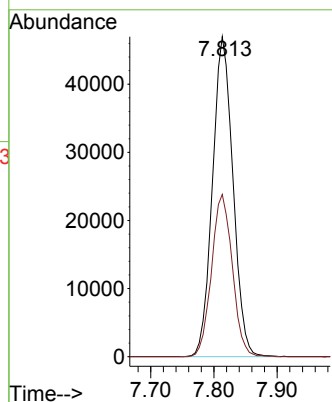


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23

Instrument :
MSVOA_Y
ClientSampleId :

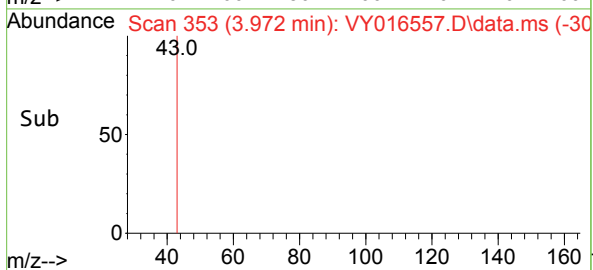
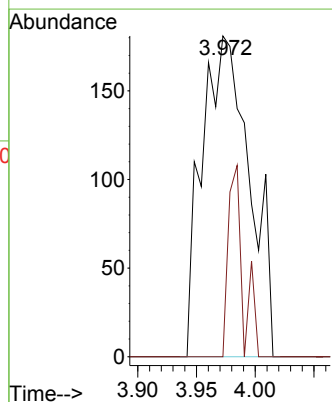
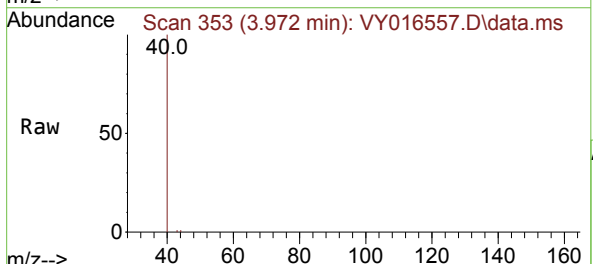


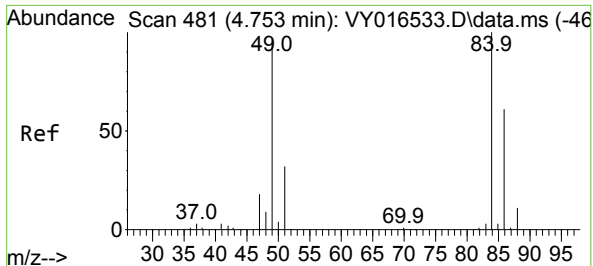
Tgt Ion:168 Resp: 105684
Ion Ratio Lower Upper
168 100
99 50.7 43.4 65.0



#16
Acetone
Concen: 8.135 ug/l
RT: 3.972 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23

Tgt Ion: 43 Resp: 508
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#





#20

Methylene Chloride

Concen: 4.048 ug/l

RT: 4.753 min Scan# 481

Delta R.T. -0.000 min

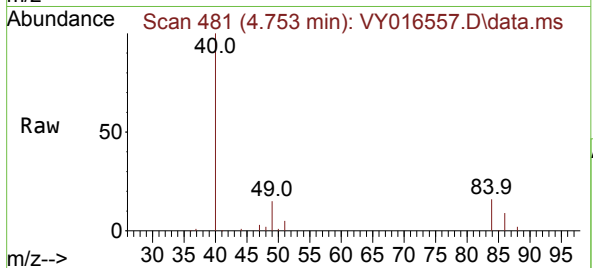
Lab File: VY016557.D

Acq: 01 Dec 2023 13:23

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 6365

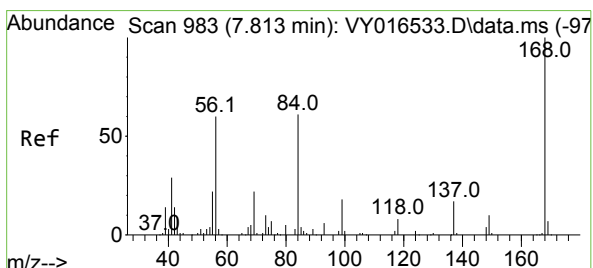
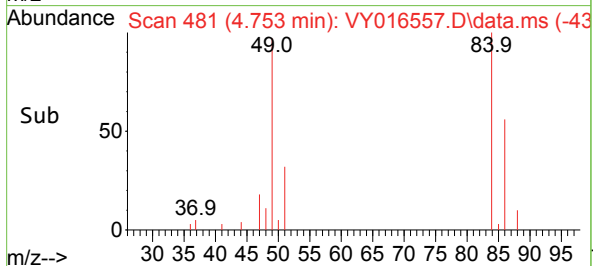
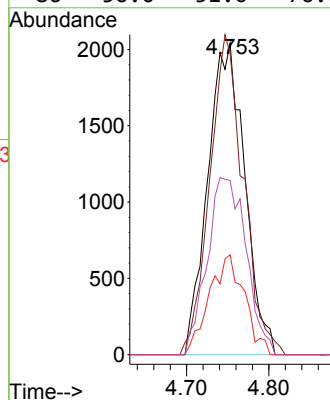
Ion Ratio Lower Upper

