

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102121\
 Data File : VY006428.D
 Acq On : 21 Oct 2021 16:29
 Operator : SY/MD
 Sample : M4308-01
 Misc : 3.87G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 22 03:38:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

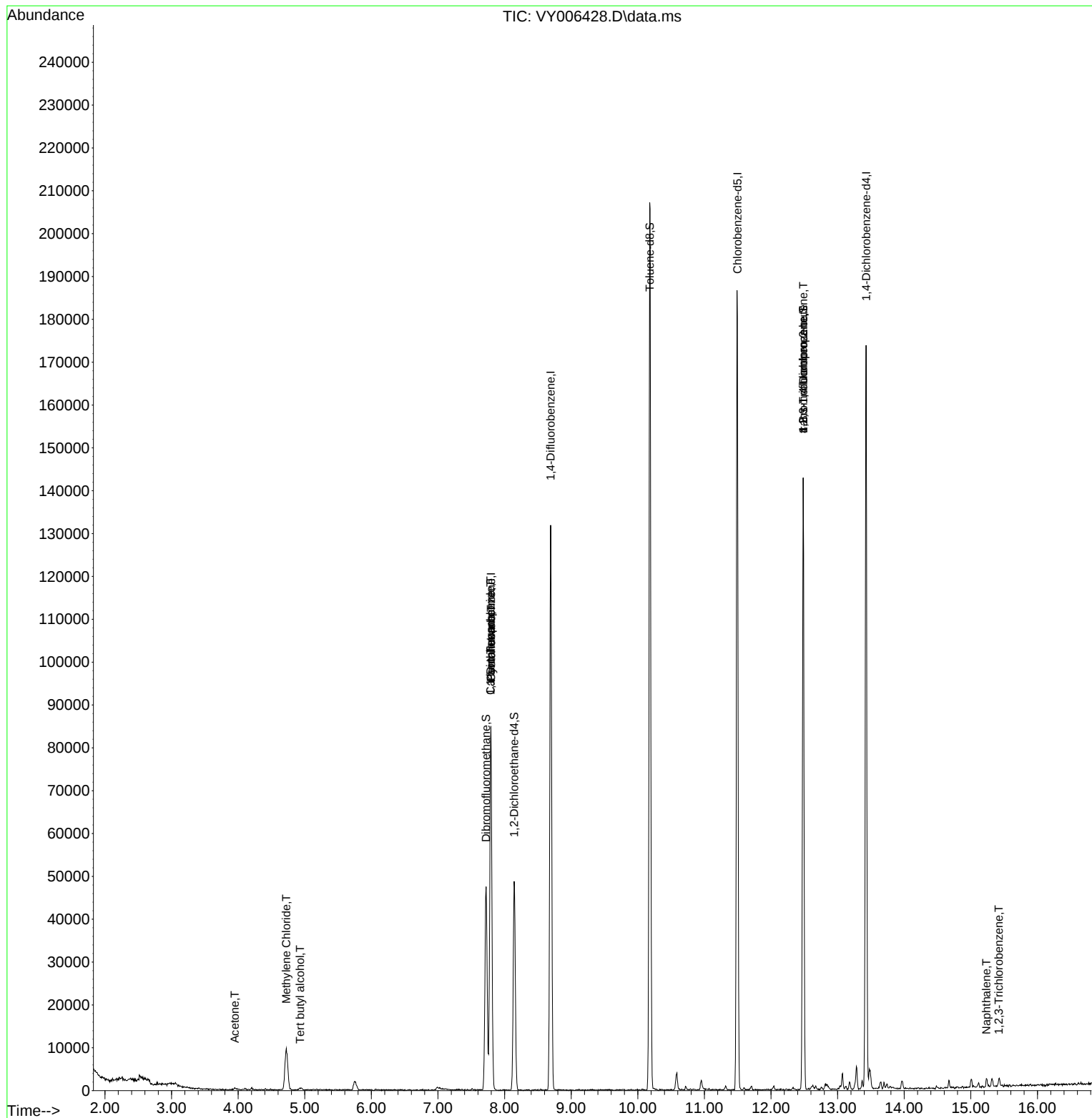
Internal Standards						
1) Pentafluorobenzene	7.795	168	66129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	106125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	97443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	42662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	40631	57.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.820%	
35) Dibromofluoromethane	7.722	113	31157	54.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.900%	
50) Toluene-d8	10.179	98	132409	55.800	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.600%	
62) 4-Bromofluorobenzene	12.483	95	38402	47.638	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	514	8.302	ug/l #	77
16) Acetone	3.948	43	366	1.851	ug/l #	82
20) Methylene Chloride	4.722	84	6907	6.909	ug/l #	94
31) Cyclohexane	7.795	56	1575	1.175	ug/l #	40
36) 1,1-Dichloropropene	7.789	75	5353	5.070	ug/l #	50
38) Carbon Tetrachloride	7.789	117	6261	5.615	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	22825	55.046	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	22825	108.173	ug/l #	7
95) Naphthalene	15.233	128	1784	1.095	ug/l	95
96) 1,2,3-Trichlorobenzene	15.422	180	803	1.105	ug/l	90

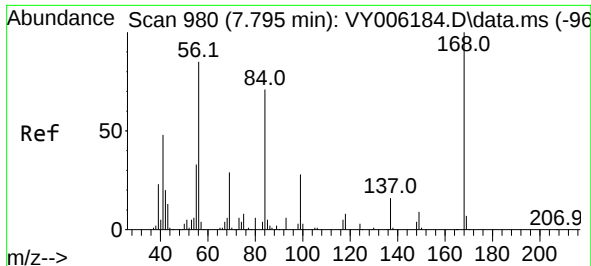
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102121\
Data File : VY006428.D
Acq On : 21 Oct 2021 16:29
Operator : SY/MD
Sample : M4308-01
Misc : 3.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

