

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016536.D
 Acq On : 29 Nov 2023 14:57
 Operator : SY/MD
 Sample : VY1129SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 30 03:32:04 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)

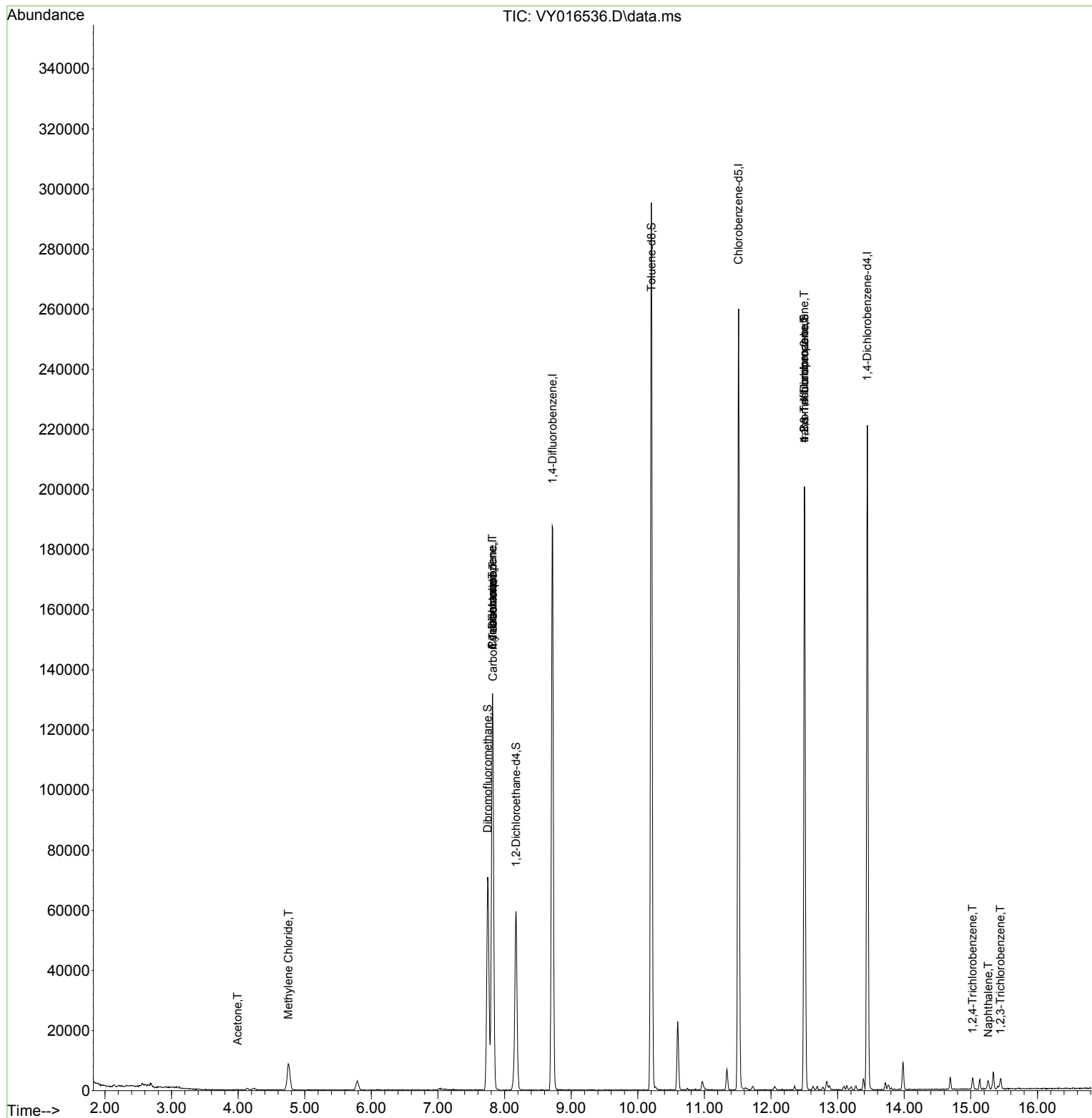
Internal Standards						
1) Pentafluorobenzene	7.819	168	108110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.722	114	176694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	156955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	61781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	46972	54.995	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 109.980%		
35) Dibromofluoromethane	7.746	113	51280	49.449	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 98.900%		
50) Toluene-d8	10.203	98	200451	49.836	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 99.680%		
62) 4-Bromofluorobenzene	12.502	95	60076	47.612	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 95.220%		
Target Compounds						
						Qvalue
16) Acetone	3.991	43	397	7.463	ug/l #	46
20) Methylene Chloride	4.753	84	7720	5.327	ug/l #	77
31) Cyclohexane	7.819	56	1738	1.159	ug/l #	1
36) 1,1-Dichloropropene	7.819	75	7001	4.572	ug/l #	51
38) Carbon Tetrachloride	7.826	117	10351	5.759	ug/l #	16
76) 1,2,3-Trichloropropane	12.502	75	28740	55.405	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	28740	120.835	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.025	180	1578	4.786	ug/l	98
95) Naphthalene	15.263	128	3103	6.396	ug/l	97
96) 1,2,3-Trichlorobenzene	15.446	180	1609	5.795	ug/l	92

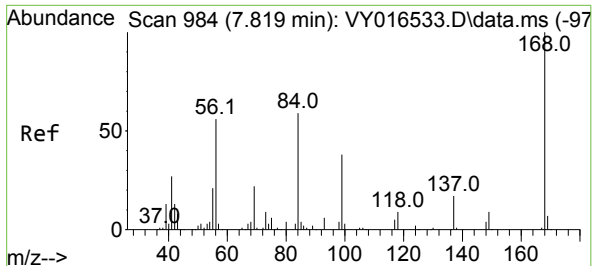
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 30 03:32:04 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