84 100

49 96.6 106.9 160.3#

51 32.1 33.2 49.8#

86 56.0 51.0 76.6



#31

Cyclohexane

Concen: 1.051 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.000 min

Lab File: VY016557.D

Acq: 01 Dec 2023 13:23

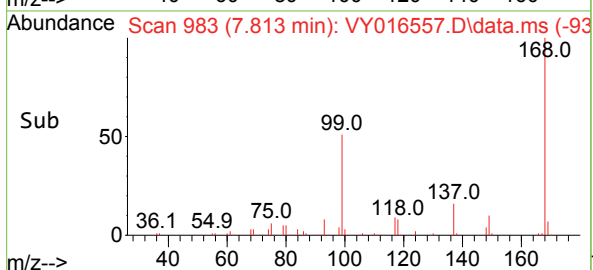
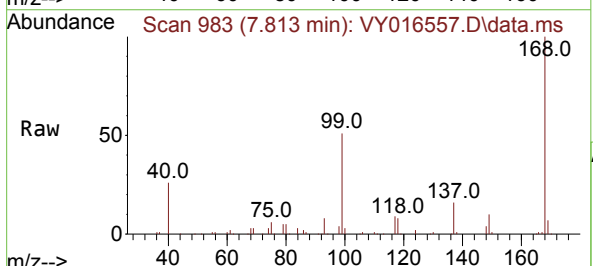
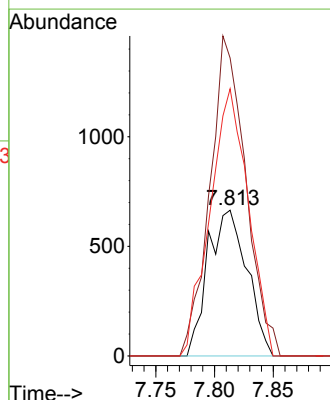
Tgt Ion: 56 Resp: 1541

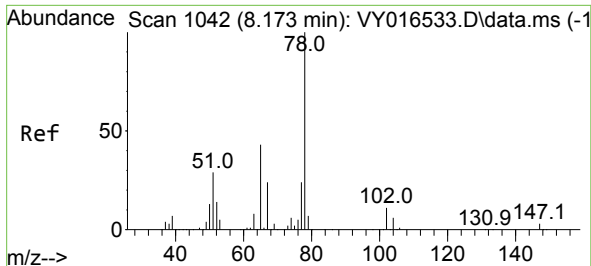
Ion Ratio Lower Upper

56 100

69 204.4 27.8 41.6#

84 183.3 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 68.048 ug/l

RT: 8.167 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016557.D

Acq: 01 Dec 2023 13:23

Instrument :

MSVOA_Y

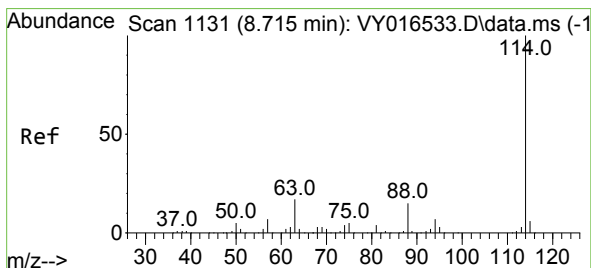
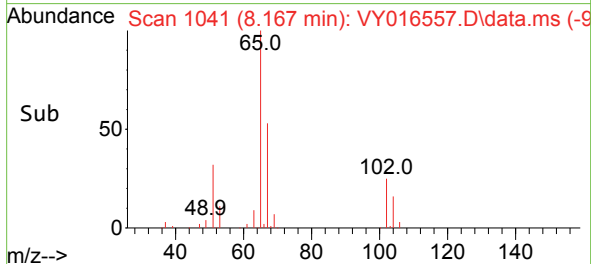
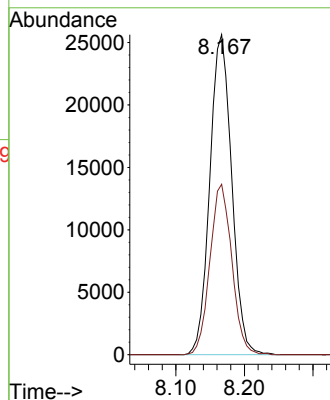
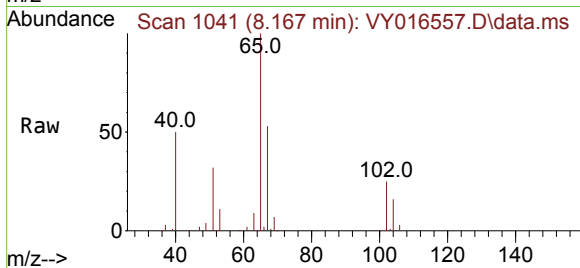
ClientSampleId :