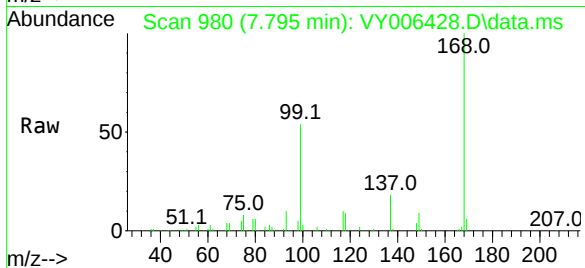
Quant Time: Oct 22 03:38:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration



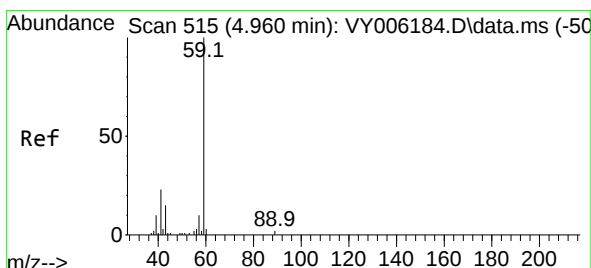
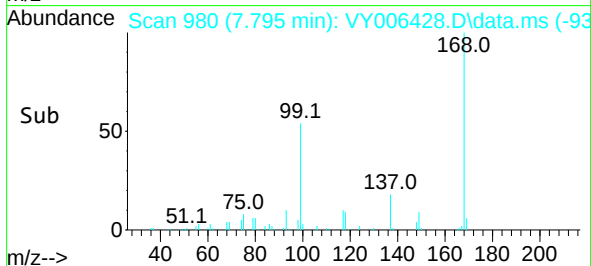
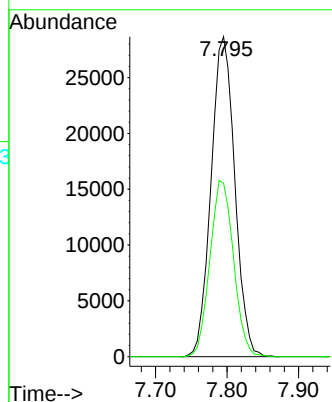


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29

Instrument :
MSVOA_Y
ClientSampled :

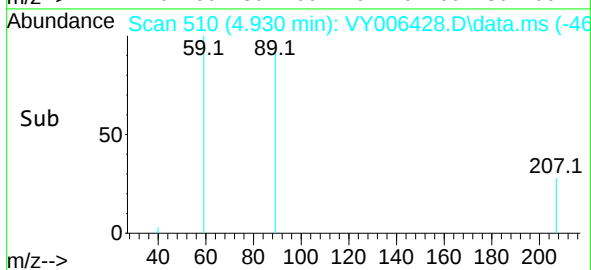
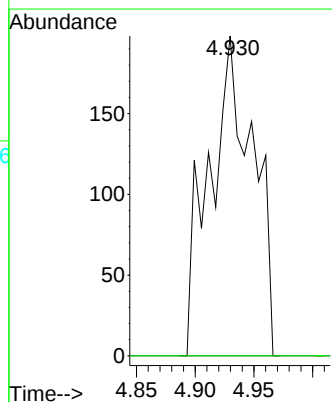
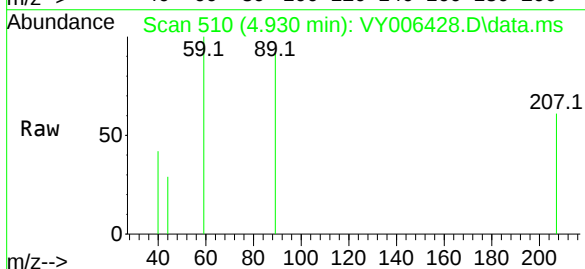


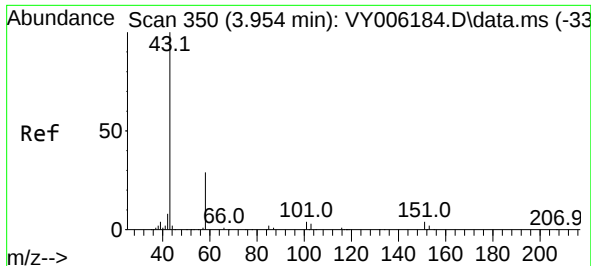
Tgt Ion:168 Resp: 66129
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 8.302 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.030 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29

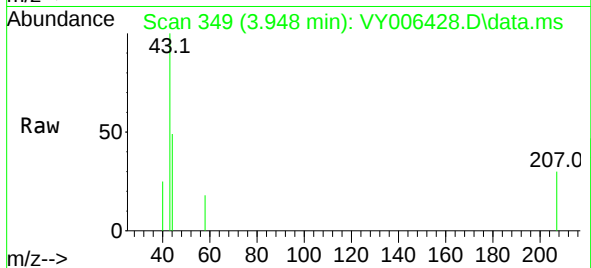
Tgt Ion: 59 Resp: 514
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