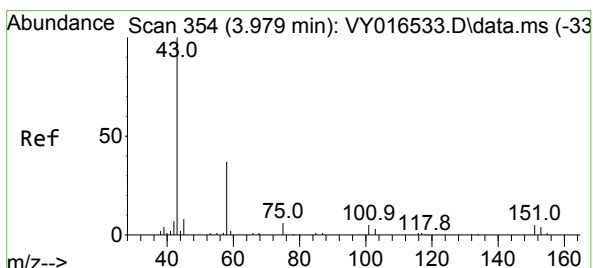
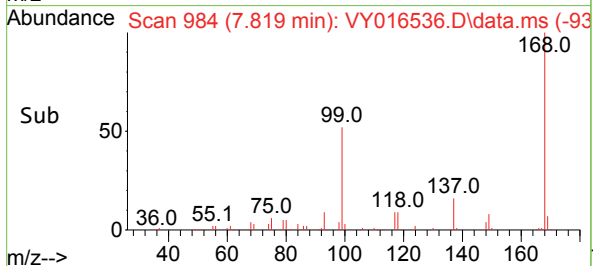
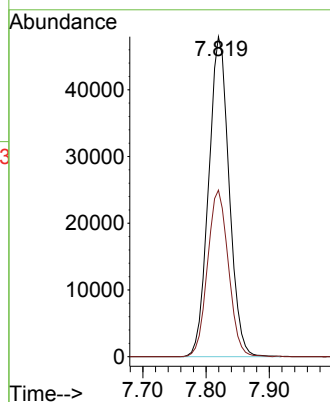
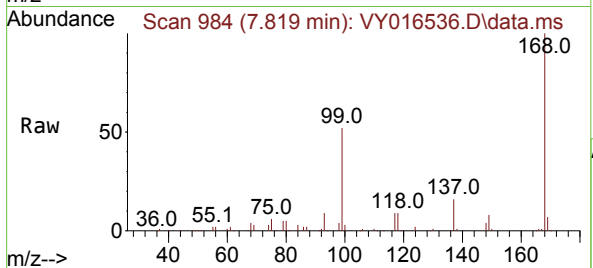




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY016536.D
Acq: 29 Nov 2023 14:57

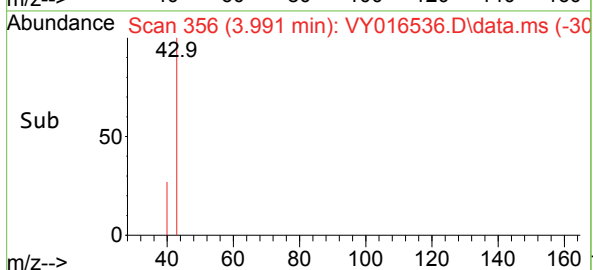
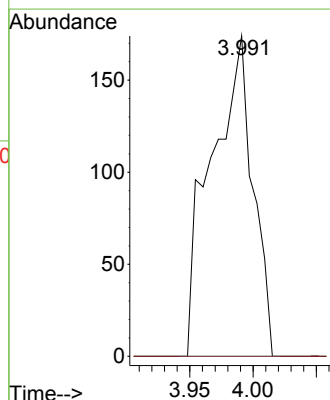
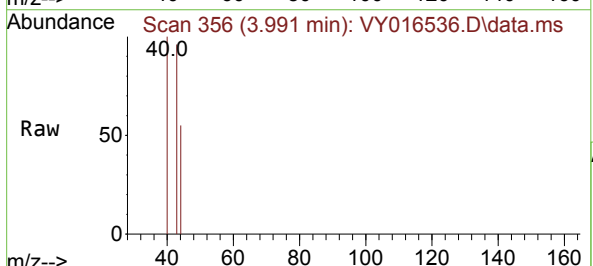
Instrument :
MSVOA_Y
ClientSampleId :

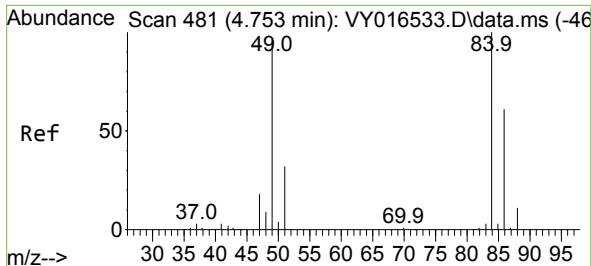
Tgt Ion:168 Resp: 108110
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#16
Acetone
Concen: 7.463 ug/l
RT: 3.991 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY016536.D
Acq: 29 Nov 2023 14:57

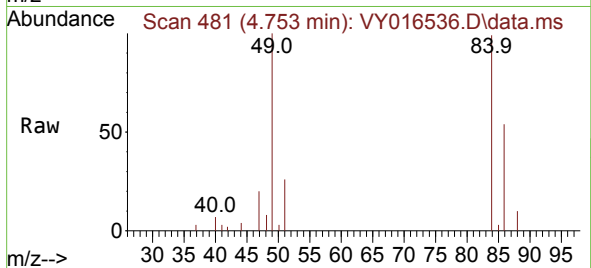
Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