Tgt Ion: 65 Resp: 56817

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY016557.D

Acq: 01 Dec 2023 13:23

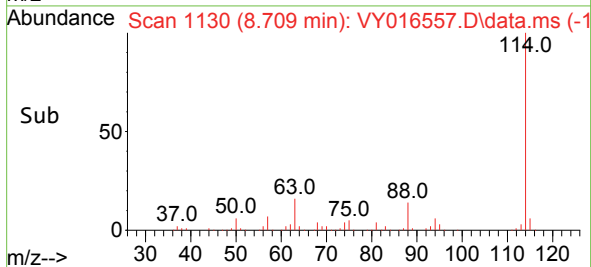
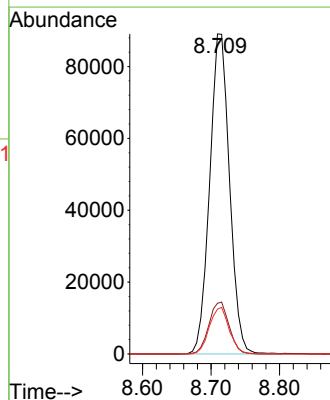
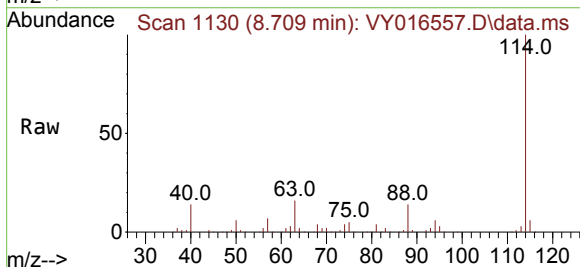
Tgt Ion: 114 Resp: 179201

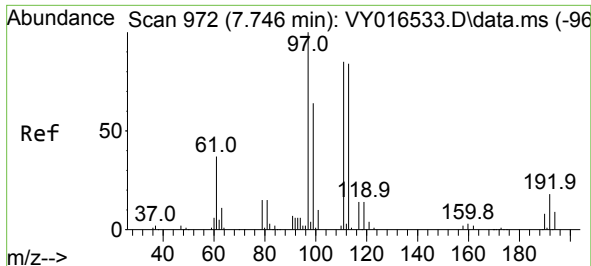
Ion Ratio Lower Upper

114 100

63 15.9 0.0 42.4

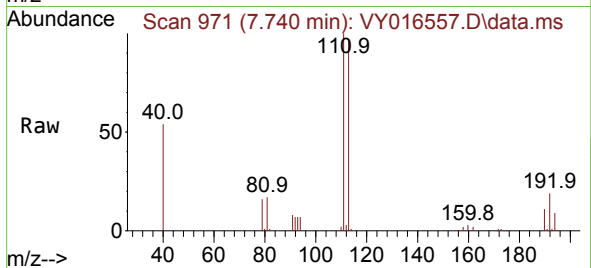
88 14.0 0.0 30.6



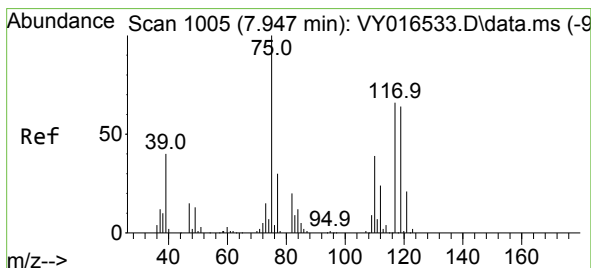
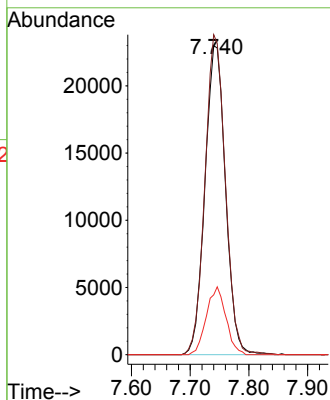
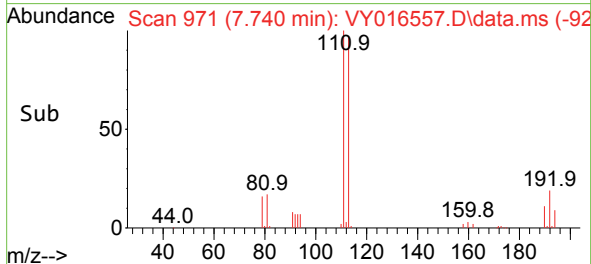


#35
Dibromofluoromethane
Concen: 53.167 ug/l
RT: 7.740 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23

Instrument :
MSVOA_Y
ClientSampleId :