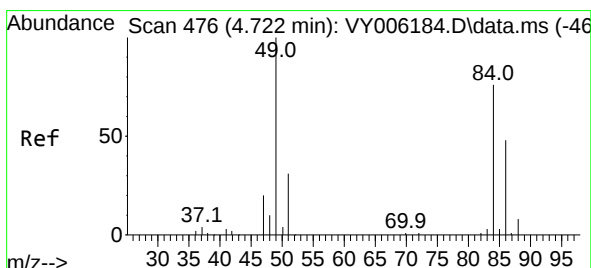
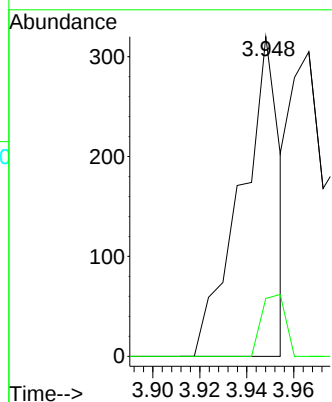
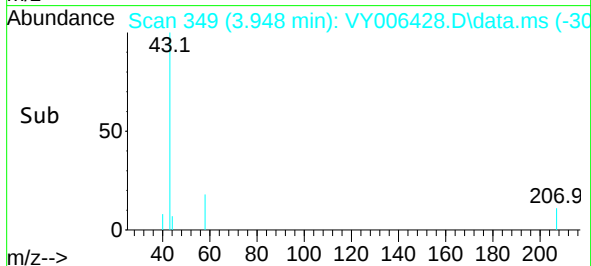


#16
Acetone
Concen: 1.851 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29

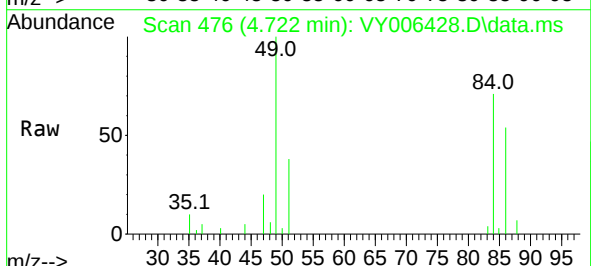
Instrument :
MSVOA_Y
ClientSampled :



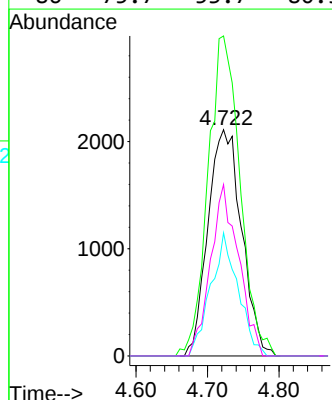
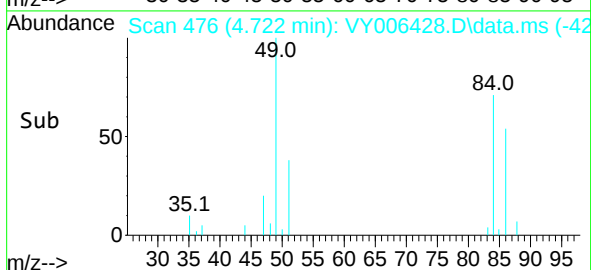
Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
58 18.1 22.0 33.0#

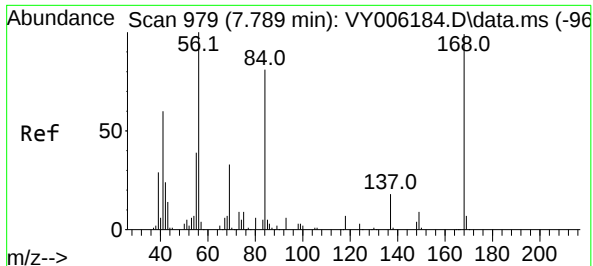


#20
Methylene Chloride
Concen: 6.909 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29



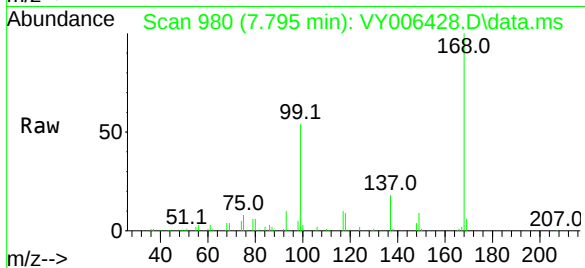
Tgt Ion: 84 Resp: 6907
Ion Ratio Lower Upper
84 100
49 141.5 114.4 171.6
51 54.4 35.3 52.9#
86 75.7 53.7 80.5



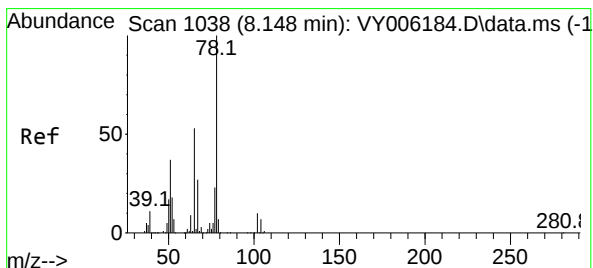
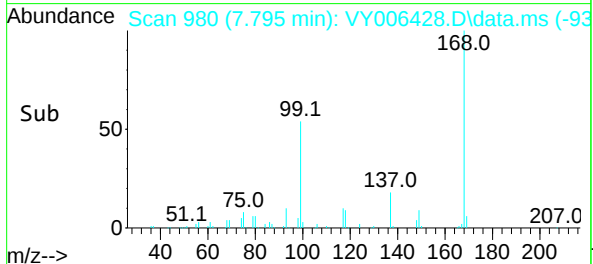
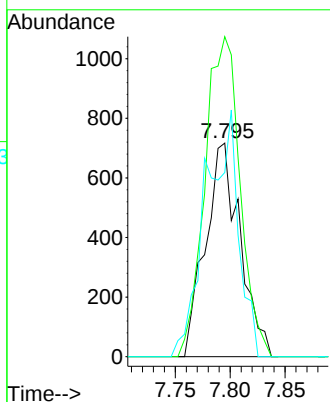


