

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006167.D
 Acq On : 27 Sep 2021 16:44
 Operator : SY/MD
 Sample : M3916-01RE
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONC-1RE

Quant Time: Sep 28 06:21:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

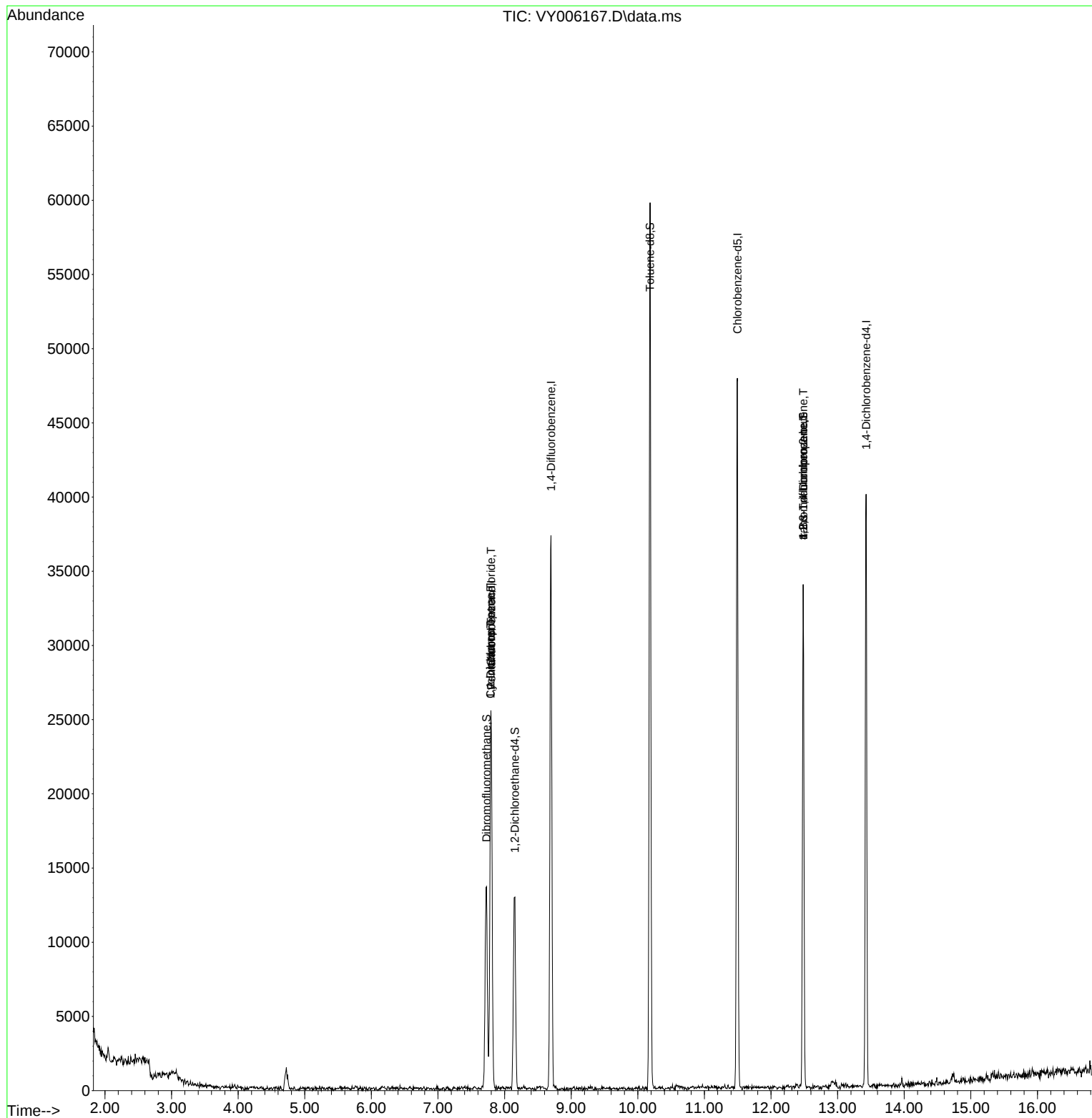
Internal Standards						
1) Pentafluorobenzene	7.801	168	20929	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	30954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	25911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	11592	39.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.740%
35) Dibromofluoromethane	7.728	113	9075	47.202	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.400%
50) Toluene-d8	10.185	98	38208	46.628	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.260%
62) 4-Bromofluorobenzene	12.483	95	9392	33.759	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.520%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	875	Below Cal		93
31) Cyclohexane	7.789	56	474	1.018	ug/l #	68
36) 1,1-Dichloropropene	7.789	75	1574	4.711	ug/l #	44
38) Carbon Tetrachloride	7.795	117	2105	5.787	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	5632	50.146	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5632	92.194	ug/l #	7

