

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016556.D
 Acq On : 01 Dec 2023 12:07
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 23:36:52 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)

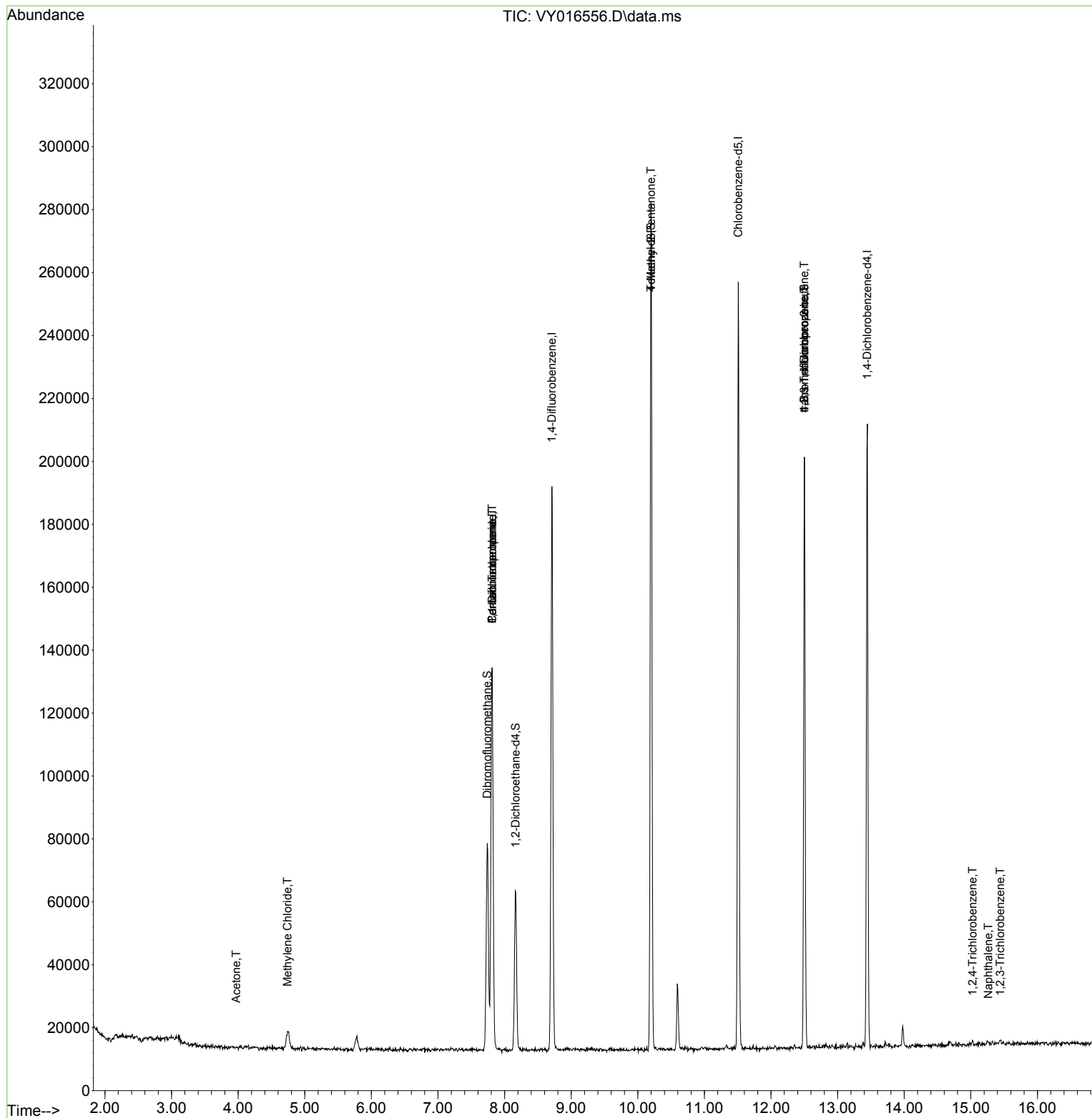
Internal Standards						
1) Pentafluorobenzene	7.813	168	103031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	167715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	146093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	55886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	42401	52.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.180%	
35) Dibromofluoromethane	7.740	113	48390	49.160	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.320%	
50) Toluene-d8	10.197	98	190517	49.903	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	12.501	95	54418	45.437	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.880%	
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	206	6.473	ug/l #	46
20) Methylene Chloride	4.741	84	5226	2.961	ug/l #	73
36) 1,1-Dichloropropene	7.813	75	6551	4.507	ug/l #	52
38) Carbon Tetrachloride	7.813	117	9605	5.630	ug/l #	16
51) 4-Methyl-2-Pentanone	10.197	43	510	1.091	ug/l #	1
76) 1,2,3-Trichloropropane	12.501	75	26733	56.972	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	26733	124.253	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.025	180	631	4.019	ug/l	98
95) Naphthalene	15.263	128	1154	5.532	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.440	180	588	4.785	ug/l	94

