

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
 Data File : VY017887.D
 Acq On : 09 Apr 2024 12:21
 Operator : SY/MD
 Sample : P1980-01
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC1-GRAB-10-11

Quant Time: Apr 10 04:24:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

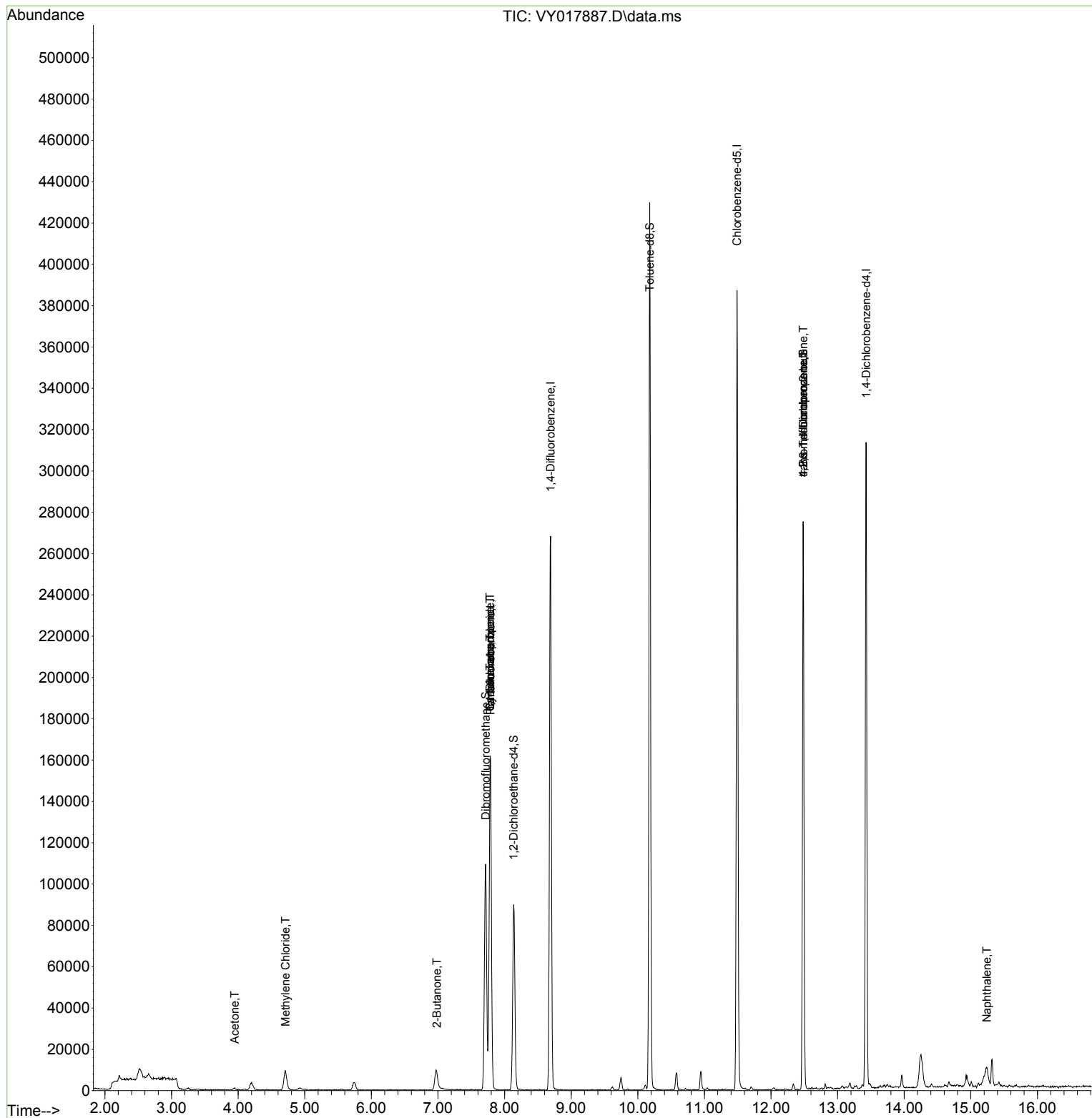
Internal Standards						
1) Pentafluorobenzene	7.789	168	132027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	240626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	211693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69834	61.125	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.260%			
35) Dibromofluoromethane	7.716	113	75058	53.981	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.960%			
50) Toluene-d8	10.179	98	277716	53.470	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.940%			
62) 4-Bromofluorobenzene	12.483	95	73640	46.600	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.200%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1276	Below Cal	#	88
16) Acetone	3.948	43	1291	5.467	ug/l	98
20) Methylene Chloride	4.710	84	7228	2.471	ug/l	92
25) 2-Butanone	6.984	43	744	2.211	ug/l #	41
31) Cyclohexane	7.783	56	2795	1.389	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10137	4.997	ug/l #	48
38) Carbon Tetrachloride	7.783	117	12527	5.948	ug/l #	17
48) Methyl methacrylate	9.435	41	24	Below Cal	#	7
51) 4-Methyl-2-Pentanone	10.069	43	354	Below Cal	#	61
59) 2-Hexanone	10.831	43	48	Below Cal	#	19
69) o-Xylene	12.026	106	148	Below Cal	#	1
70) Styrene	12.044	104	505	Below Cal	#	79
74) N-amyl acetate	12.154	43	162	Below Cal	#	32
76) 1,2,3-Trichloropropane	12.483	75	40451	55.490	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40451	107.914	ug/l #	16
95) Naphthalene	15.239	128	2066	1.988	ug/l	98