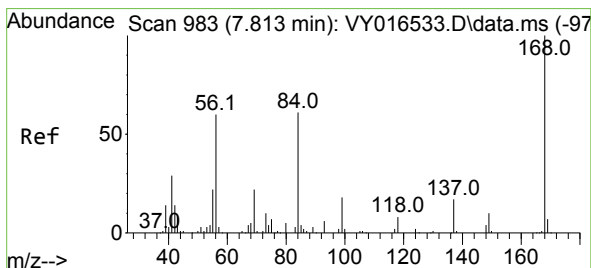
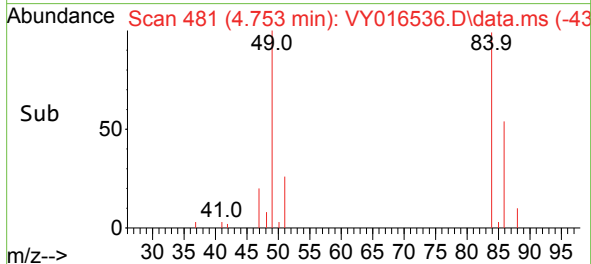
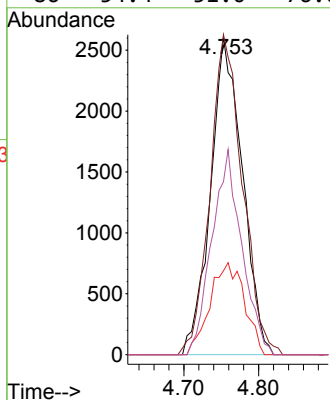


#20
Methylene Chloride
Concen: 5.327 ug/l
RT: 4.753 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016536.D
Acq: 29 Nov 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :

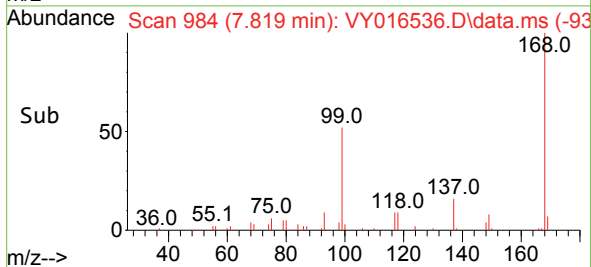
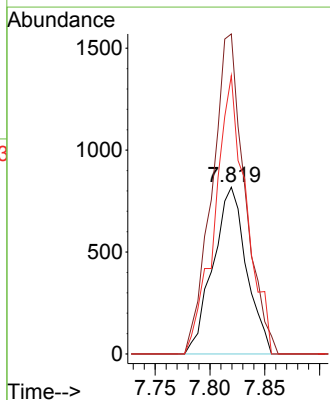
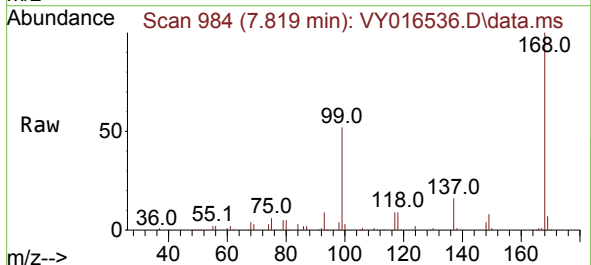


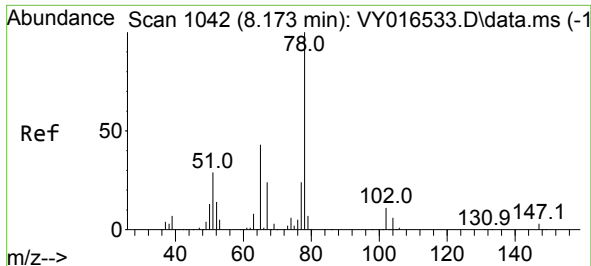
Tgt Ion:	84	Resp:	7720
Ion	Ratio	Lower	Upper
84	100		
49	100.7	106.9	160.3#
51	26.4	33.2	49.8#
86	54.4	51.0	76.6



#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY016536.D
Acq: 29 Nov 2023 14:57

Tgt Ion:	56	Resp:	1738
Ion	Ratio	Lower	Upper
56	100		
69	191.9	27.8	41.6#
84	166.9	66.4	99.6#

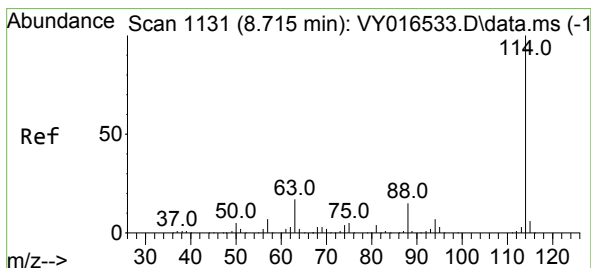
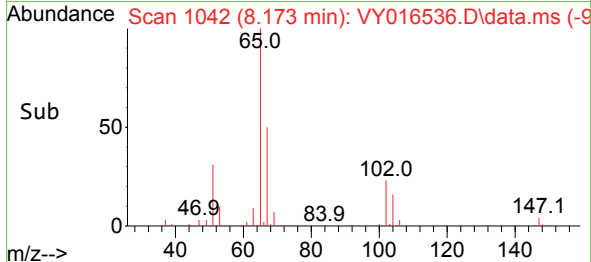
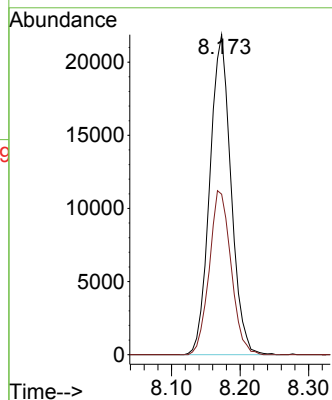
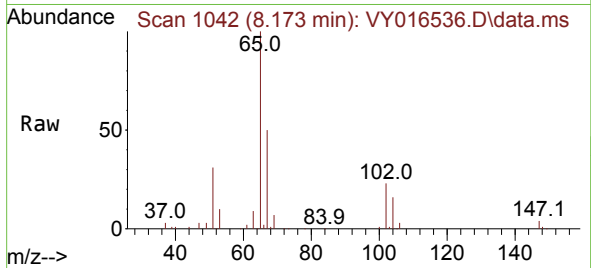