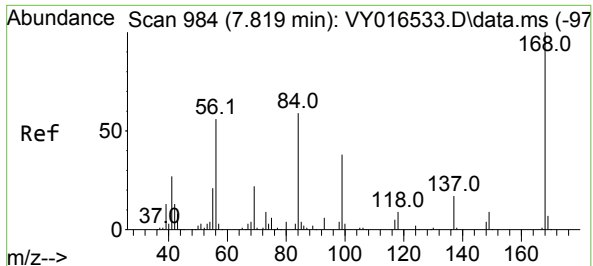
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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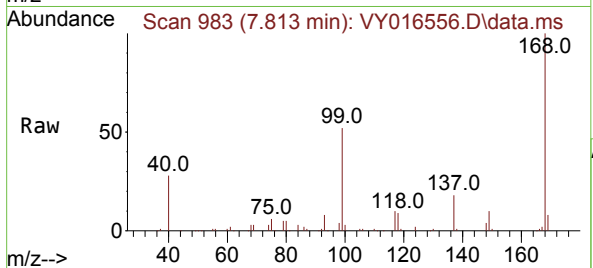
Quant Time: Dec 01 23:36:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 2023
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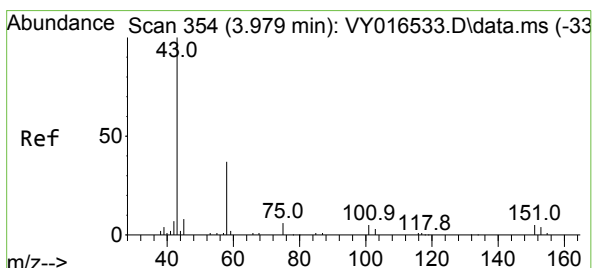
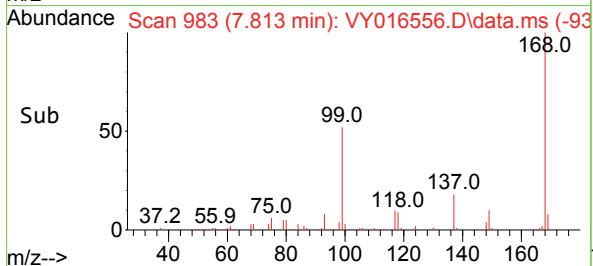
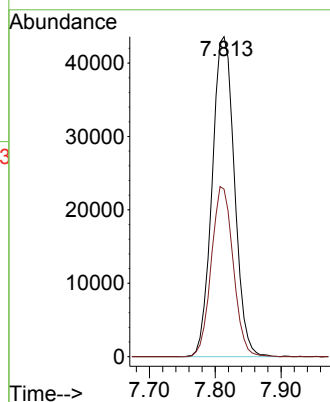


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

Instrument :
MSVOA_Y
ClientSampleId :

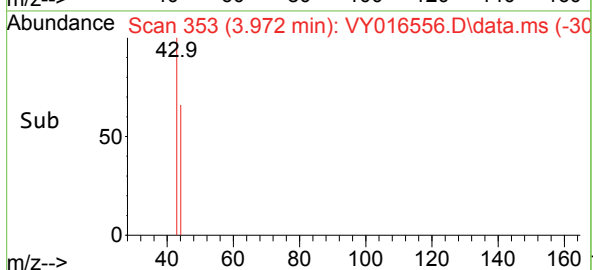
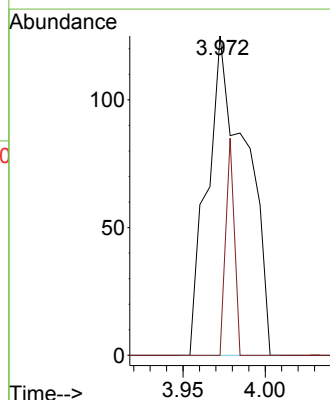
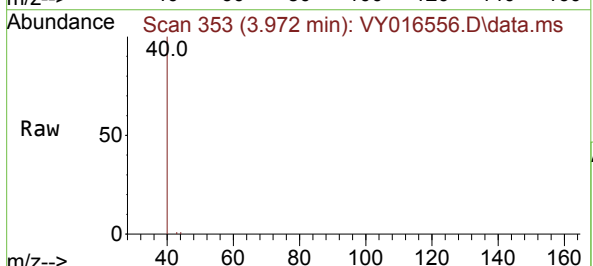


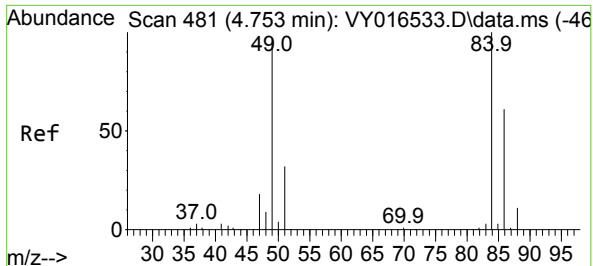
Tgt Ion:168 Resp: 103031
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#16
Acetone
Concen: 6.473 ug/l
RT: 3.972 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