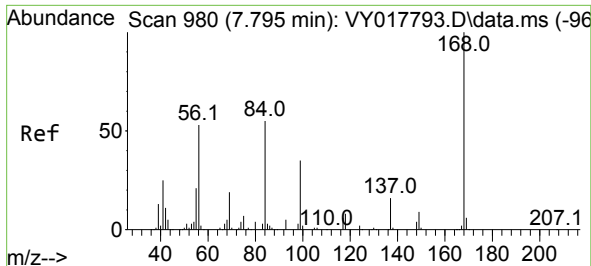
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
Data File : VY017887.D
Acq On : 09 Apr 2024 12:21
Operator : SY/MD
Sample : P1980-01
Misc : 5.53g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11

Quant Time: Apr 10 04:24:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

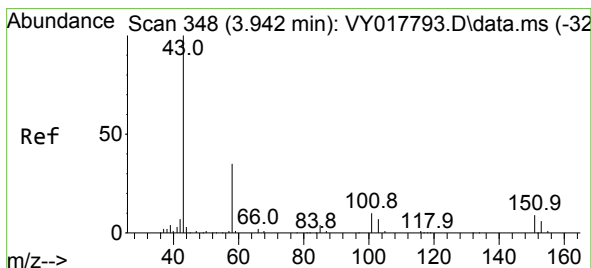
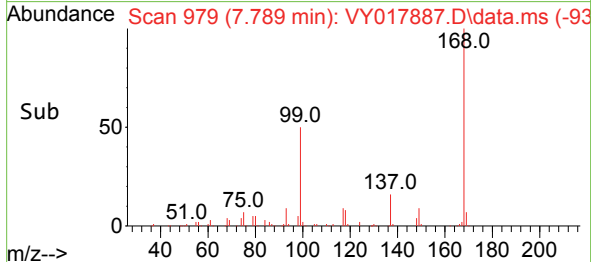
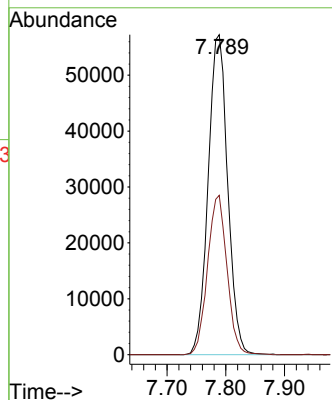
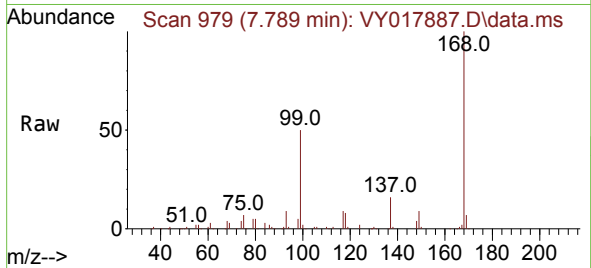




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017887.D
Acq: 09 Apr 2024 12:21

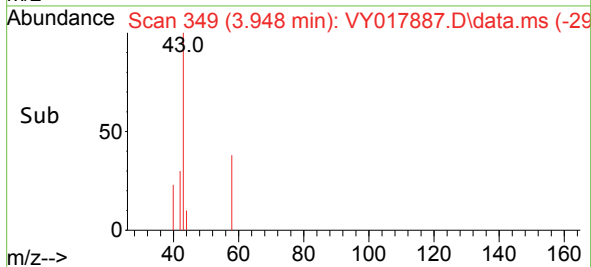
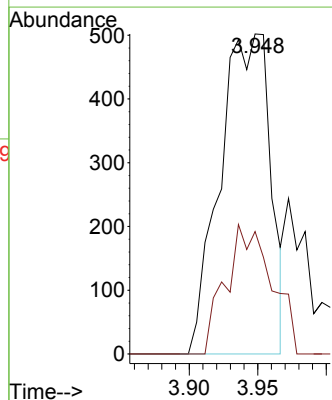
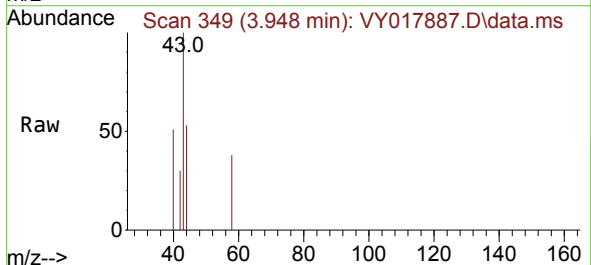
Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11

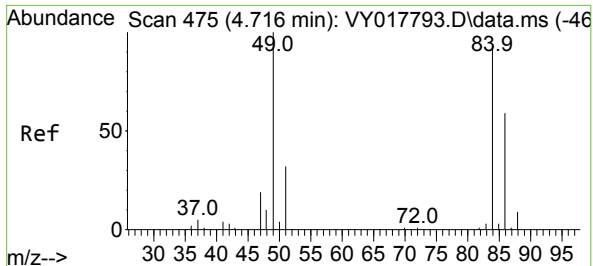
Tgt Ion:168 Resp: 132027
Ion Ratio Lower Upper
168 100
99 49.8 39.1 58.7



#16
Acetone
Concen: 5.467 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017887.D
Acq: 09 Apr 2024 12:21