#33
 1,2-Dichloroethane-d4
 Concen: 54.995 ug/l
 RT: 8.173 min Scan# 1042
 Delta R.T. 0.000 min
 Lab File: VY016536.D
 Acq: 29 Nov 2023 14:57

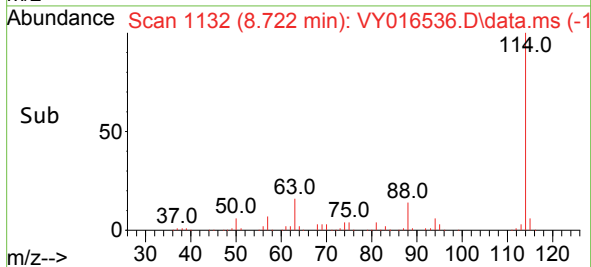
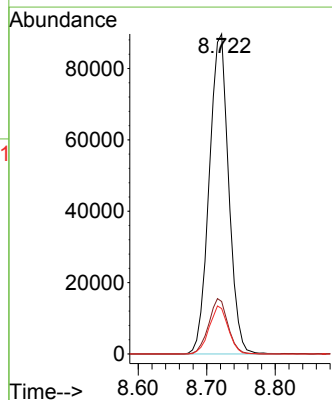
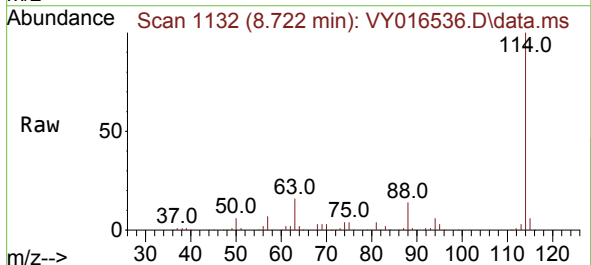
Instrument :
 MSVOA_Y
 ClientSampleId :

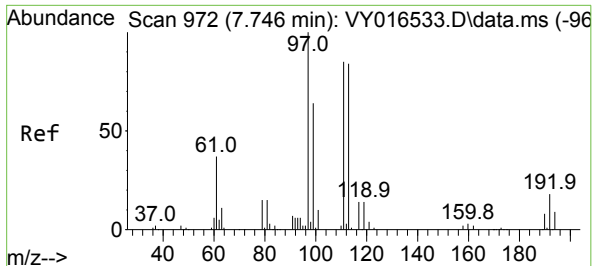
Tgt Ion: 65 Resp: 46972
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.722 min Scan# 1132
 Delta R.T. 0.006 min
 Lab File: VY016536.D
 Acq: 29 Nov 2023 14:57

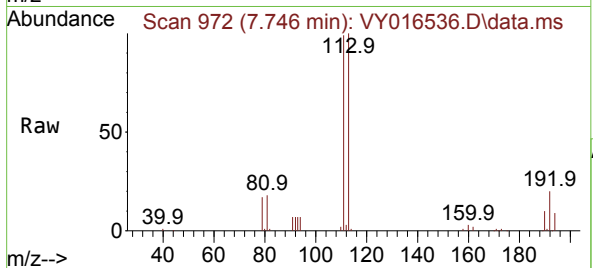
Tgt Ion: 114 Resp: 176694
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 42.4
 88 14.2 0.0 30.6



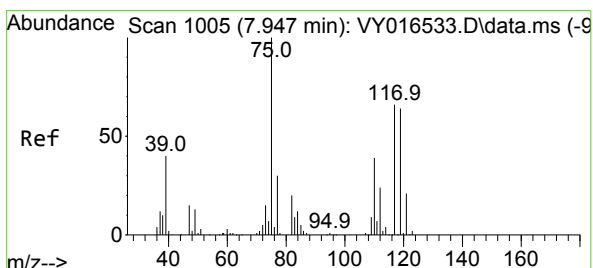
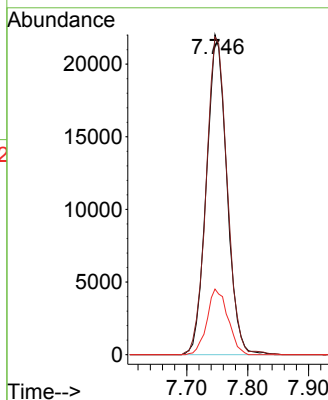
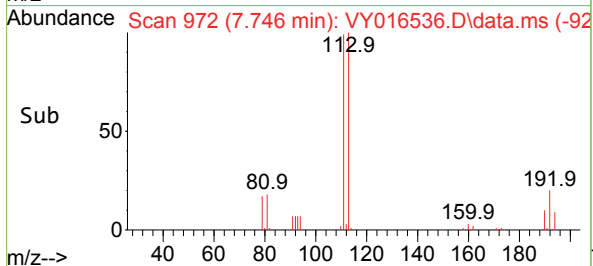


#35
Dibromofluoromethane
Concen: 49.449 ug/l
RT: 7.746 min Scan# 912
Delta R.T. 0.000 min
Lab File: VY016536.D
Acq: 29 Nov 2023 14:57

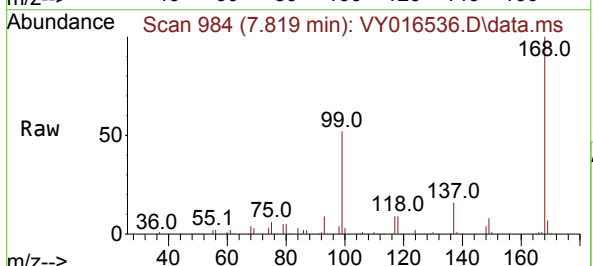
Instrument :
MSVOA_Y
ClientSampleId :