Tgt Ion: 43 Resp: 206
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#





#20

Methylene Chloride

Concen: 2.961 ug/l

RT: 4.741 min Scan# 41

Delta R.T. -0.012 min

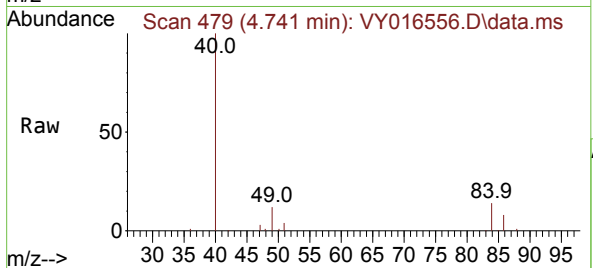
Lab File: VY016556.D

Acq: 01 Dec 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 5226

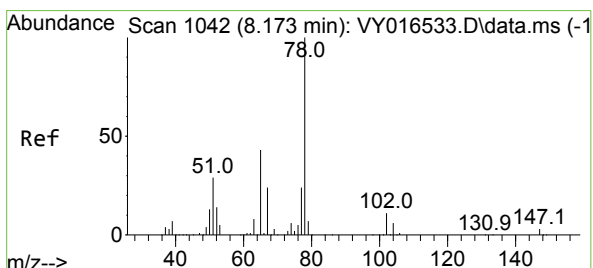
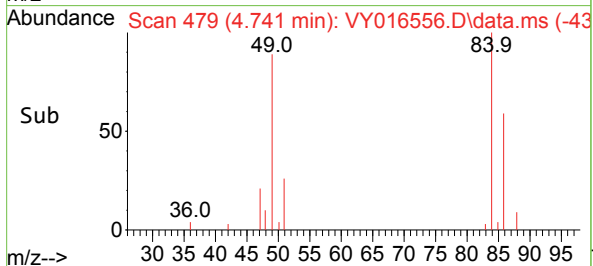
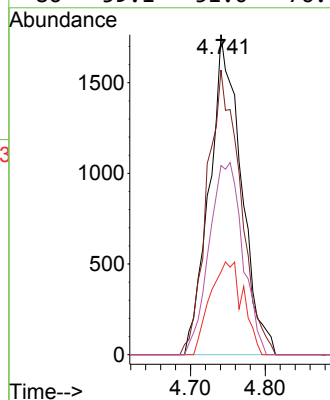
Ion Ratio Lower Upper

84 100

49 89.0 106.9 160.3#

51 25.8 33.2 49.8#

86 59.1 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 52.090 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016556.D

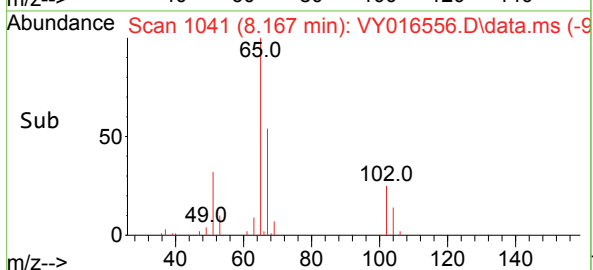
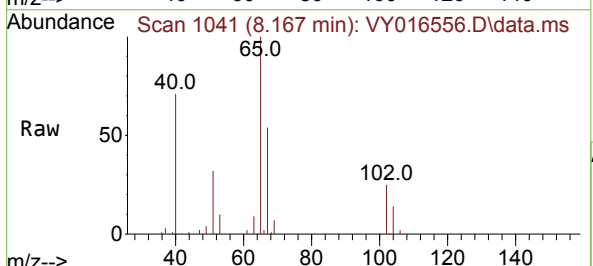
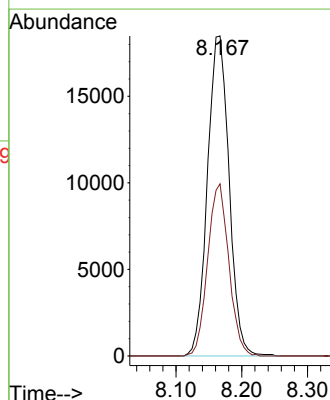
Acq: 01 Dec 2023 12:07

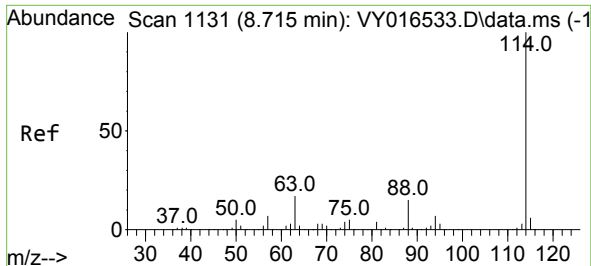
Tgt Ion: 65 Resp: 42401

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8

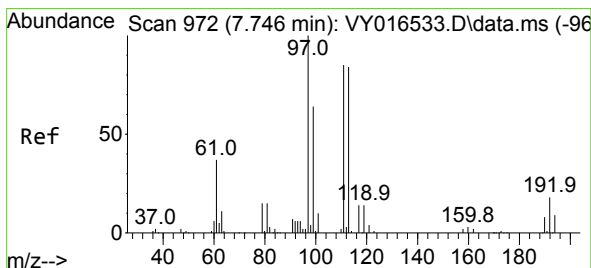
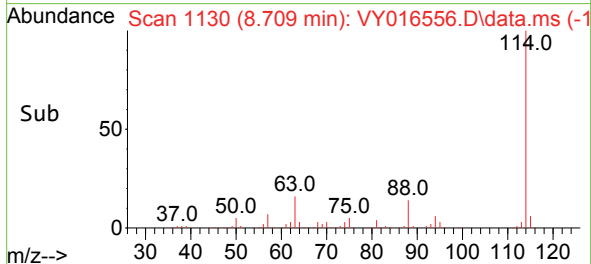
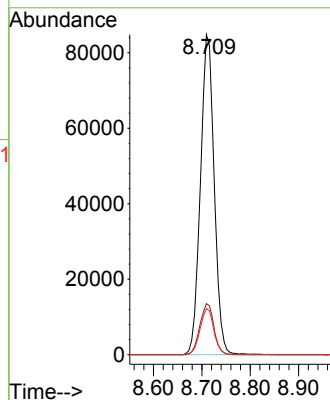
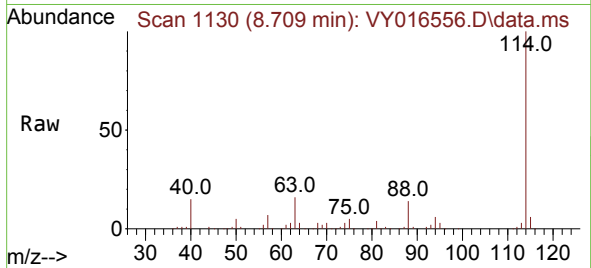