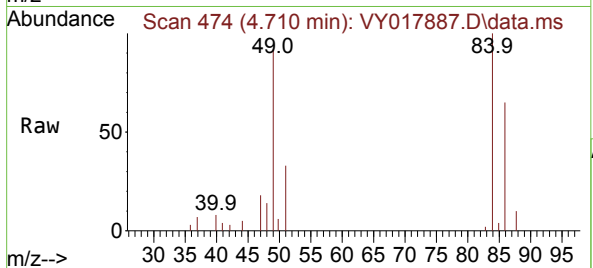
Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
58 38.2 31.7 47.5



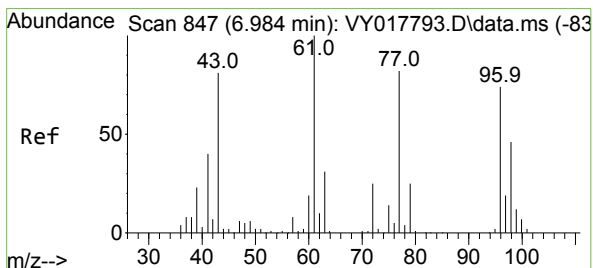
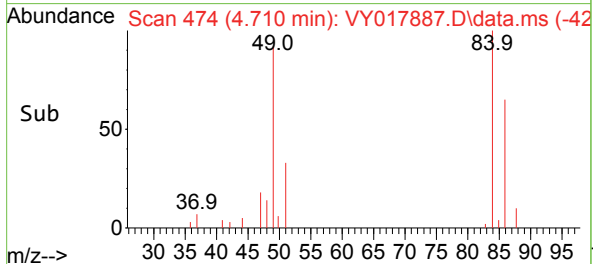
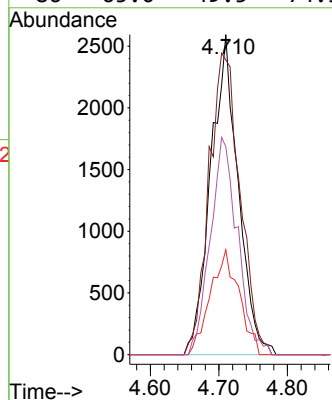


#20
Methylene Chloride
Concen: 2.471 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017887.D
Acq: 09 Apr 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11

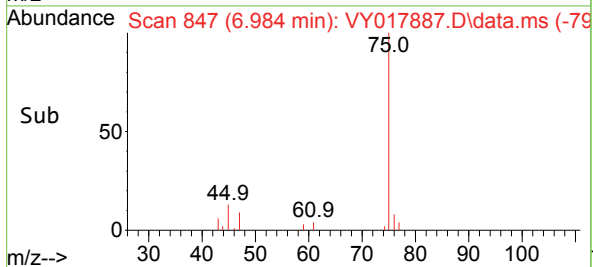
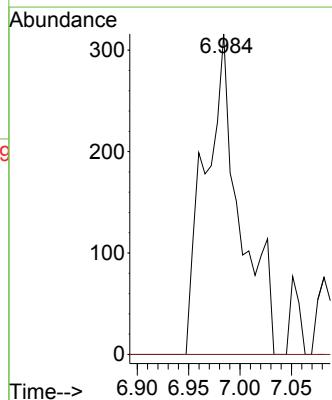
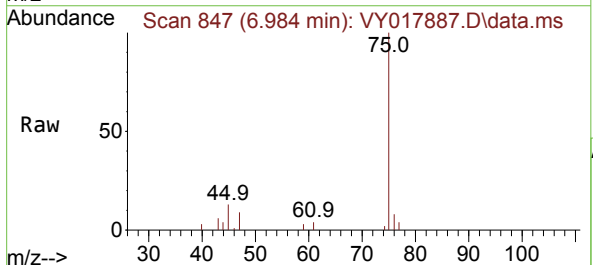


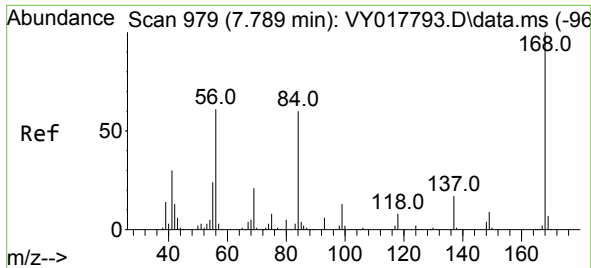
Tgt Ion: 84	Resp: 7228
Ion Ratio	Lower Upper
84 100	
49 92.1	84.4 126.6
51 32.8	26.0 39.0
86 65.0	49.5 74.3



#25
2-Butanone
Concen: 2.211 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY017887.D
Acq: 09 Apr 2024 12:21