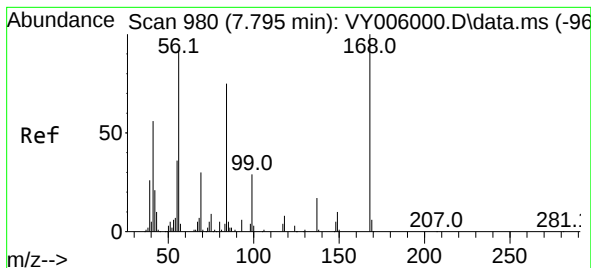
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

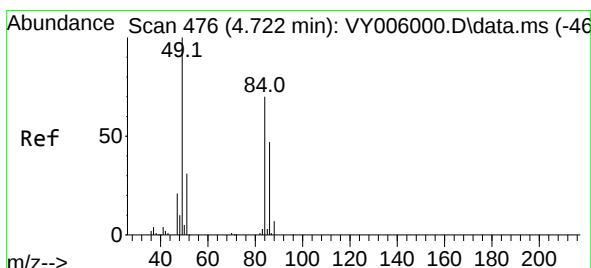
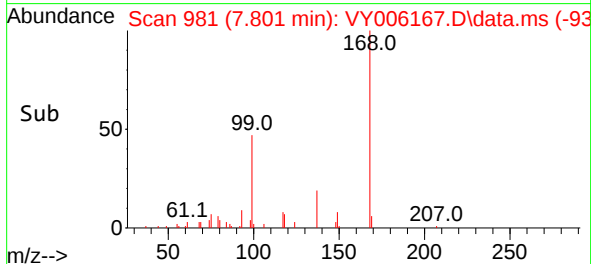
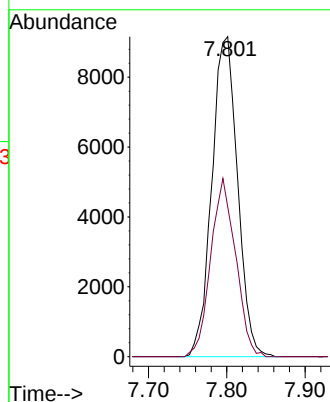
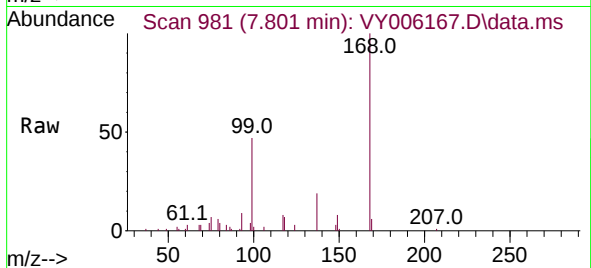
Lab File: VY006167.D

Acq: 27 Sep 2021 16:44

Tgt Ion:168 Resp: 20929

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
168	100		
99	46.9	46.9	70.3