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

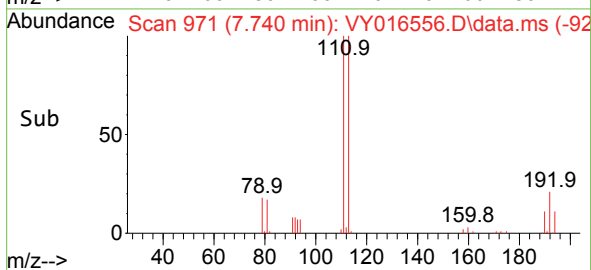
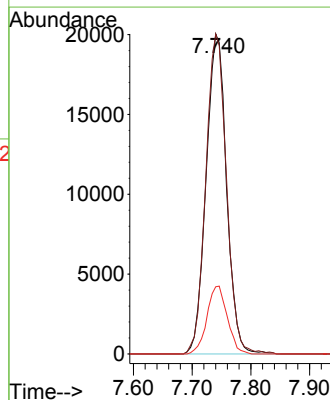
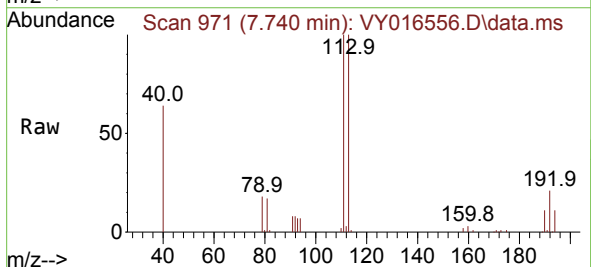
Instrument :
MSVOA_Y
ClientSampleId :

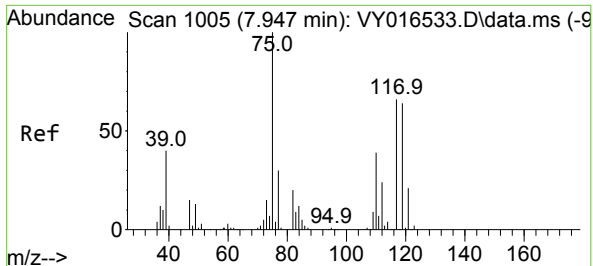
Tgt Ion:114 Resp: 167715
Ion Ratio Lower Upper
114 100
63 16.0 0.0 42.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.160 ug/l
RT: 7.740 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

Tgt Ion:113 Resp: 48390
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 21.1 16.9 25.3

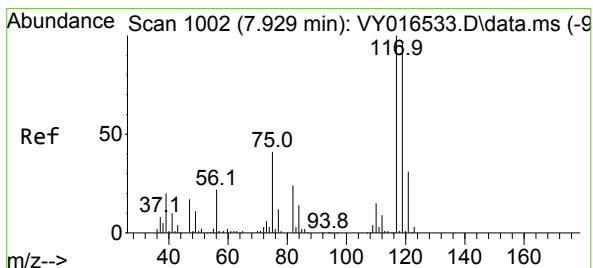
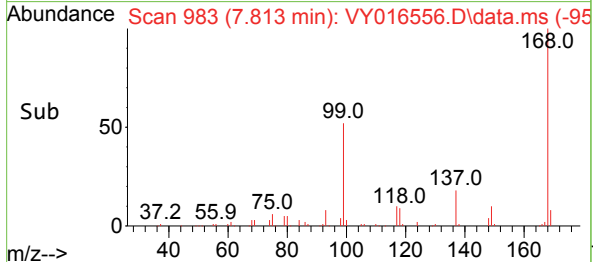
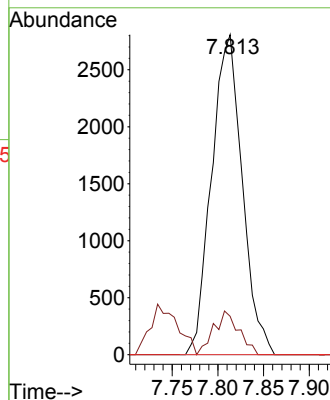
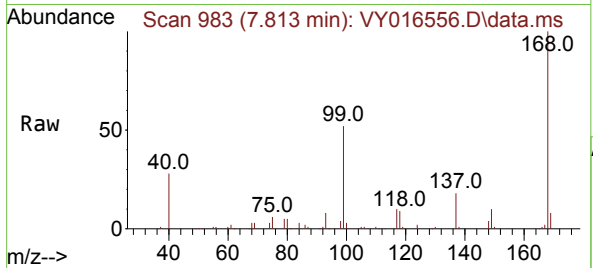




#36
1,1-Dichloropropene
Concen: 4.507 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.134 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

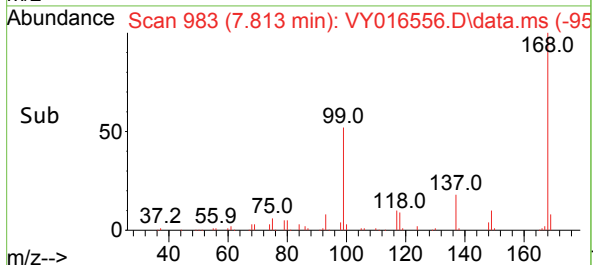
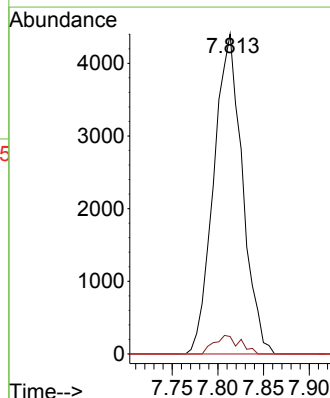
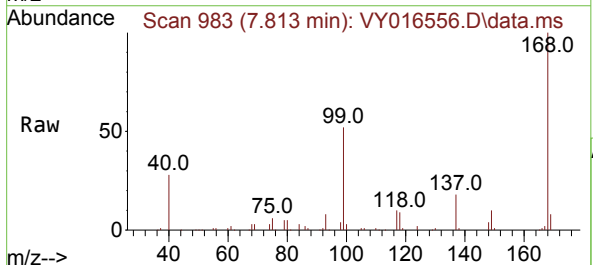
Instrument :
MSVOA_Y
ClientSampleId :