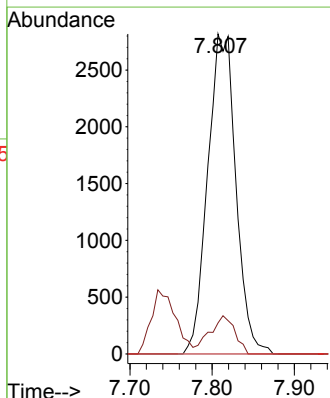
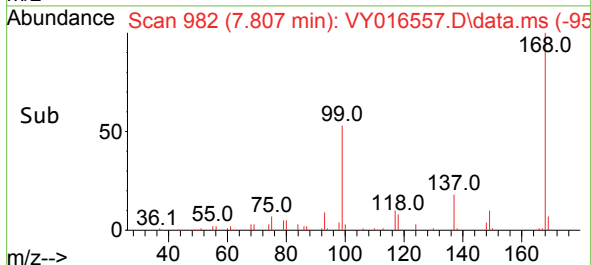
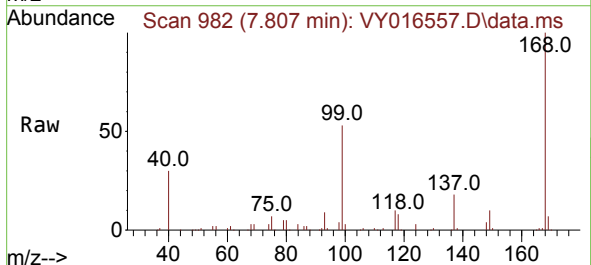


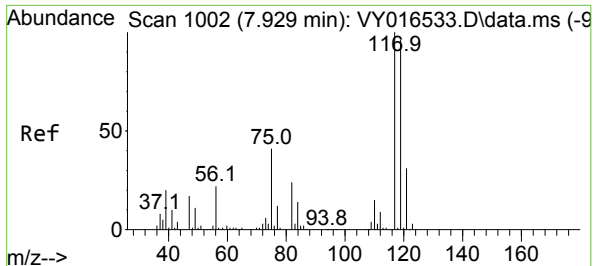
Tgt Ion:113 Resp: 55918
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 20.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.314 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.140 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23

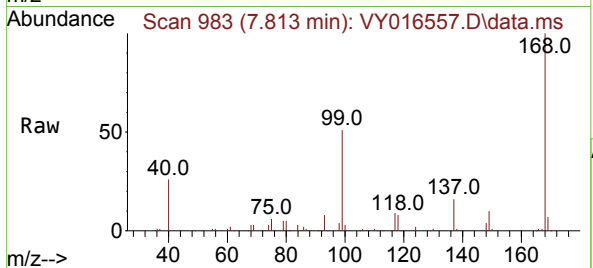
Tgt Ion: 75 Resp: 6700
Ion Ratio Lower Upper
75 100
110 10.7 17.8 53.5#
77 0.0 24.4 36.6#



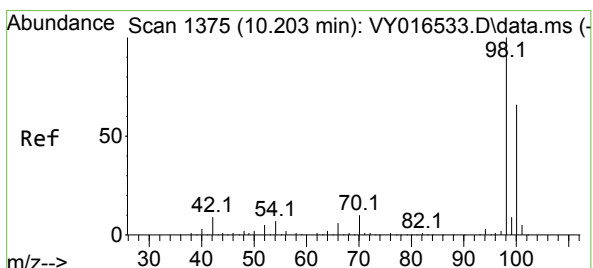
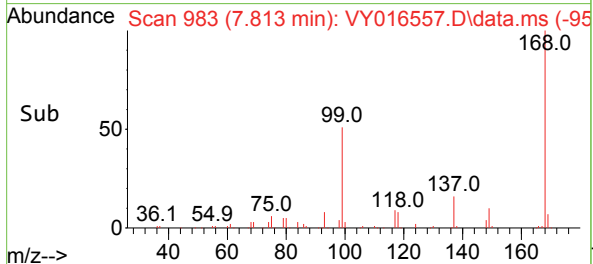
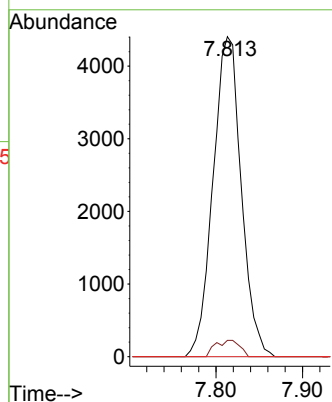


#38
Carbon Tetrachloride
Concen: 5.465 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23

Instrument :
MSVOA_Y
ClientSampleId :

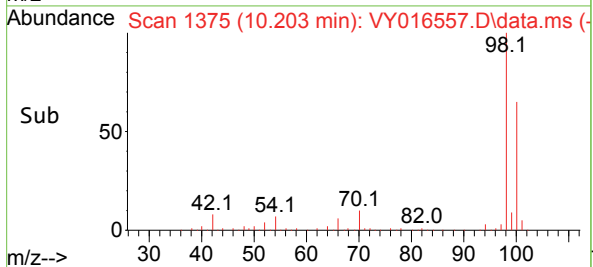
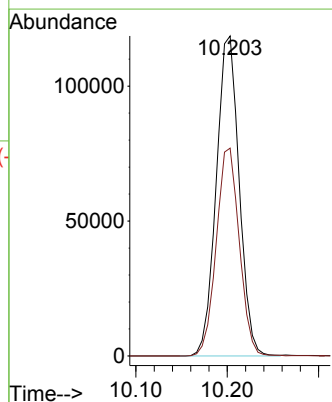
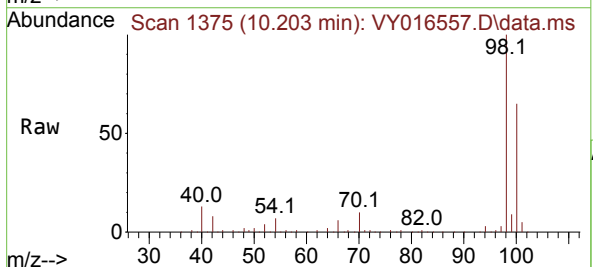