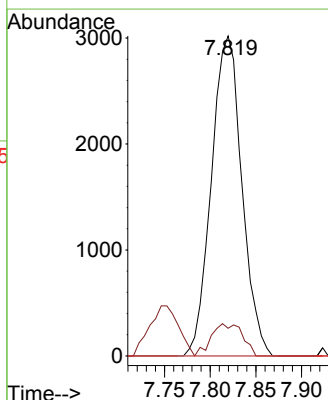
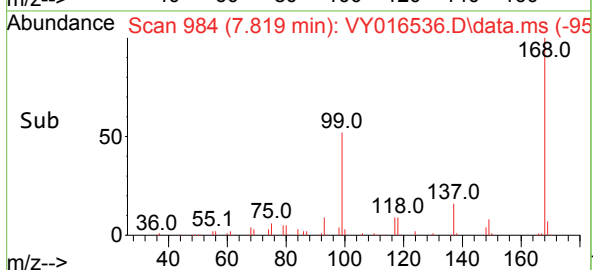
Tgt Ion:113 Resp: 51280
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 21.0 16.9 25.3

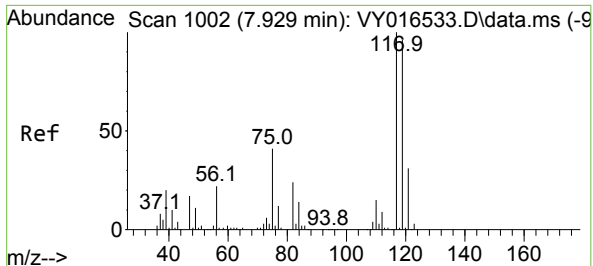


#36
1,1-Dichloropropene
Concen: 4.572 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.128 min
Lab File: VY016536.D
Acq: 29 Nov 2023 14:57



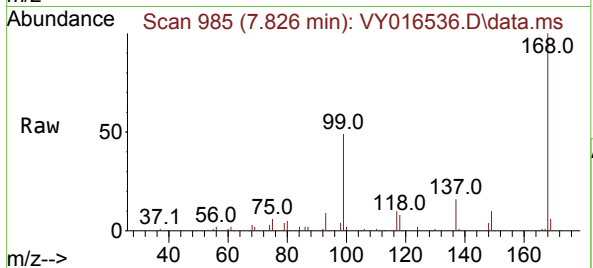
Tgt Ion: 75 Resp: 7001
Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.5#
77 0.0 24.4 36.6#



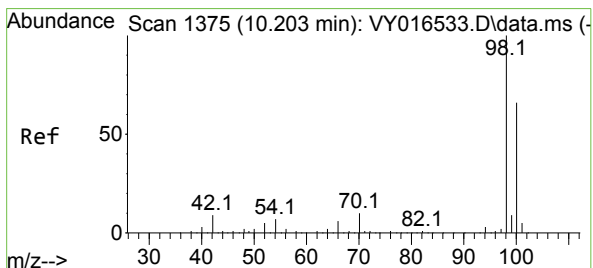
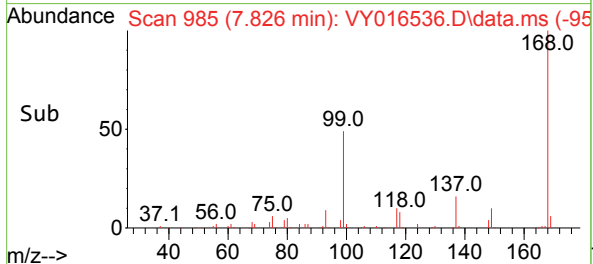
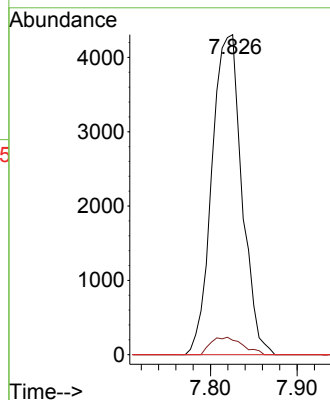


#38
Carbon Tetrachloride
Concen: 5.759 ug/l
RT: 7.826 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY016536.D
Acq: 29 Nov 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :

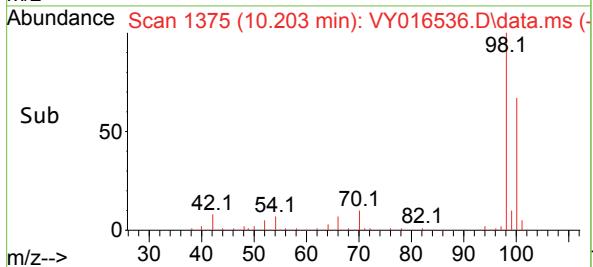
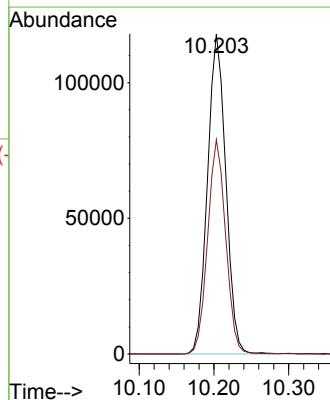
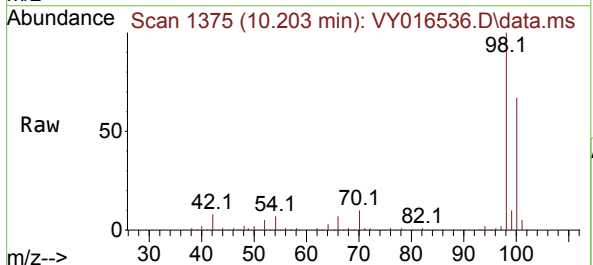