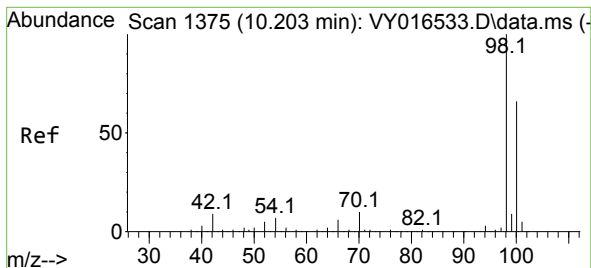
Tgt Ion: 75 Resp: 6551
Ion Ratio Lower Upper
75 100
110 11.1 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.630 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

Tgt Ion: 117 Resp: 9605
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#

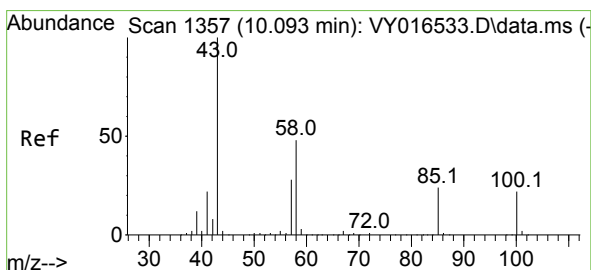
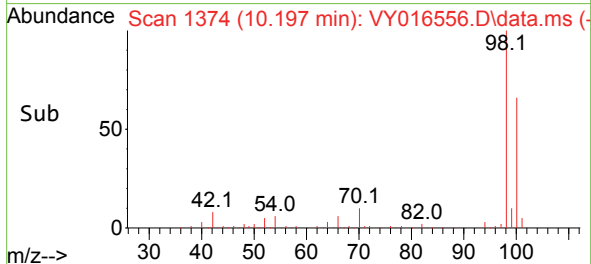
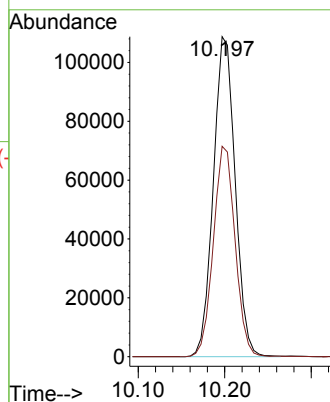
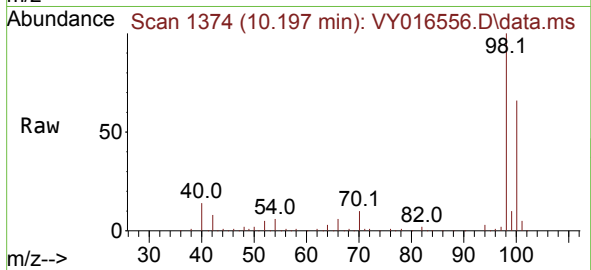




#50
Toluene-d8
Concen: 49.903 ug/l
RT: 10.197 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

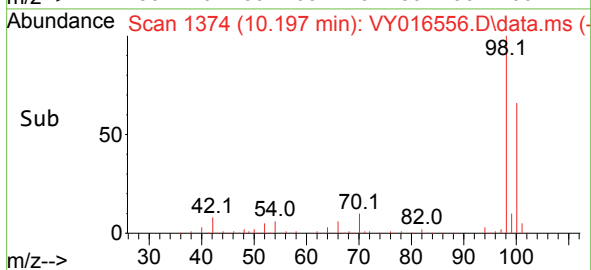
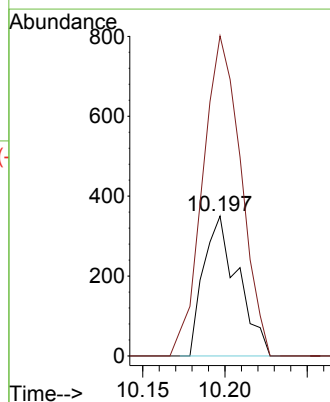
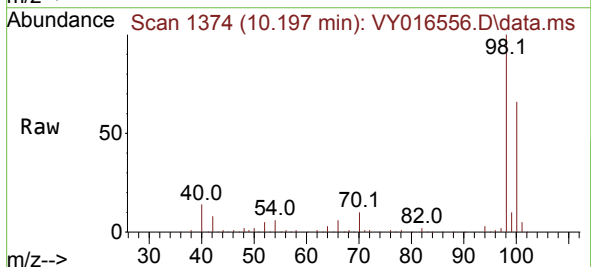
Instrument :
MSVOA_Y
ClientSampleId :