Tgt Ion: 43	Resp: 744
Ion Ratio	Lower Upper
43 100	
72 0.0	27.3 40.9#

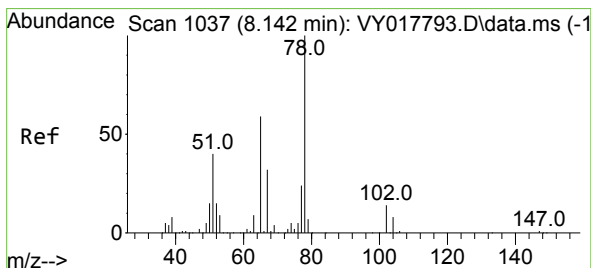
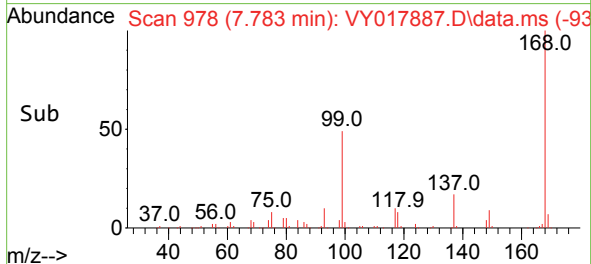
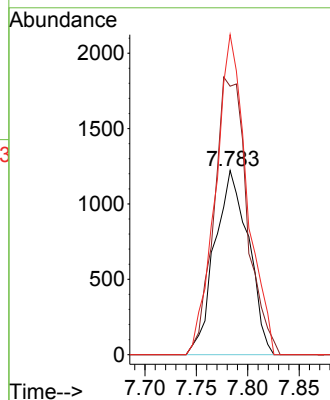
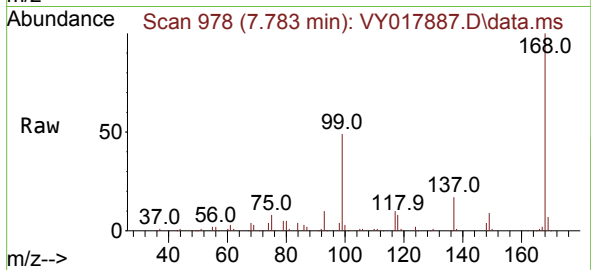




#31
Cyclohexane
Concen: 1.389 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017887.D
Acq: 09 Apr 2024 12:21

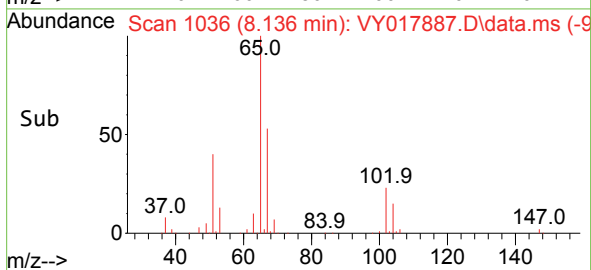
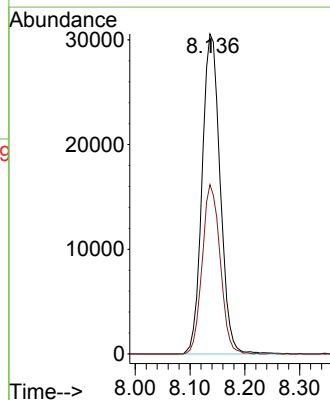
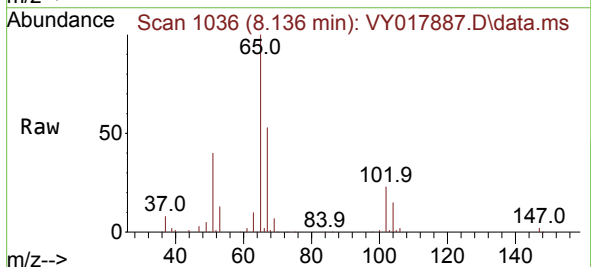
Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11

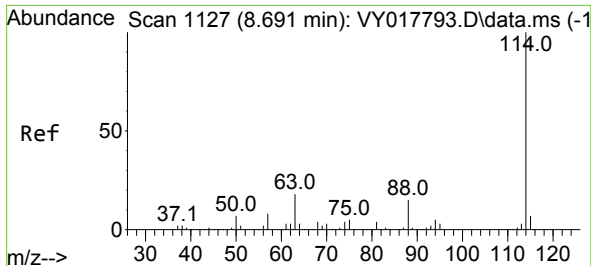
Tgt Ion: 56 Resp: 2795
Ion Ratio Lower Upper
56 100
69 145.7 28.7 43.1#
84 173.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 61.125 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017887.D
Acq: 09 Apr 2024 12:21

Tgt Ion: 65 Resp: 69834
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

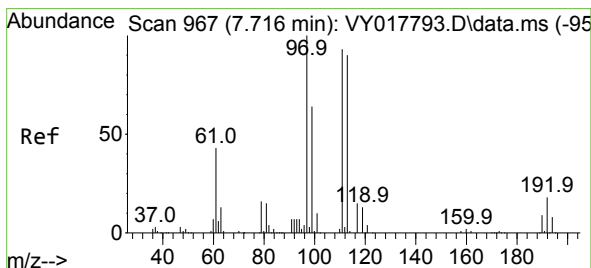
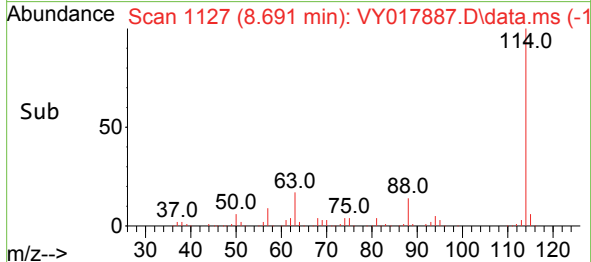
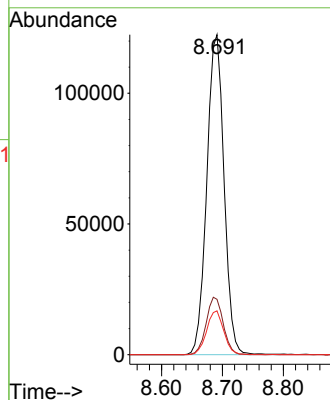
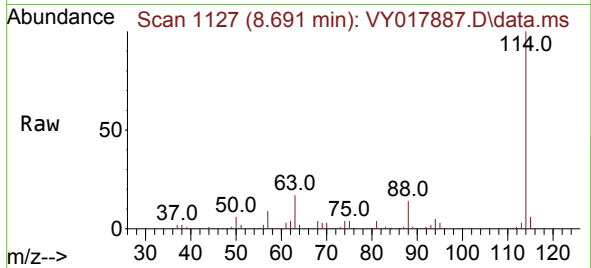