#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29

Instrument :
MSVOA_Y
ClientSampleId :

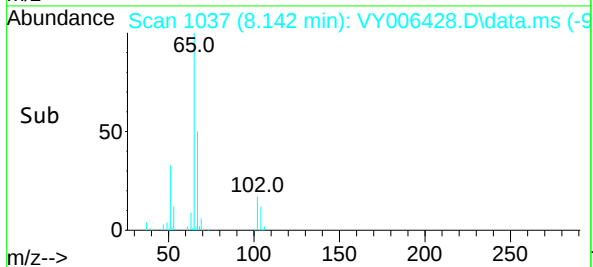
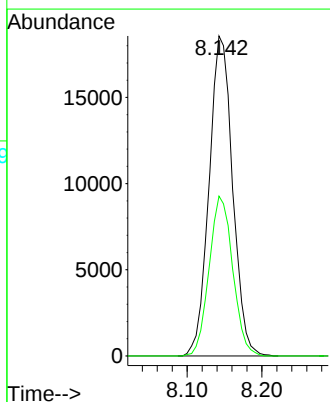
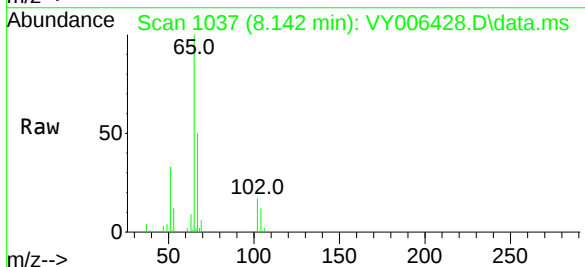


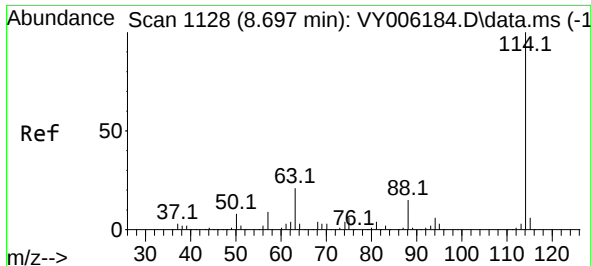
Tgt Ion: 56 Resp: 1575
Ion Ratio Lower Upper
56 100
69 149.8 26.7 40.1#
84 86.2 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 57.407 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29

Tgt Ion: 65 Resp: 40631
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.4

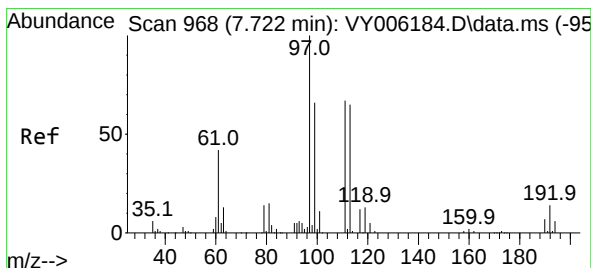
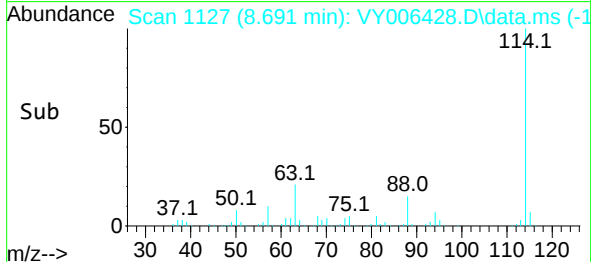
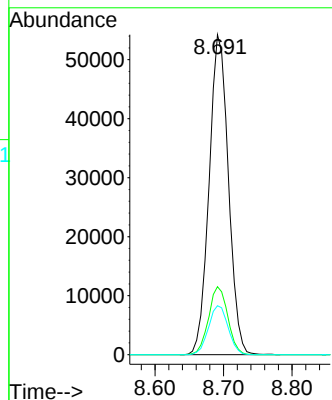
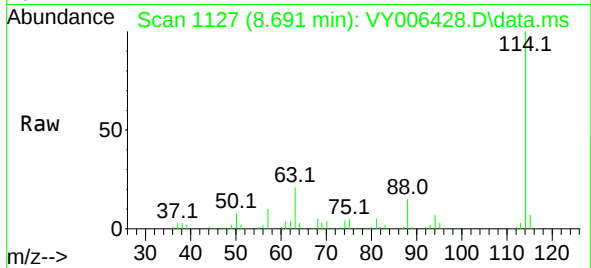




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29

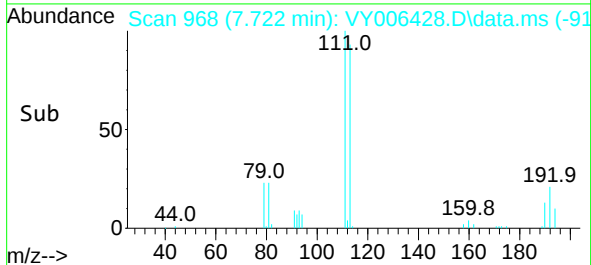
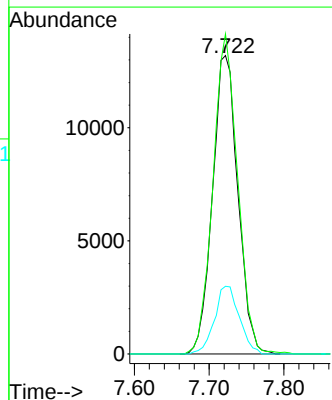
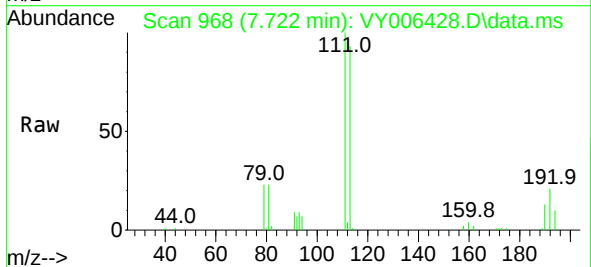
Instrument :
MSVOA_Y
ClientSampleId :