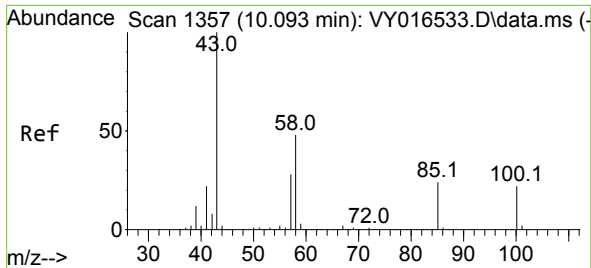
Tgt Ion:117 Resp: 9963
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.614 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23

Tgt Ion: 98 Resp: 206465
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

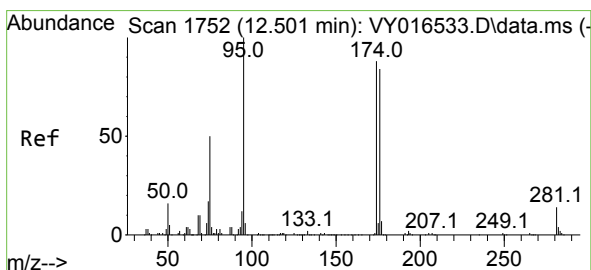
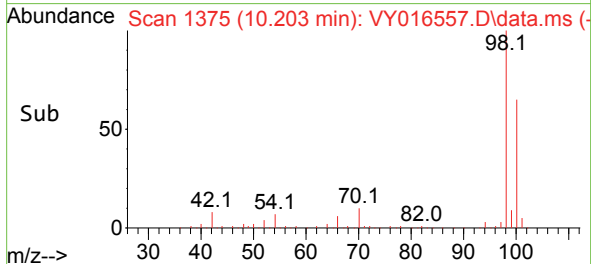
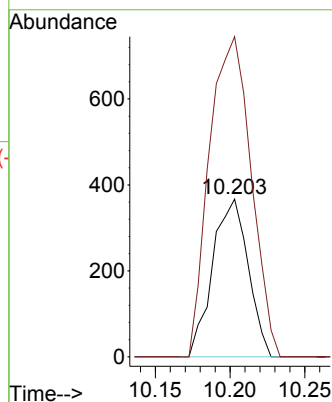
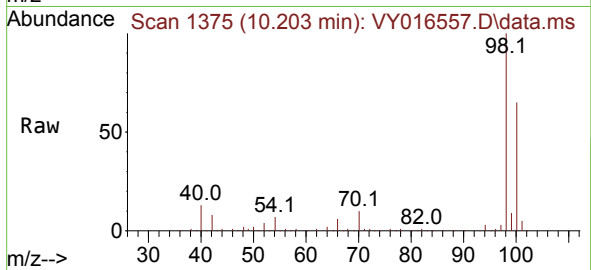




#51
4-Methyl-2-Pentanone
Concen: 1.214 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23

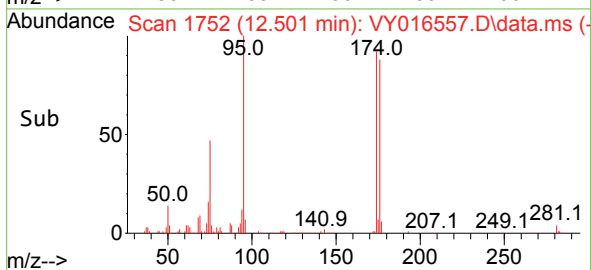
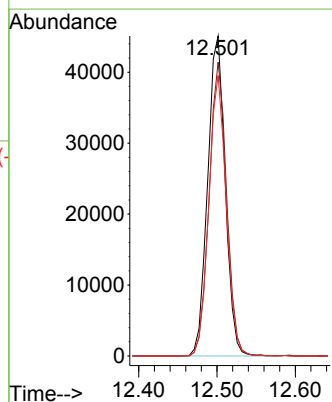
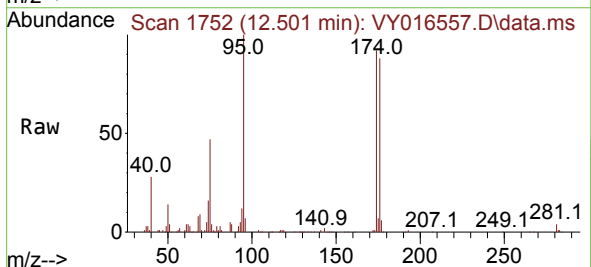
Instrument :
MSVOA_Y
ClientSampleId :