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY017887.D
Acq: 09 Apr 2024 12:21

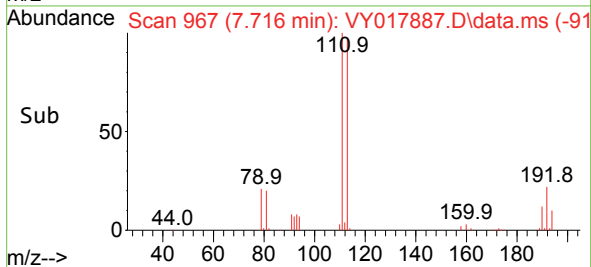
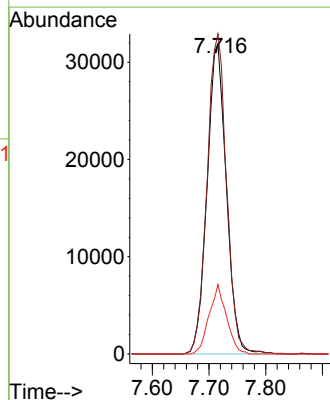
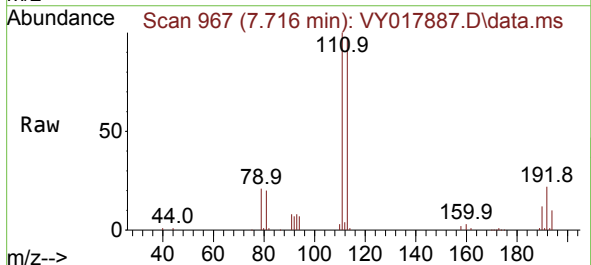
Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11

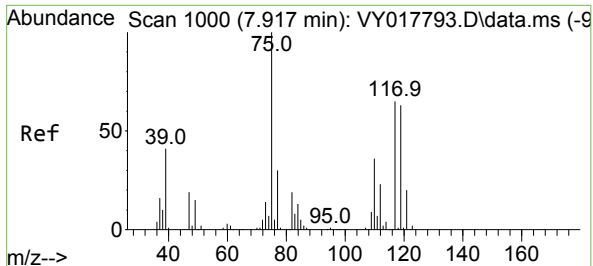
Tgt Ion:114 Resp: 240626
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 13.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 53.981 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY017887.D
Acq: 09 Apr 2024 12:21

Tgt Ion:113 Resp: 75058
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.4
192 20.2 15.9 23.9

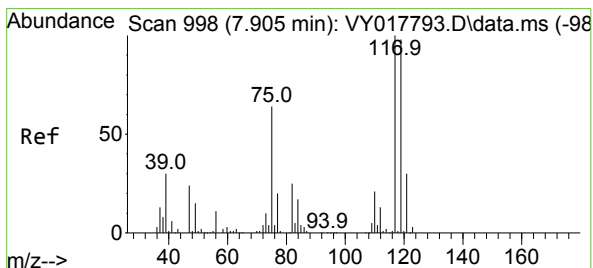
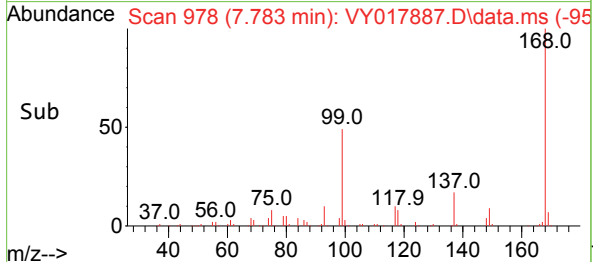
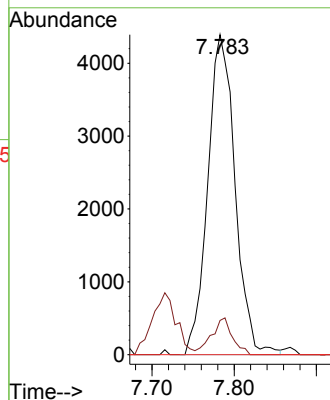
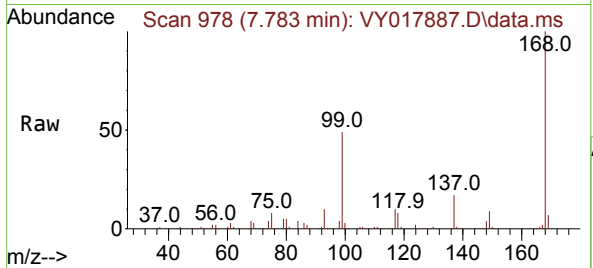




#36
1,1-Dichloropropene
Concen: 4.997 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017887.D
Acq: 09 Apr 2024 12:21