#20

Methylene Chloride

Concen: Below Cal

RT: 4.728 min Scan# 477

Delta R.T. 0.006 min

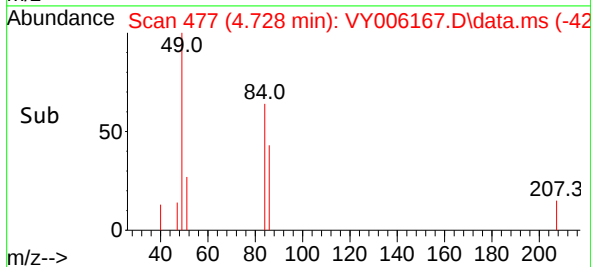
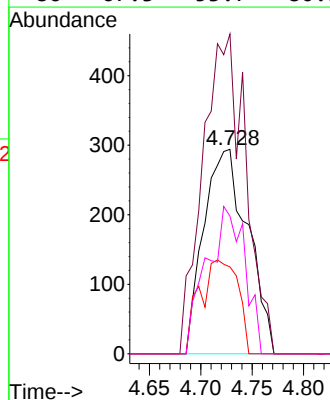
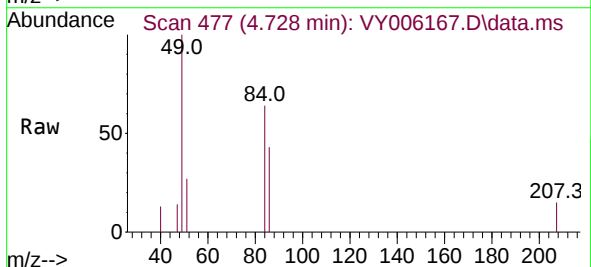
Lab File: VY006167.D

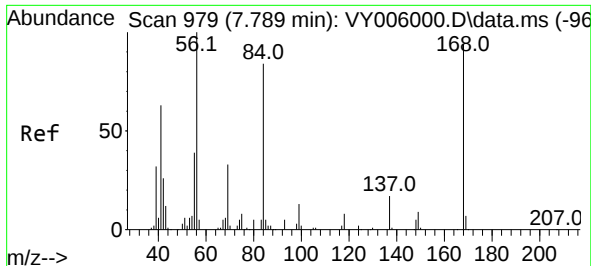
Acq: 27 Sep 2021 16:44

Tgt Ion: 84 Resp: 875

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
84	100		
49	156.5	114.4	171.6
51	42.5	35.3	52.9
86	67.3	53.7	80.5

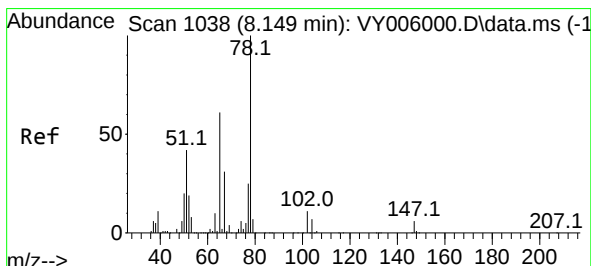
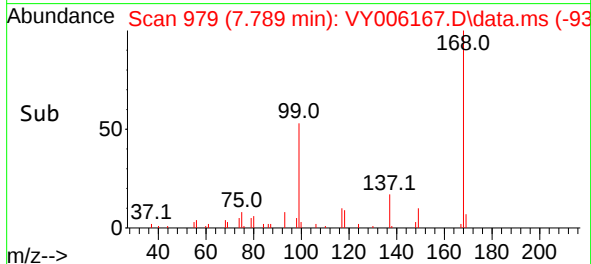
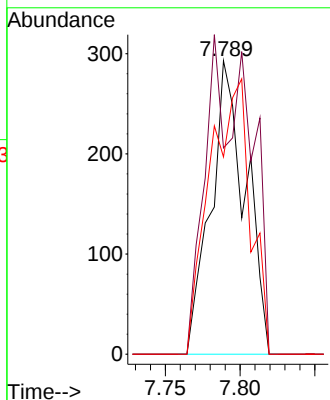
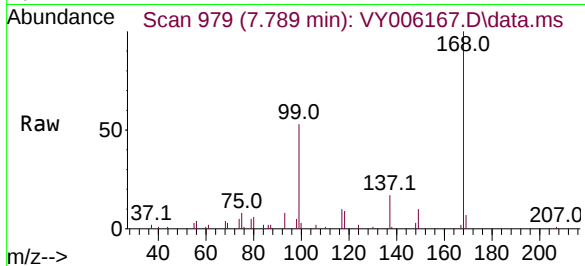




#31
Cyclohexane
Concen: 1.018 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006167.D
Acq: 27 Sep 2021 16:44