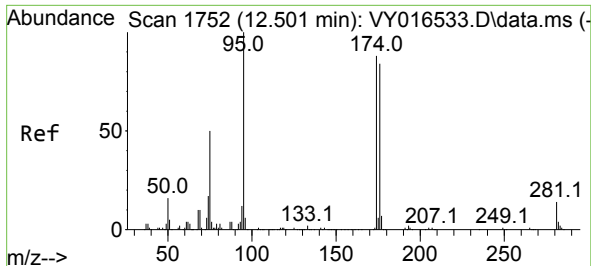
Tgt Ion: 98 Resp: 190517
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.091 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.104 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
58 253.5 29.0 43.6#

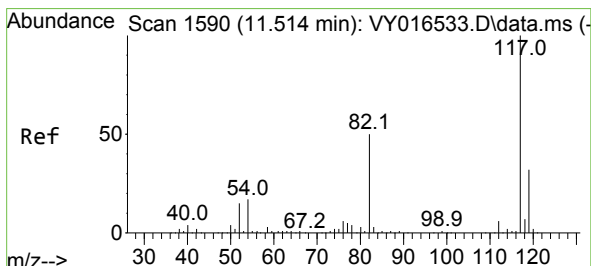
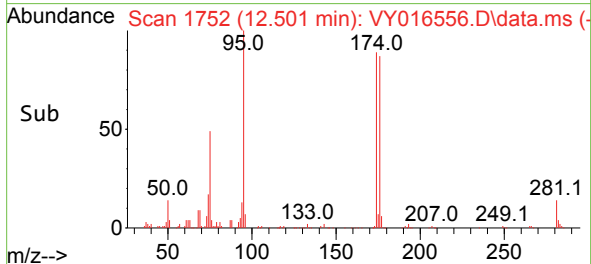
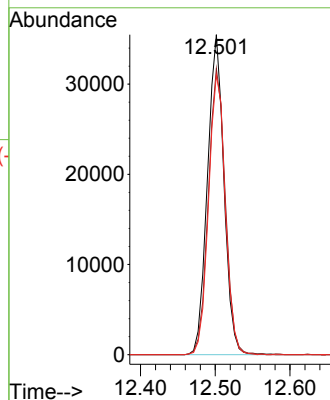
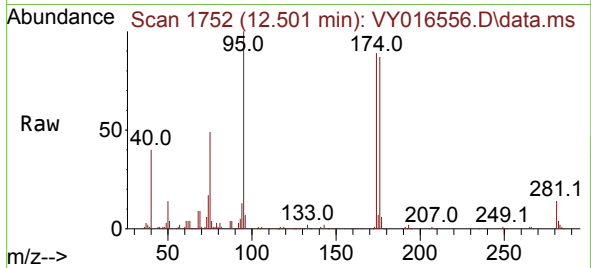




#62
4-Bromofluorobenzene
Concen: 45.437 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

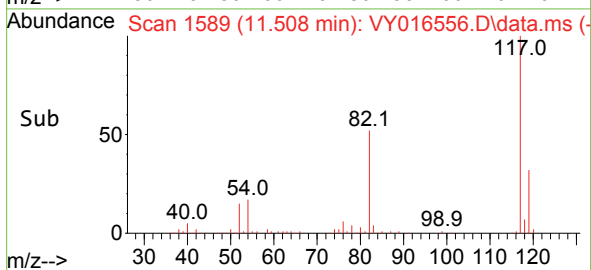
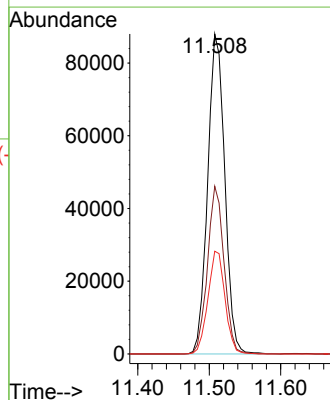
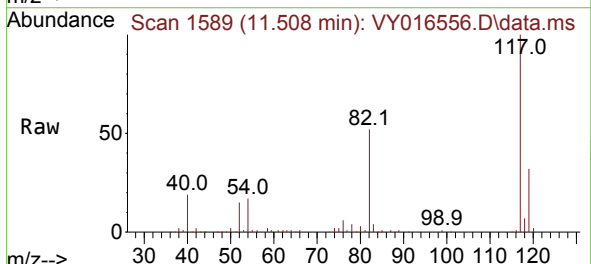
Instrument :
MSVOA_Y
ClientSampleId :

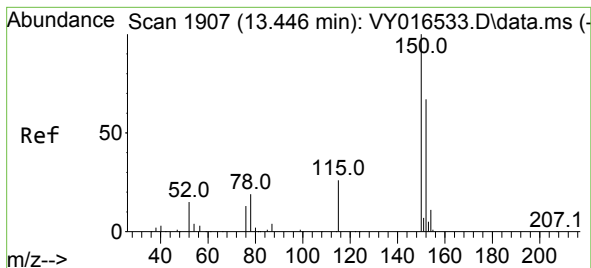
Tgt Ion: 95 Resp: 54418
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.2
176 88.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. -0.006 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

Tgt Ion: 117 Resp: 146093
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

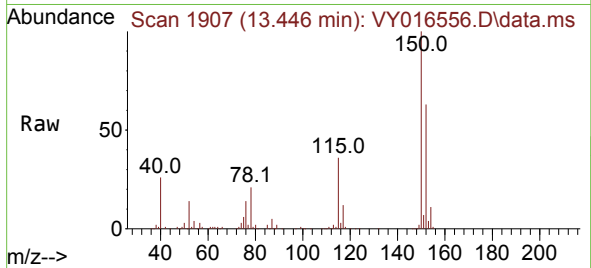
Lab File: VY016556.D

Acq: 01 Dec 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :