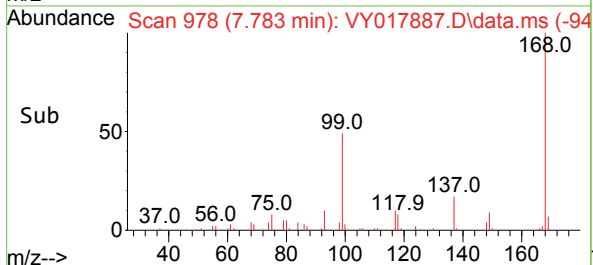
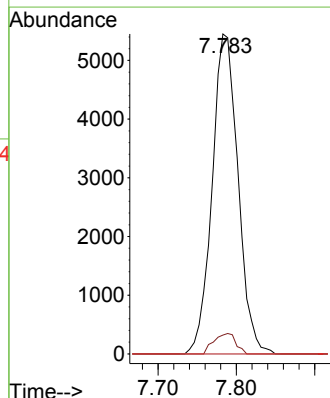
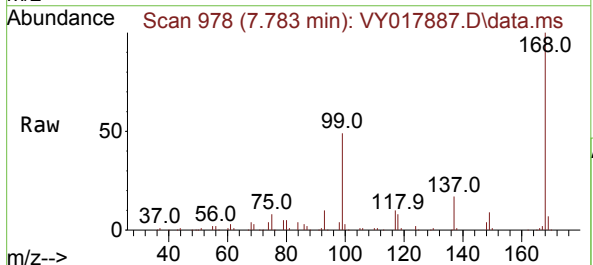
Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11

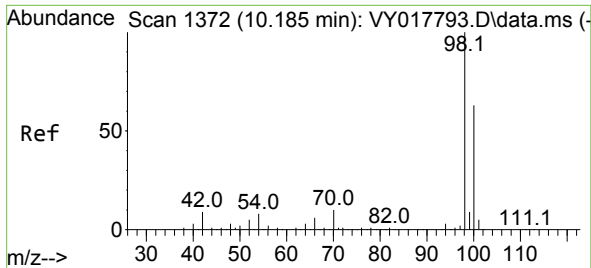
Tgt Ion: 75 Resp: 10137
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.948 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY017887.D
Acq: 09 Apr 2024 12:21

Tgt Ion: 117 Resp: 12527
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.0 36.0#

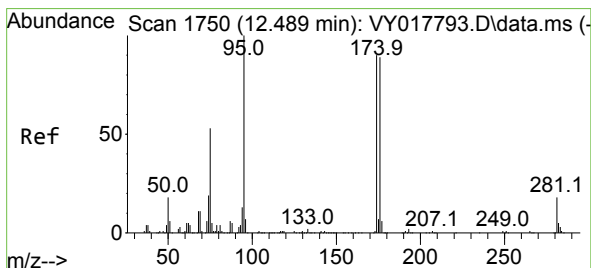
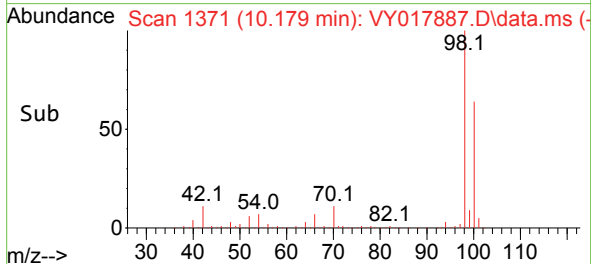
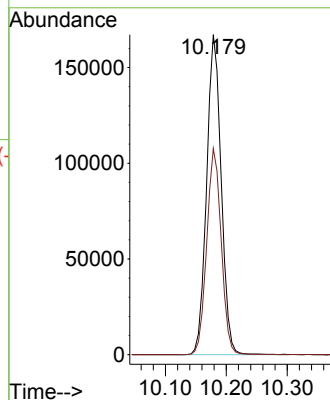
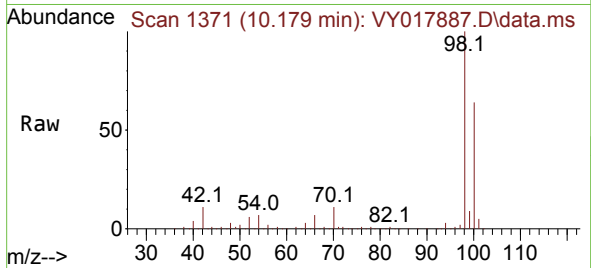




#50
Toluene-d8
Concen: 53.470 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017887.D
Acq: 09 Apr 2024 12:21

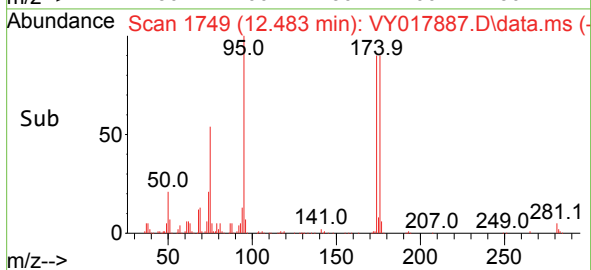
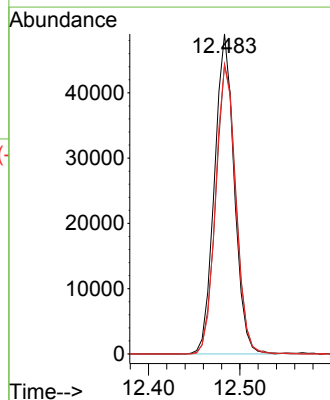
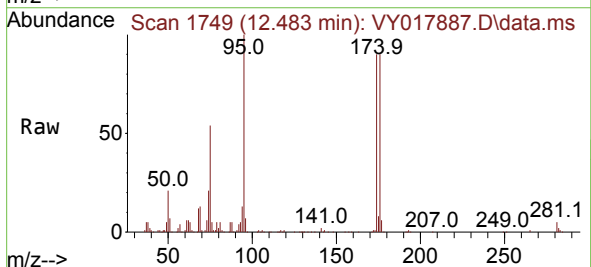
Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11