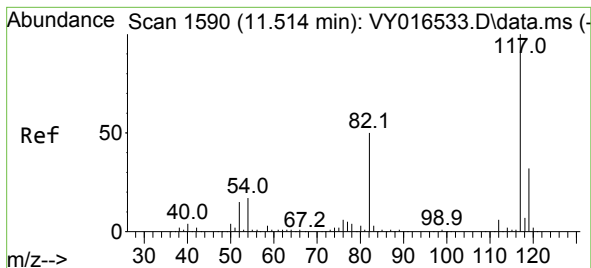
Tgt Ion: 43 Resp: 606
Ion Ratio Lower Upper
43 100
58 238.6 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 54.743 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23

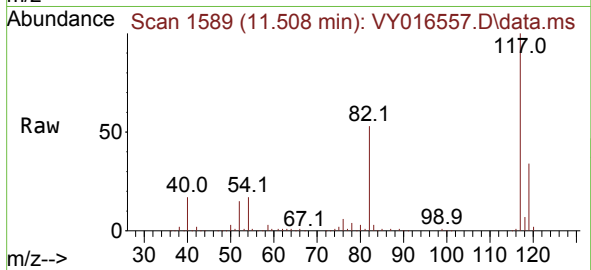
Tgt Ion: 95 Resp: 70053
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.2
176 87.0 0.0 173.8



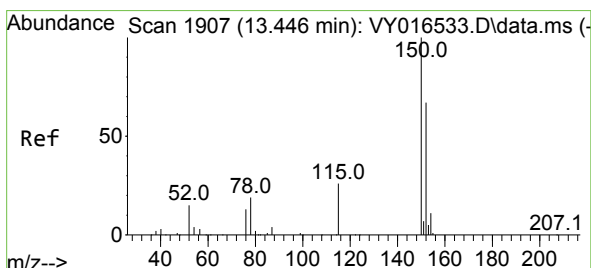
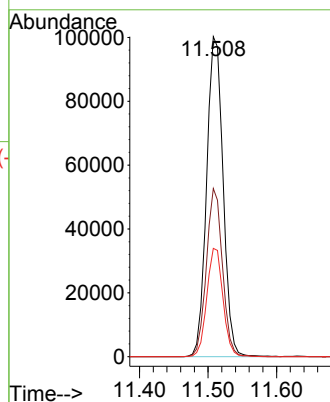
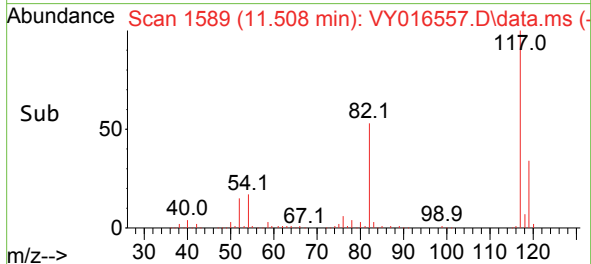


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23

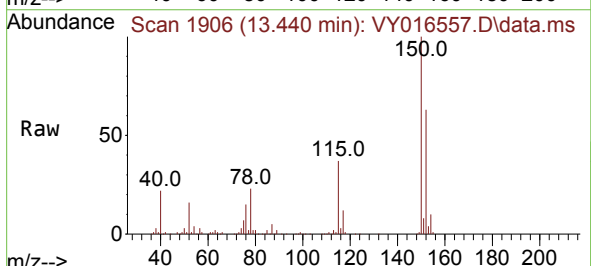
Instrument :
MSVOA_Y
ClientSampleId :



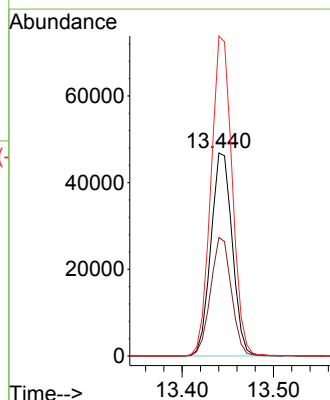
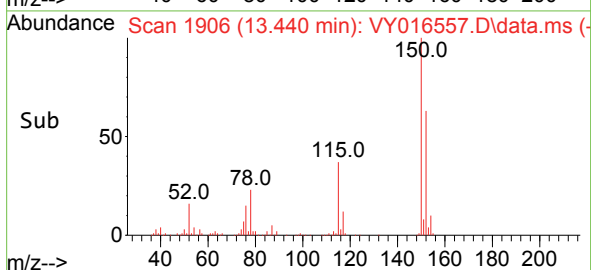
Tgt Ion:117 Resp: 167679
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 33.8 26.3 39.5

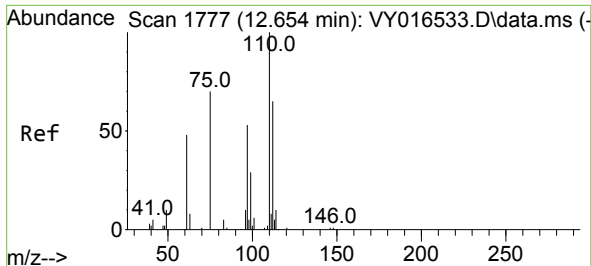


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23



Tgt Ion:152 Resp: 76056
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 156.4 0.0 348.8