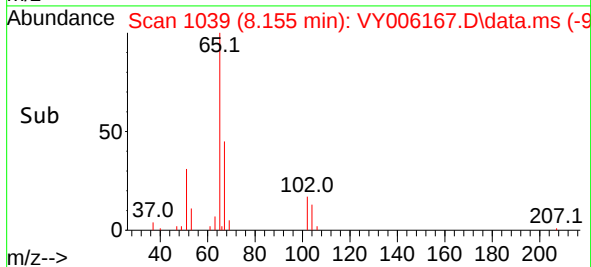
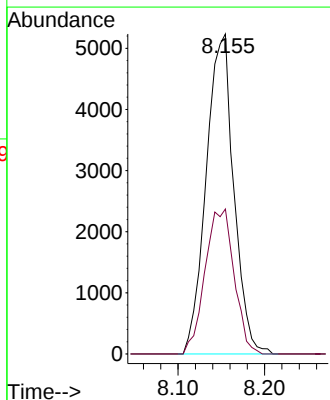
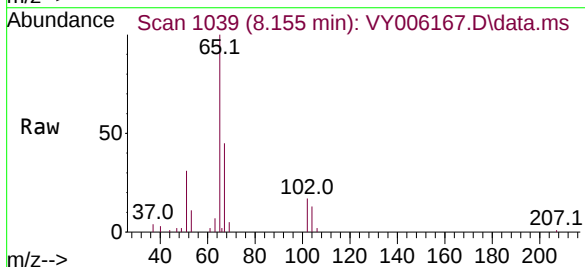
Instrument :
MSVOA_Y
ClientSampleId :
CONC-1RE

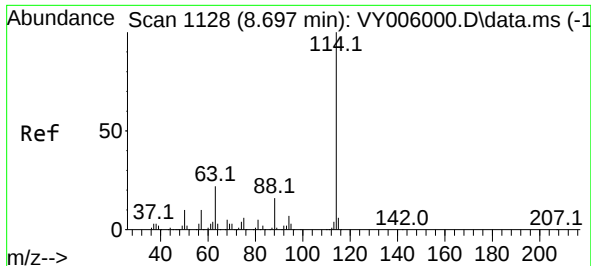
Tgt Ion: 56 Resp: 474
Ion Ratio Lower Upper
56 100
69 70.3 26.7 40.1#
84 67.2 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 39.874 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY006167.D
Acq: 27 Sep 2021 16:44

Tgt Ion: 65 Resp: 11592
Ion Ratio Lower Upper
65 100
67 47.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006167.D

Acq: 27 Sep 2021 16:44

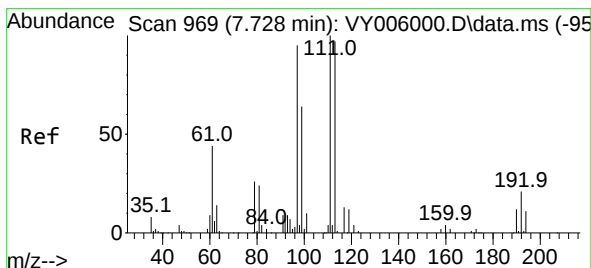
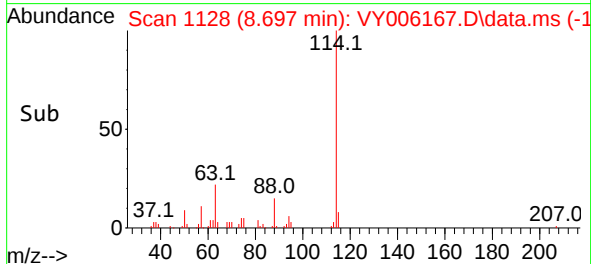
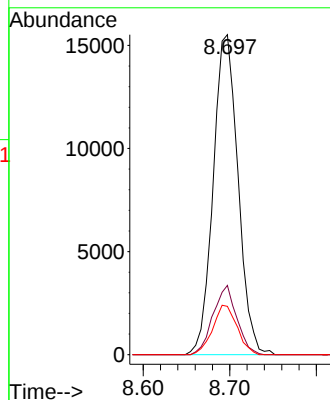
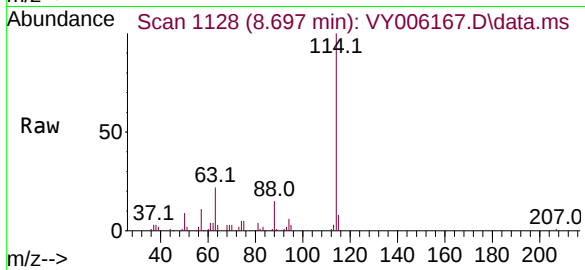
Instrument :