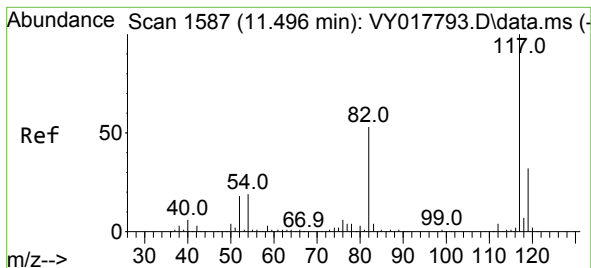
Tgt Ion: 98 Resp: 277716
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.600 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017887.D
Acq: 09 Apr 2024 12:21

Tgt Ion: 95 Resp: 73640
Ion Ratio Lower Upper
95 100
174 92.5 0.0 175.6
176 91.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017887.D

Acq: 09 Apr 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

WC1-GRAB-10-11

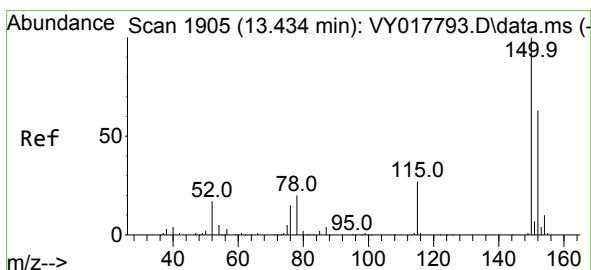
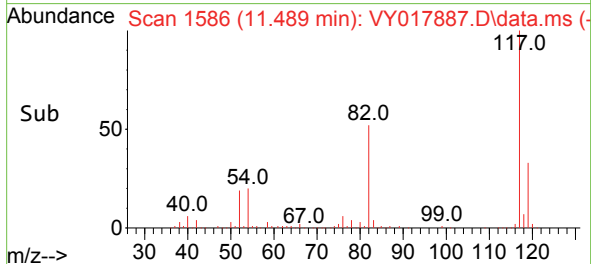
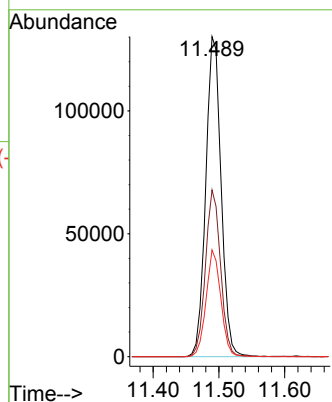
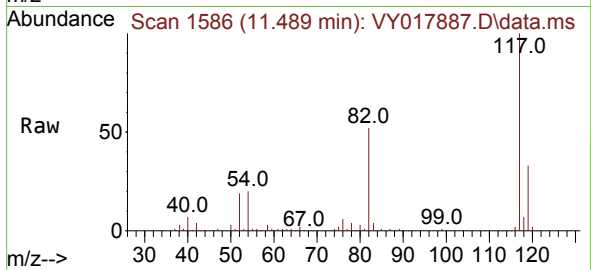
Tgt Ion:117 Resp: 211693

Ion Ratio Lower Upper

117 100

82 52.1 42.4 63.6

119 33.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017887.D

Acq: 09 Apr 2024 12:21

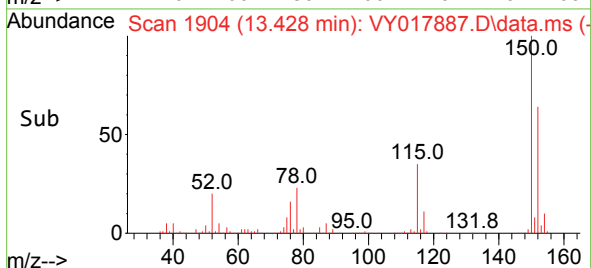
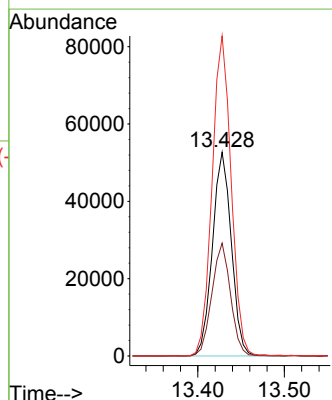
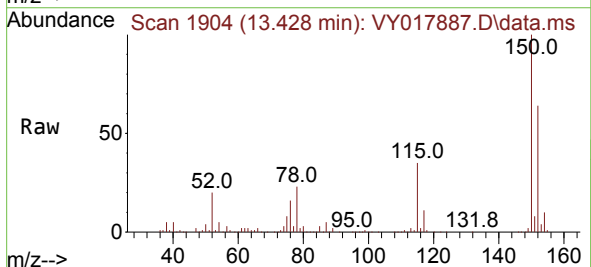
Tgt Ion:152 Resp: 79997

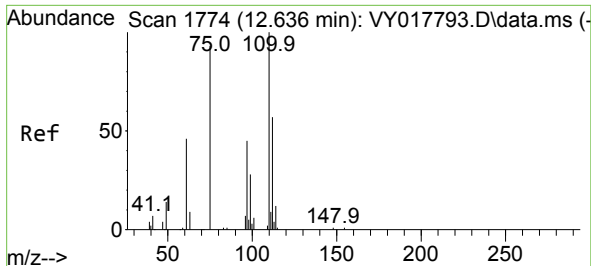
Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 158.3 0.0 345.6