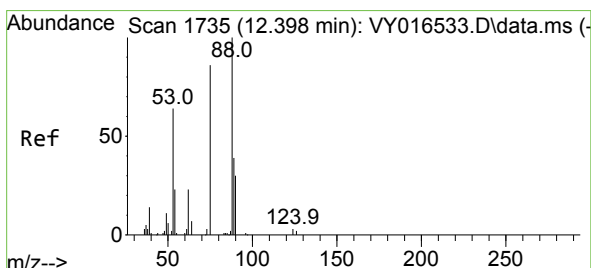
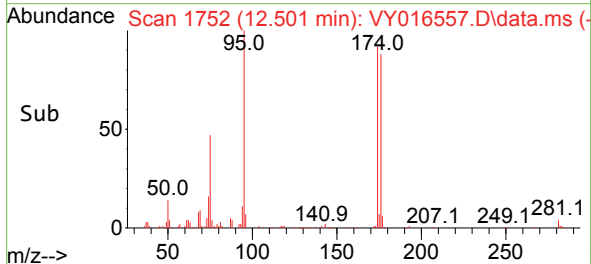
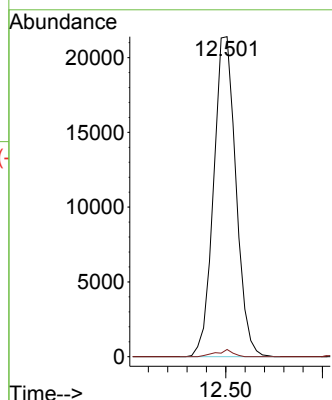
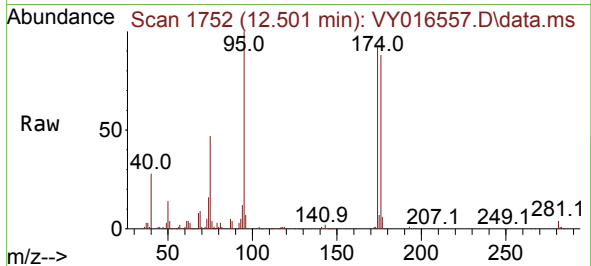




#76
1,2,3-Trichloropropane
Concen: 53.767 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23

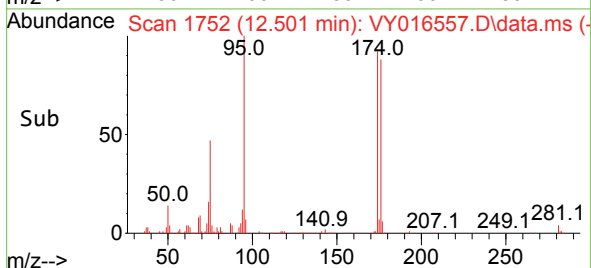
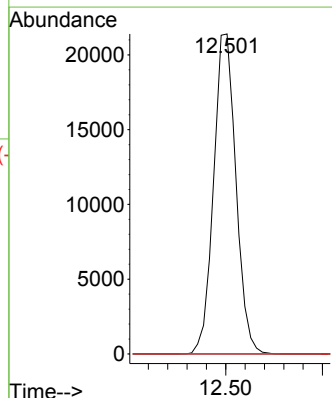
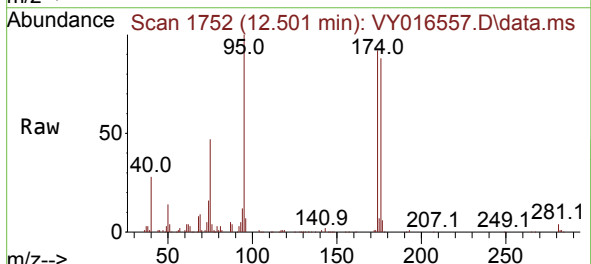
Instrument :
MSVOA_Y
ClientSampleId :

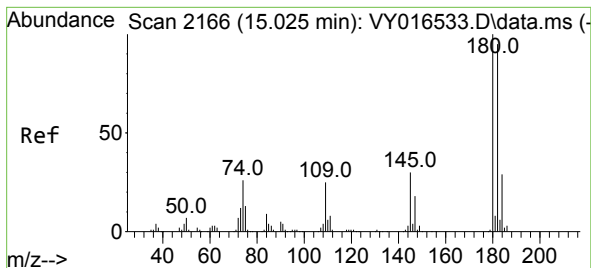
Tgt Ion: 75 Resp: 34335
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.264 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.104 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23

Tgt Ion: 75 Resp: 34335
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: 3.616 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.000 min