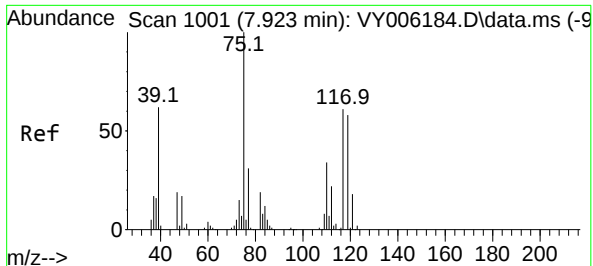
Tgt Ion:114 Resp: 106125
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.952 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29

Tgt Ion:113 Resp: 31157
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 22.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.070 ug/l

RT: 7.789 min Scan# 979

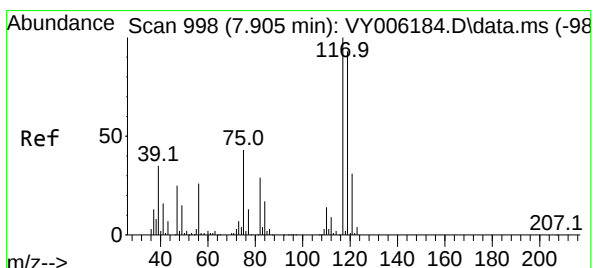
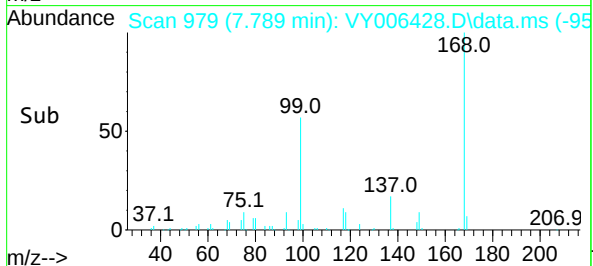
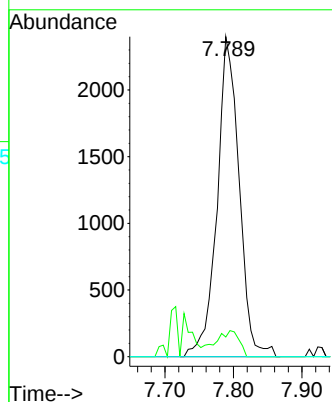
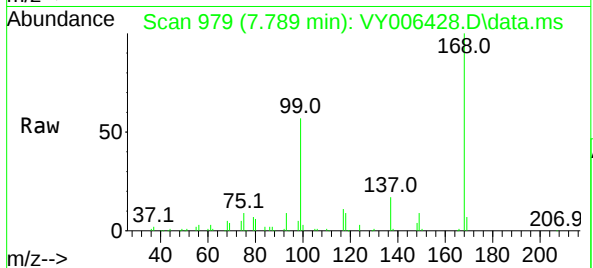
Delta R.T. -0.134 min

Lab File: VY006428.D

Acq: 21 Oct 2021 16:29

Tgt Ion:	75	Resp:	5353
Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.615 ug/l

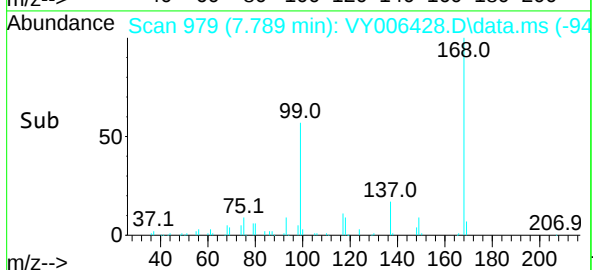
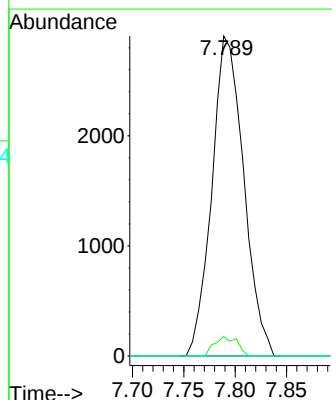
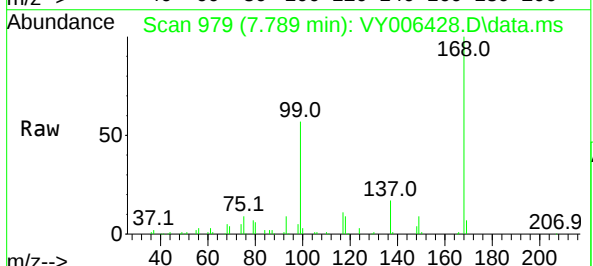
RT: 7.789 min Scan# 979