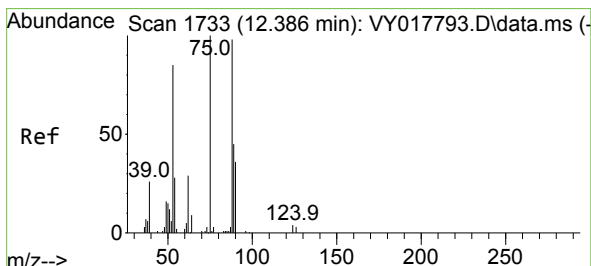
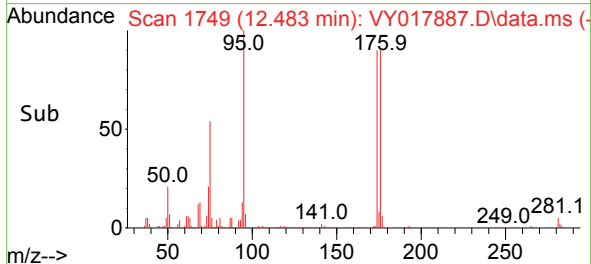
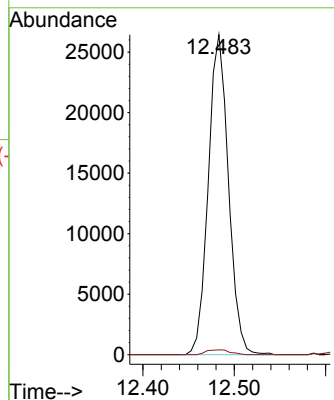
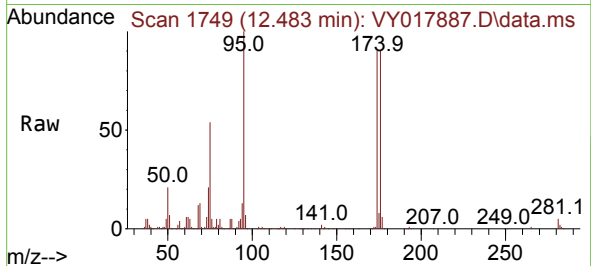




#76
1,2,3-Trichloropropane
Concen: 55.490 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017887.D
Acq: 09 Apr 2024 12:21

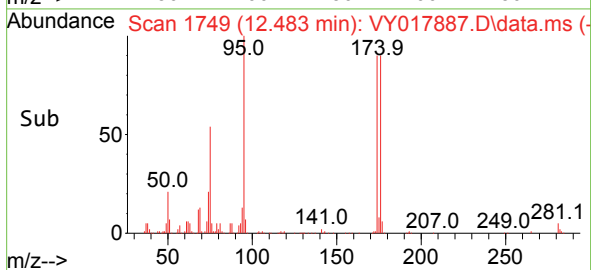
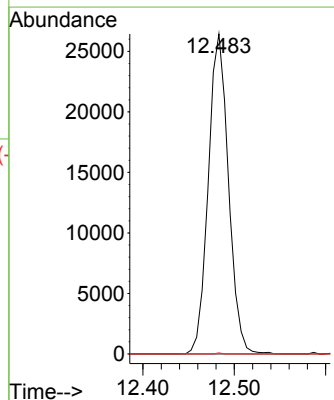
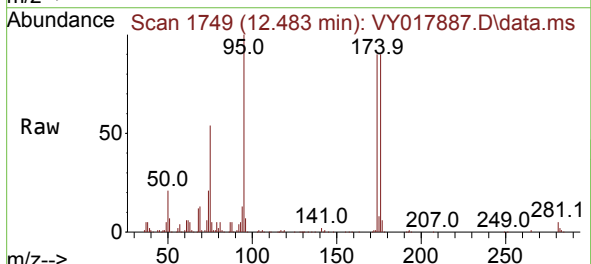
Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11

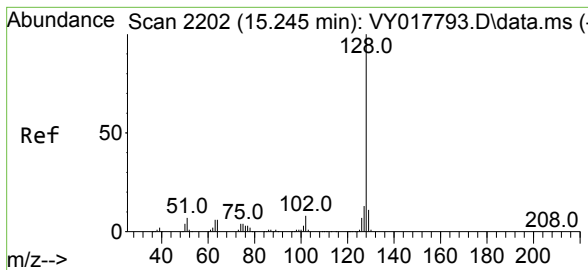
Tgt Ion: 75 Resp: 40451
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.914 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY017887.D
Acq: 09 Apr 2024 12:21

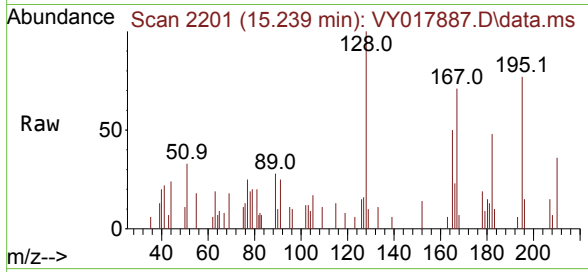
Tgt Ion: 75 Resp: 40451
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 1.988 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY017887.D
Acq: 09 Apr 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11



Tgt Ion:	128	Resp:	2066
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.6	16.0
129	11.4	8.6	13.0