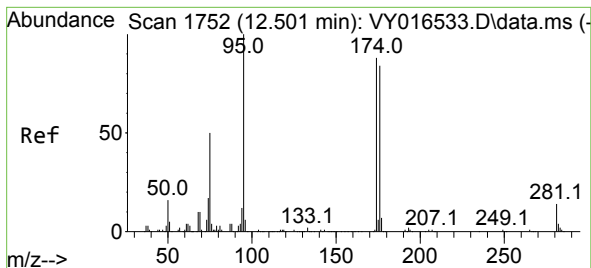
Tgt Ion:117 Resp: 10351
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.836 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY016536.D
Acq: 29 Nov 2023 14:57

Tgt Ion: 98 Resp: 200451
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 47.612 ug/l

RT: 12.502 min Scan# 1

Delta R.T. 0.000 min

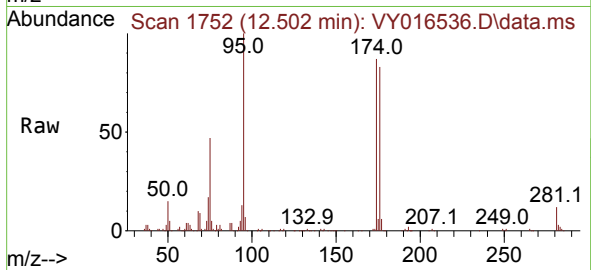
Lab File: VY016536.D

Acq: 29 Nov 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :



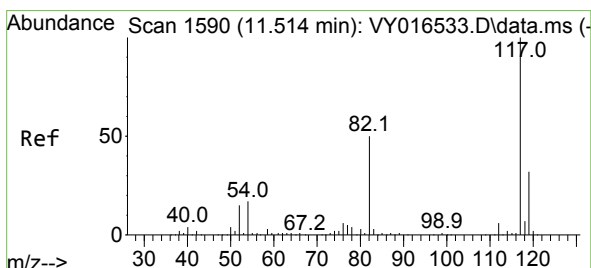
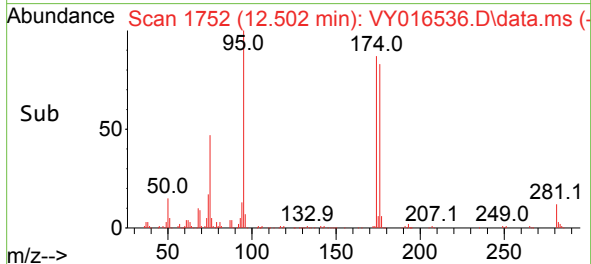
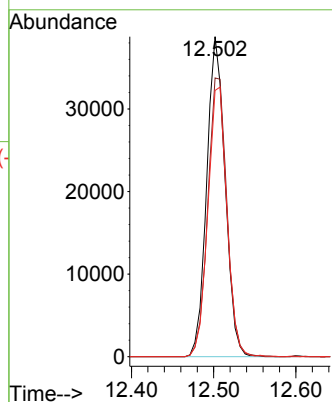
Tgt Ion: 95 Resp: 60076

Ion Ratio Lower Upper

95 100

174 90.7 0.0 178.2

176 87.6 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY016536.D

Acq: 29 Nov 2023 14:57

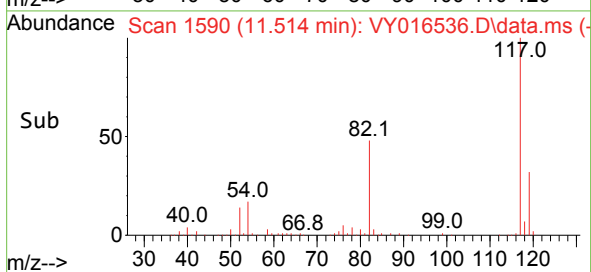
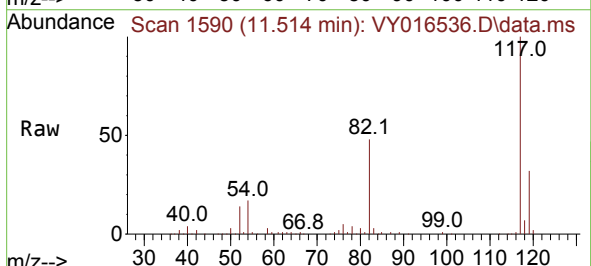
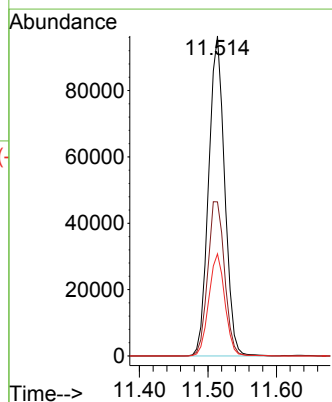
Tgt Ion: 117 Resp: 156955

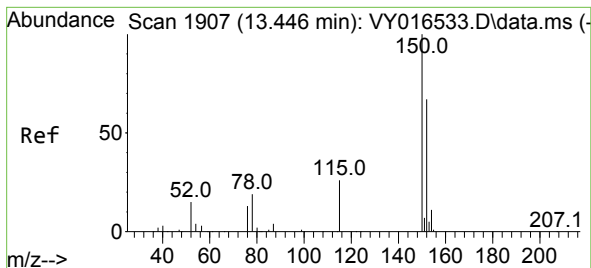
Ion Ratio Lower Upper

117 100

82 48.1 43.4 65.0

119 31.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

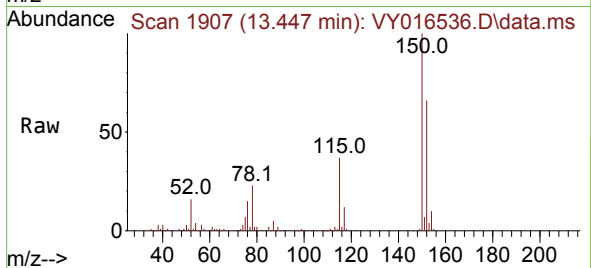
Lab File: VY016536.D

Acq: 29 Nov 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :