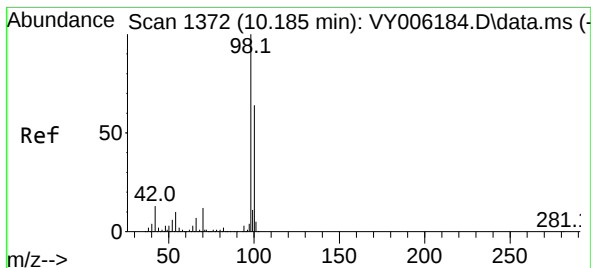
Delta R.T. -0.116 min

Lab File: VY006428.D

Acq: 21 Oct 2021 16:29

Tgt Ion:	117	Resp:	6261
Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.9	116.9#
121	0.0	24.8	37.2#

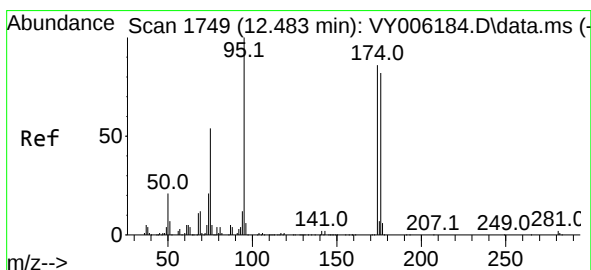
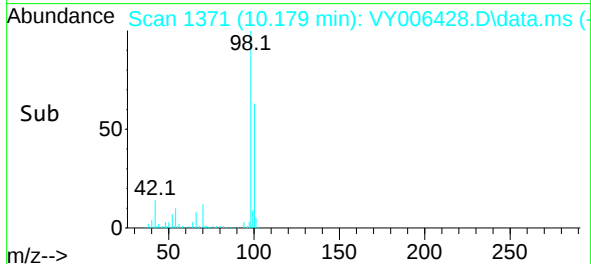
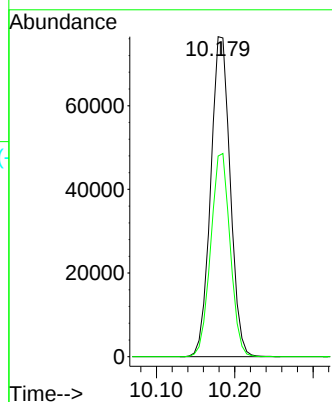
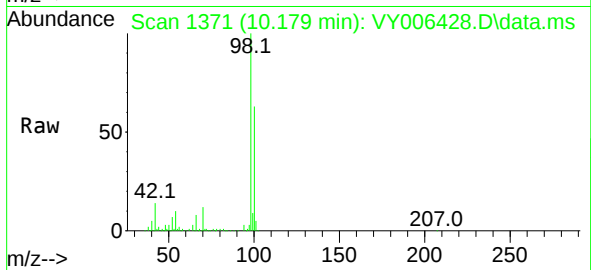




#50
Toluene-d8
Concen: 55.800 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29

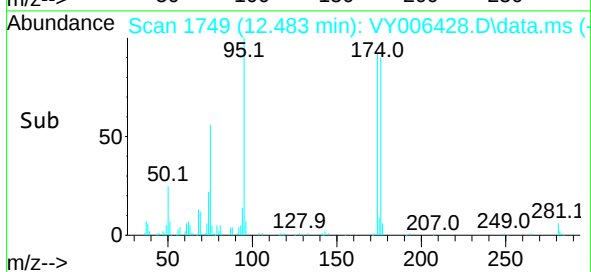
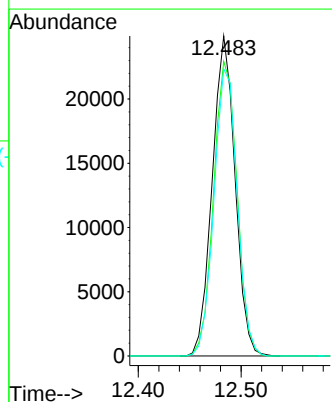
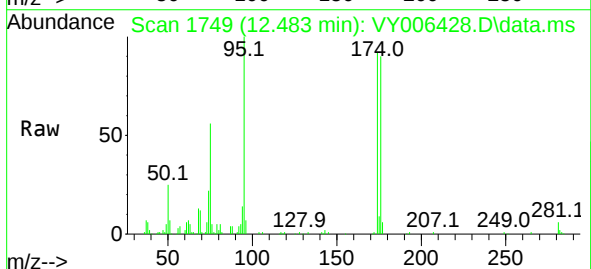
Instrument :
MSVOA_Y
ClientSampleId :

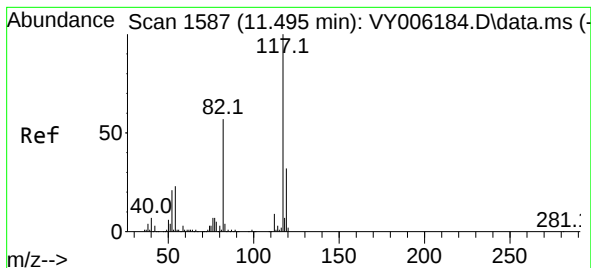
Tgt Ion: 98 Resp: 132409
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.638 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29

Tgt Ion: 95 Resp: 38402
Ion Ratio Lower Upper
95 100
174 94.4 0.0 177.0
176 91.3 0.0 175.8