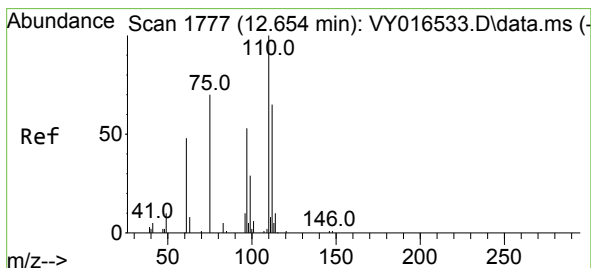
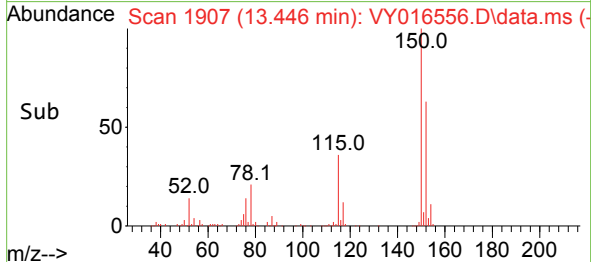
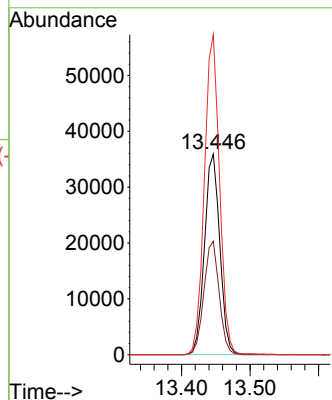
Tgt Ion:152 Resp: 55886

Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 158.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 56.972 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY016556.D

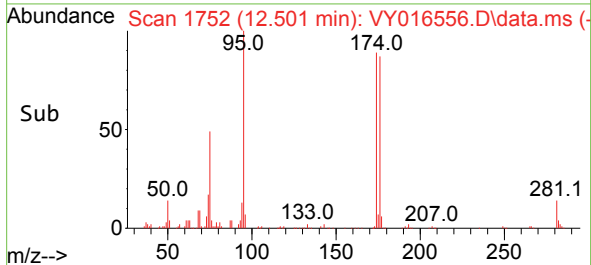
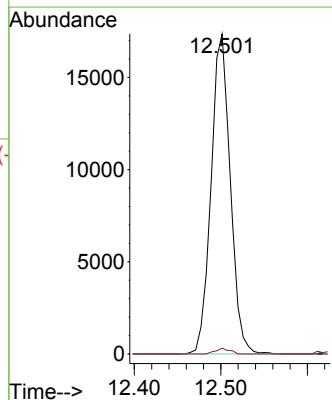
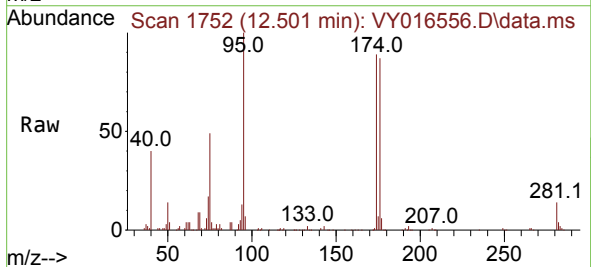
Acq: 01 Dec 2023 12:07

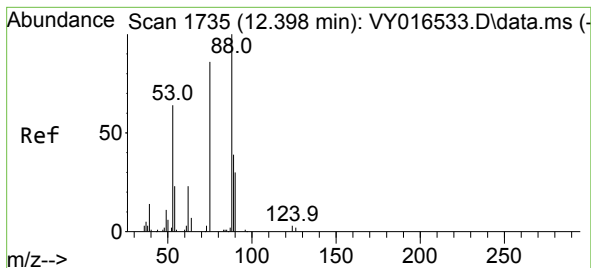
Tgt Ion: 75 Resp: 26733

Ion Ratio Lower Upper

75 100

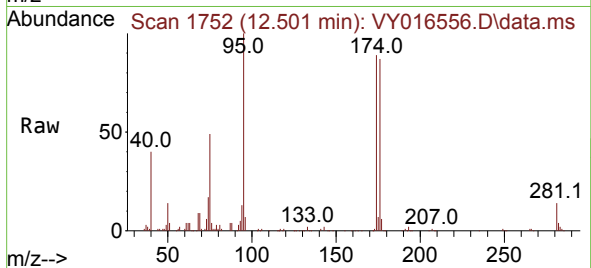
77 1.3 0.0 0.0#



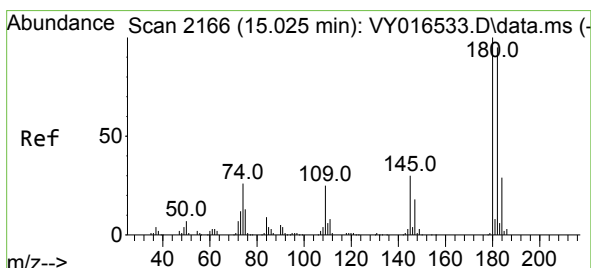
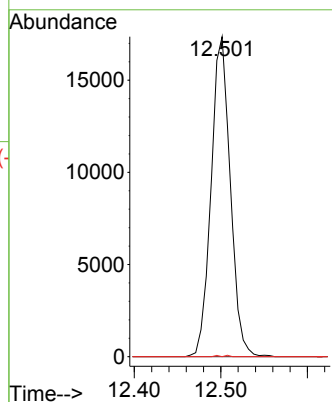
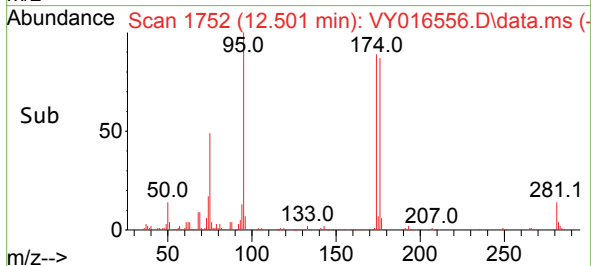