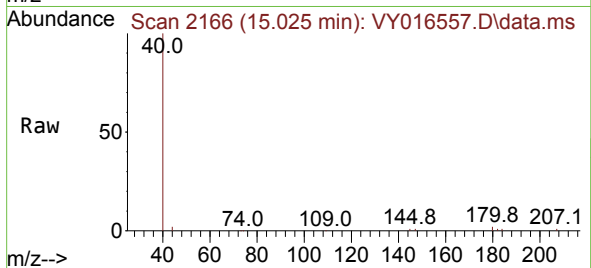
Lab File: VY016557.D

Acq: 01 Dec 2023 13:23

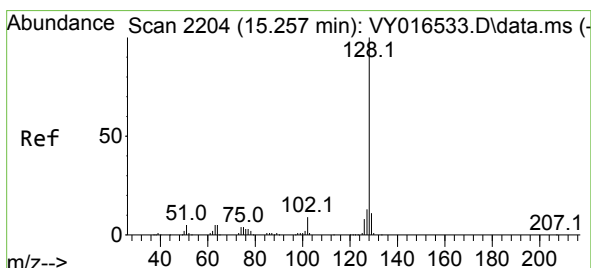
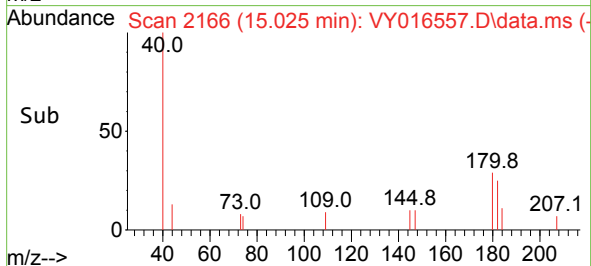
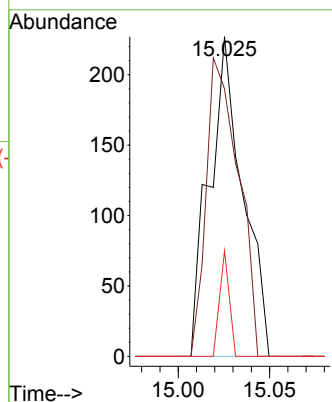
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:180	Resp:	289
Ion Ratio	Lower	Upper
180	100	
182	90.0	47.0 141.2
145	9.3	14.5 43.5#



#95

Naphthalene

Concen: 13.826 ug/l

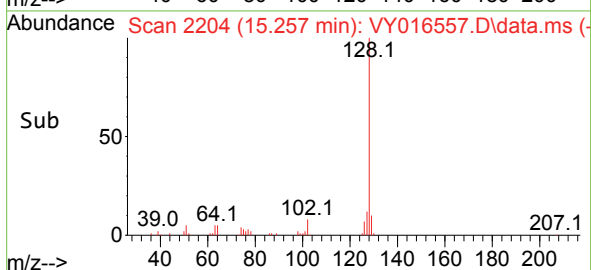
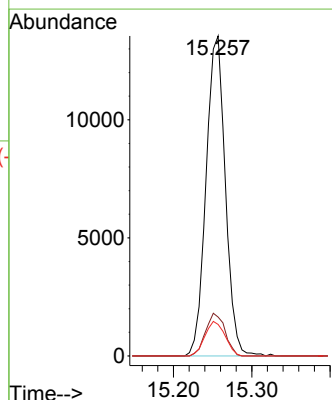
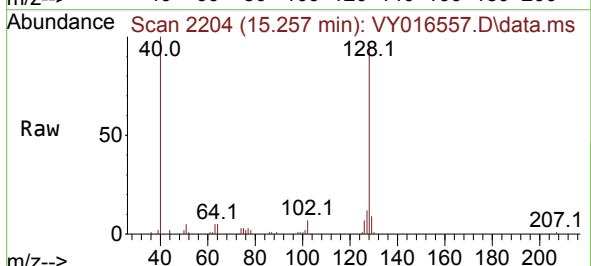
RT: 15.257 min Scan# 2204

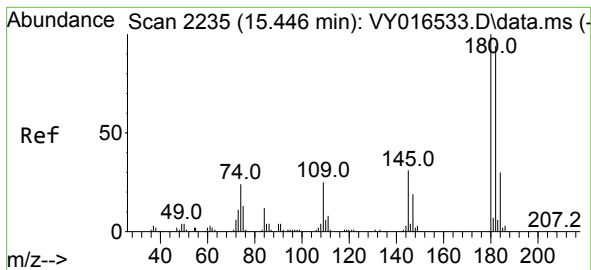
Delta R.T. -0.000 min

Lab File: VY016557.D

Acq: 01 Dec 2023 13:23

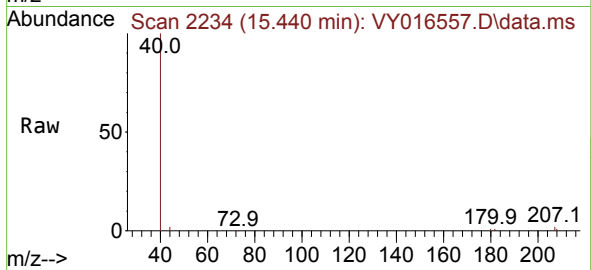
Tgt Ion:128	Resp:	23154
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.8 16.2
129	11.3	8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 4.295 ug/l
 RT: 15.440 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY016557.D
 Acq: 01 Dec 2023 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 227
 Ion Ratio Lower Upper
 180 100
 182 115.4 47.3 141.8
 145 0.0 15.4 46.2#