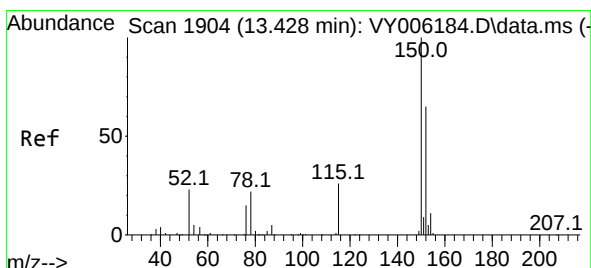
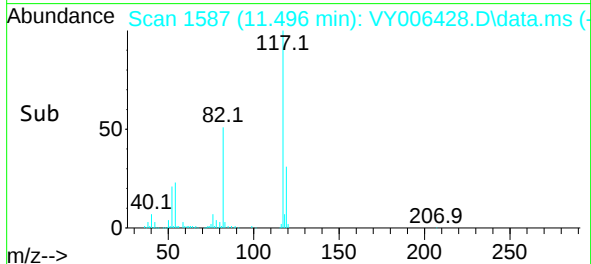
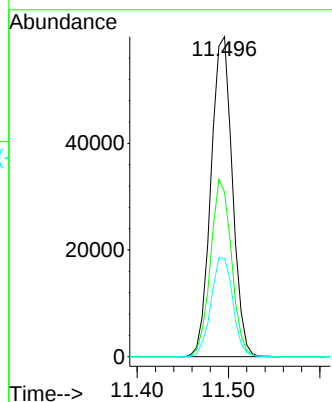
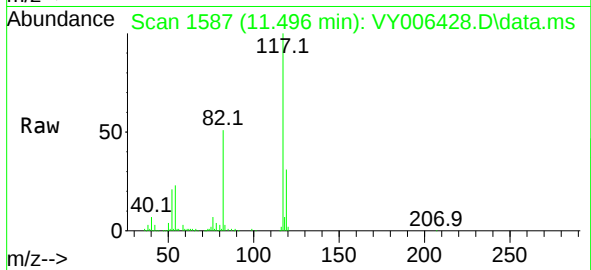




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29

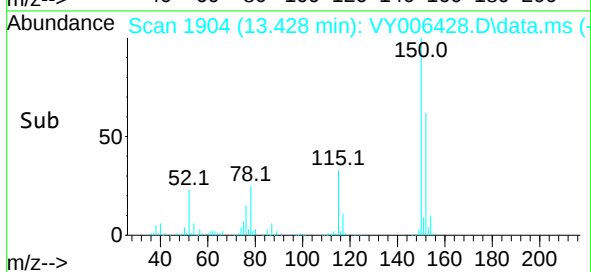
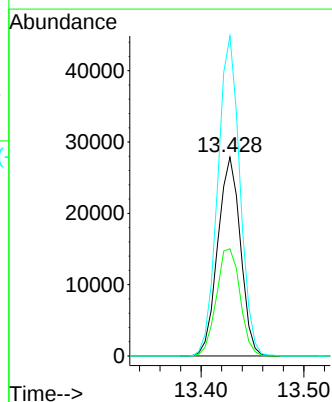
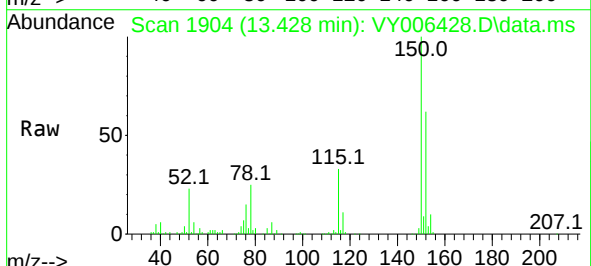
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	117	Resp:	97443
Ion Ratio	Lower	Upper	
117	100		
82	51.4	43.0	64.4
119	30.8	25.4	38.0

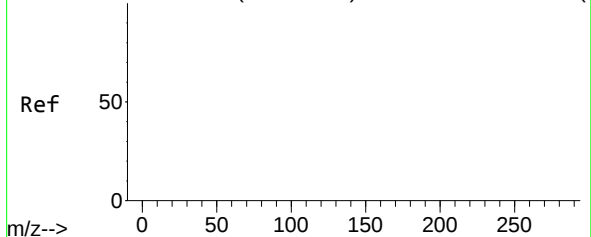


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29

Tgt Ion:	152	Resp:	42662
Ion Ratio	Lower	Upper	
152	100		
115	56.3	28.2	84.7
150	156.8	0.0	347.6



Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-

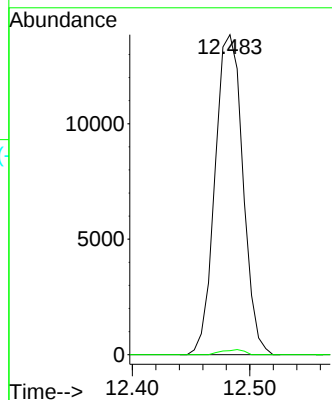
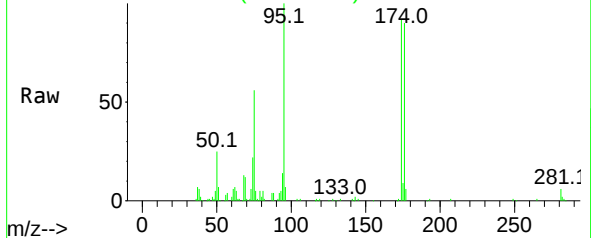


#76
1,2,3-Trichloropropane
Concen: 55.046 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29

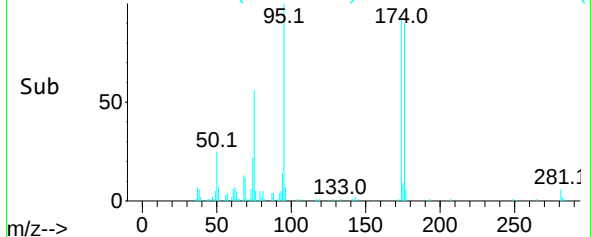
Tgt Ion: 75 Resp: 22825
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