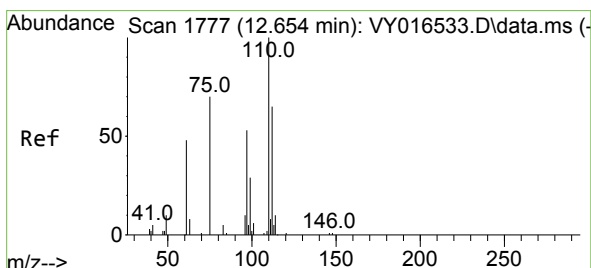
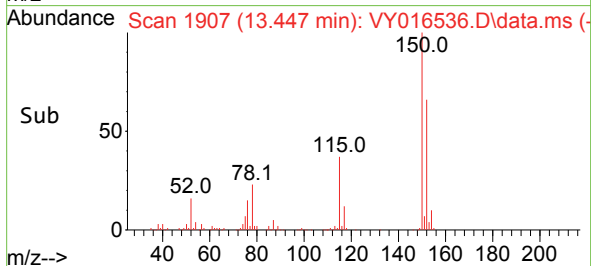
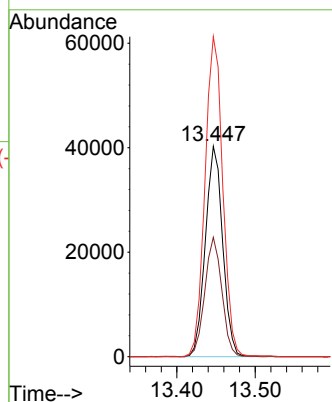
Tgt Ion:152 Resp: 61781

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 156.1 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 55.405 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY016536.D

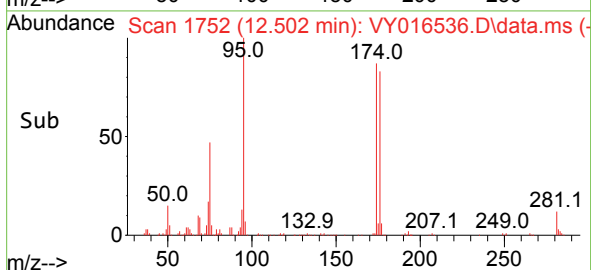
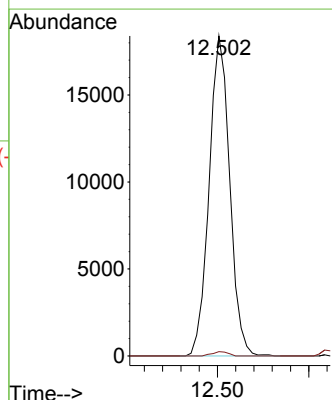
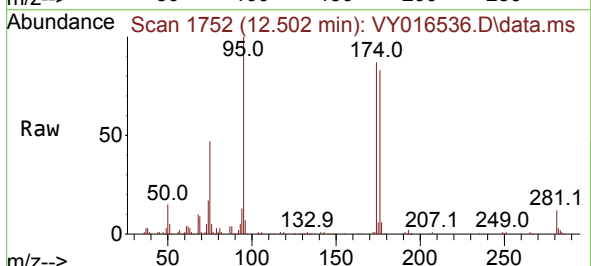
Acq: 29 Nov 2023 14:57

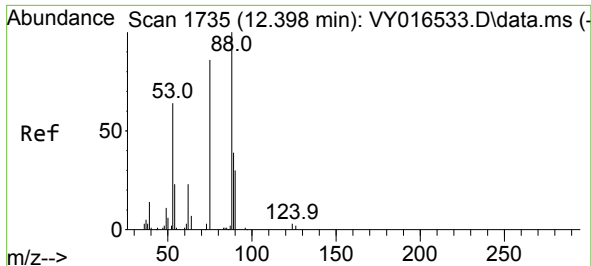
Tgt Ion: 75 Resp: 28740

Ion Ratio Lower Upper

75 100

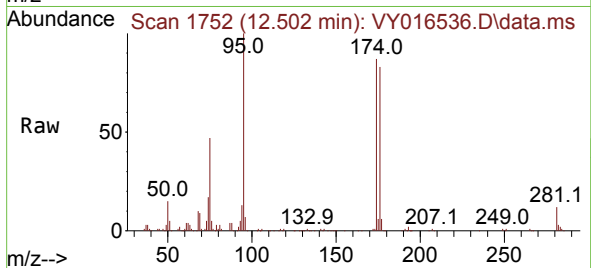
77 1.1 0.0 0.0#



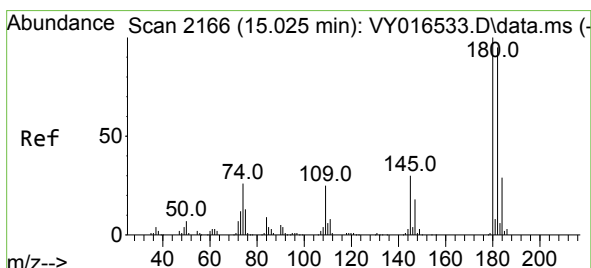
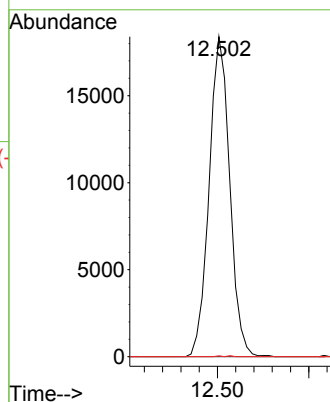
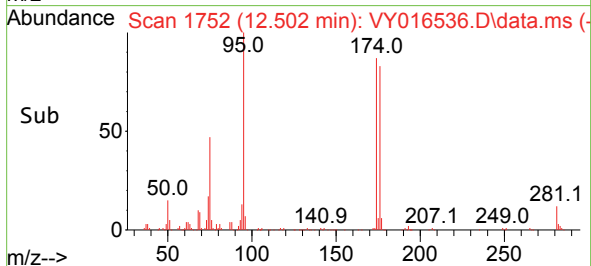