#81
trans-1,4-Dichloro-2-butene
Concen: 124.253 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.104 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

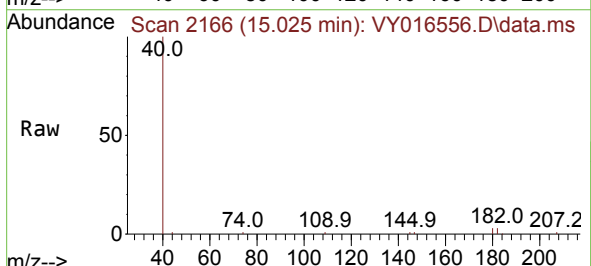
Instrument :
MSVOA_Y
ClientSampleId :



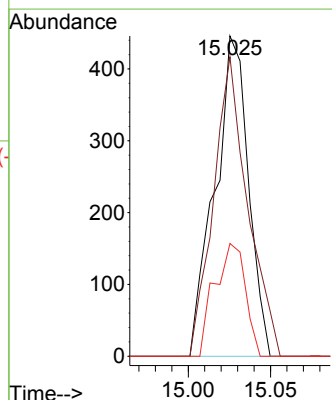
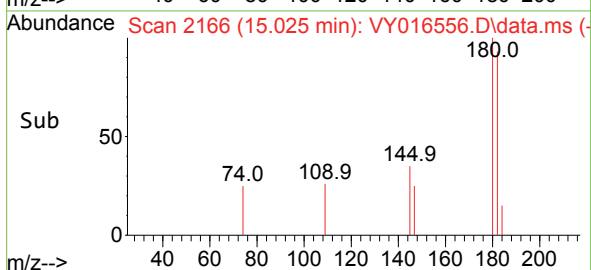
Tgt Ion: 75 Resp: 26733
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

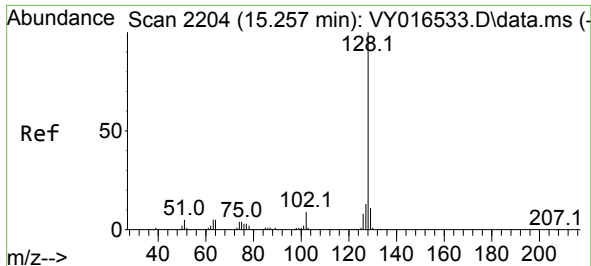


#93
1,2,4-Trichlorobenzene
Concen: 4.019 ug/l
RT: 15.025 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07



Tgt Ion: 180 Resp: 631
Ion Ratio Lower Upper
180 100
182 95.4 47.0 141.2
145 32.2 14.5 43.5

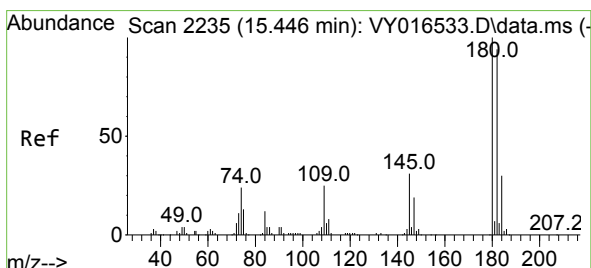
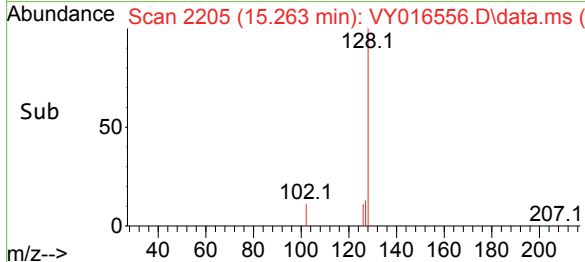
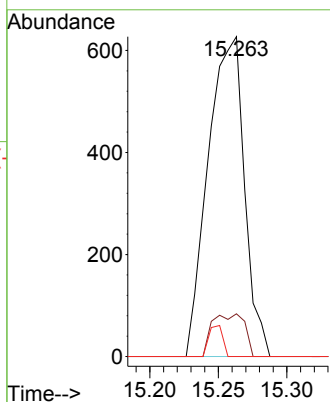
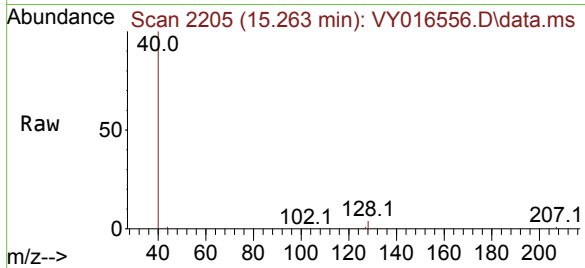




#95
Naphthalene
Concen: 5.532 ug/l
RT: 15.263 min Scan# 211
Delta R.T. 0.006 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 1154
Ion Ratio Lower Upper
128 100
127 12.0 10.8 16.2
129 3.7 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 4.785 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. -0.006 min
Lab File: VY016556.D
Acq: 01 Dec 2023 12:07

Tgt Ion:180 Resp: 588
Ion Ratio Lower Upper
180 100
182 99.5 47.3 141.8
145 26.2 15.4 46.2