Instrument :
MSVOA_Y
ClientSampled :

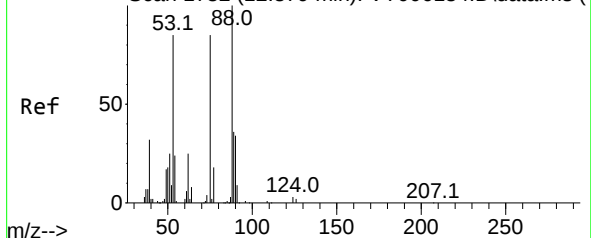
Abundance Scan 1749 (12.483 min): VY006428.D\data.ms (-



Abundance Scan 1749 (12.483 min): VY006428.D\data.ms (-



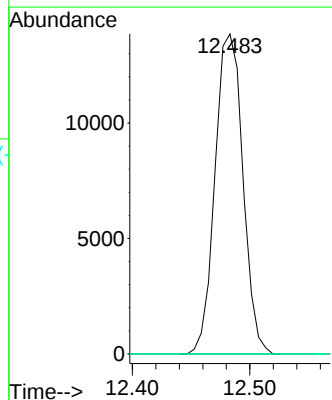
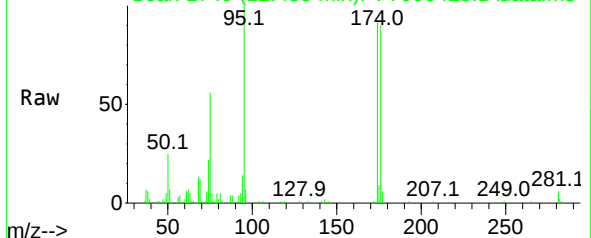
Abundance Scan 1732 (12.379 min): VY006184.D\data.ms (-



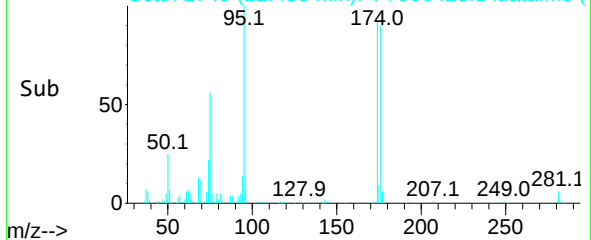
#81
trans-1,4-Dichloro-2-butene
Concen: 108.173 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29

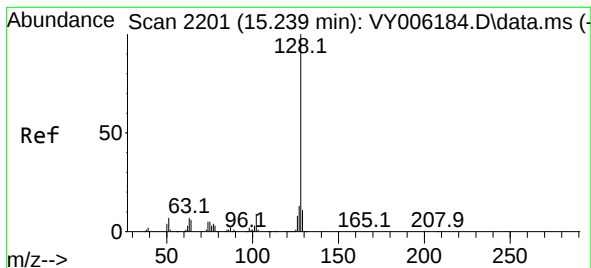
Tgt Ion: 75 Resp: 22825
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

Abundance Scan 1749 (12.483 min): VY006428.D\data.ms (-



Abundance Scan 1749 (12.483 min): VY006428.D\data.ms (-

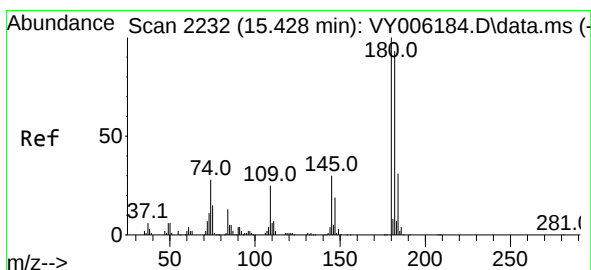
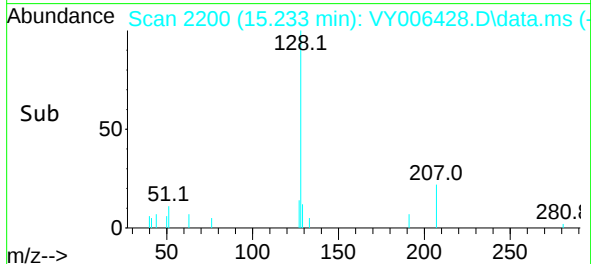
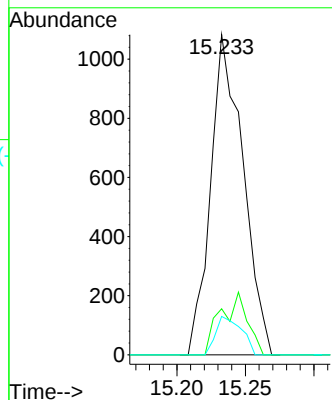
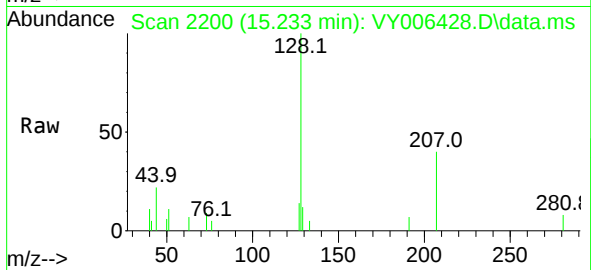




#95
Naphthalene
Concen: 1.095 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 1784
Ion Ratio Lower Upper
128 100
127 16.1 11.0 16.4
129 9.5 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 1.105 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY006428.D
Acq: 21 Oct 2021 16:29

Tgt Ion:180 Resp: 803
Ion Ratio Lower Upper
180 100
182 101.4 47.3 141.9
145 20.8 15.3 45.9