#81
trans-1,4-Dichloro-2-butene
Concen: 120.835 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.104 min
Lab File: VY016536.D
Acq: 29 Nov 2023 14:57

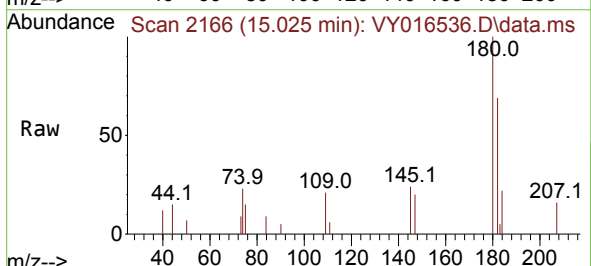
Instrument :
MSVOA_Y
ClientSampleId :



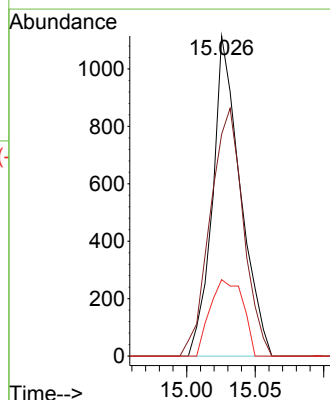
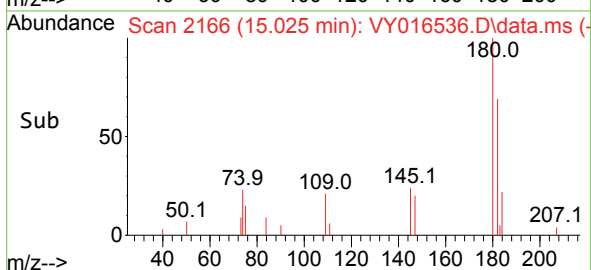
Tgt Ion: 75 Resp: 28740
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

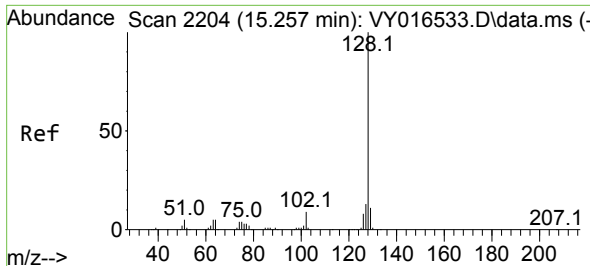


#93
1,2,4-Trichlorobenzene
Concen: 4.786 ug/l
RT: 15.025 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VY016536.D
Acq: 29 Nov 2023 14:57



Tgt Ion: 180 Resp: 1578
Ion Ratio Lower Upper
180 100
182 91.8 47.0 141.2
145 28.1 14.5 43.5

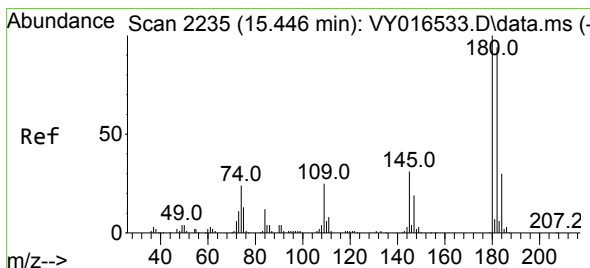
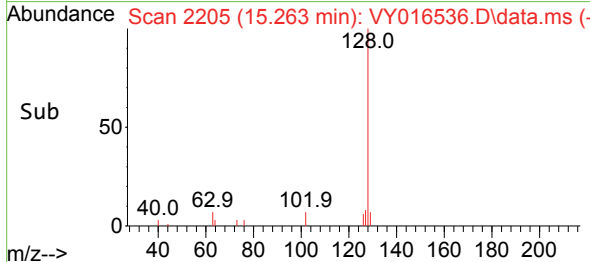
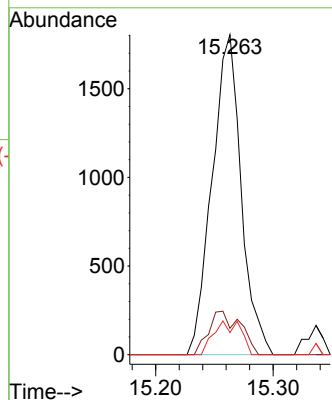
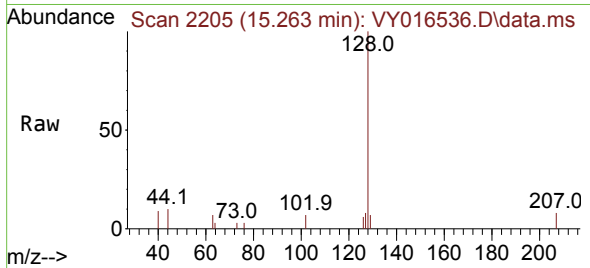




#95
Naphthalene
Concen: 6.396 ug/l
RT: 15.263 min Scan# 2205
Delta R.T. 0.006 min
Lab File: VY016536.D
Acq: 29 Nov 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 3103
Ion Ratio Lower Upper
128 100
127 14.7 10.8 16.2
129 9.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.795 ug/l
RT: 15.446 min Scan# 2235
Delta R.T. 0.000 min
Lab File: VY016536.D
Acq: 29 Nov 2023 14:57

Tgt Ion:180 Resp: 1609
Ion Ratio Lower Upper
180 100
182 84.6 47.3 141.8
145 31.8 15.4 46.2