MSVOA_Y

ClientSampleId :

CONC-1RE

Tgt Ion:114	Resp:	30954
Ion	Ratio	Lower Upper
114	100	
63	21.6	0.0 43.2
88	15.1	0.0 31.8



#35

Dibromofluoromethane

Concen: 47.202 ug/l

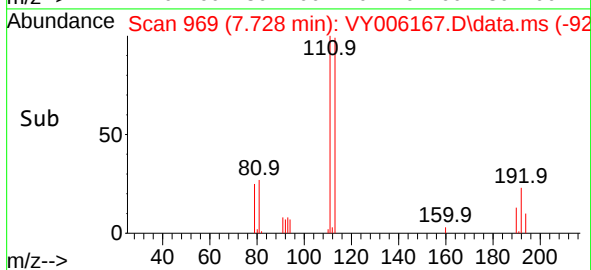
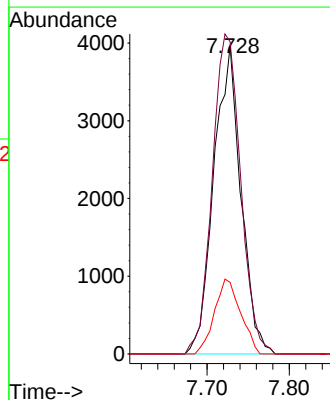
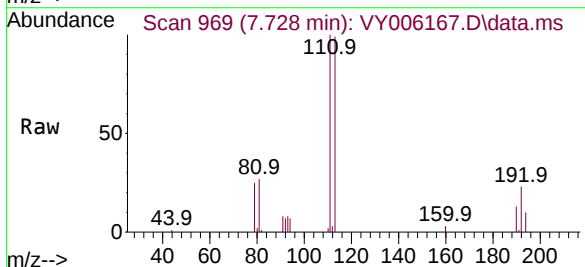
RT: 7.728 min Scan# 969

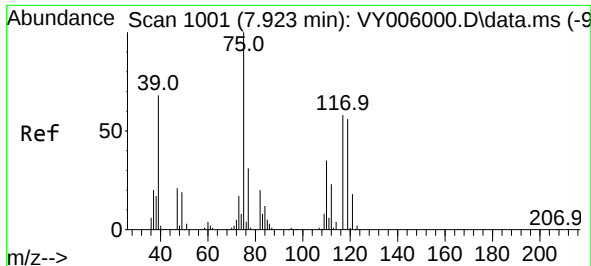
Delta R.T. -0.000 min

Lab File: VY006167.D

Acq: 27 Sep 2021 16:44

Tgt Ion:113	Resp:	9075
Ion	Ratio	Lower Upper
113	100	
111	108.9	82.6 124.0
192	23.3	17.6 26.4

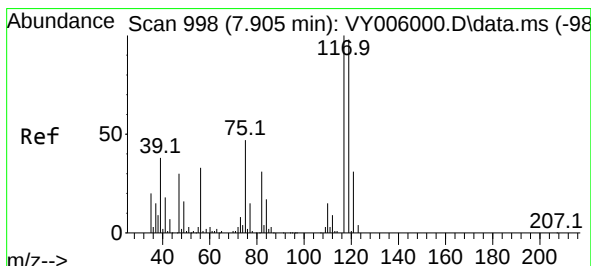
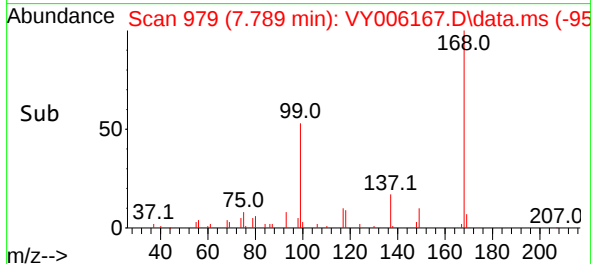
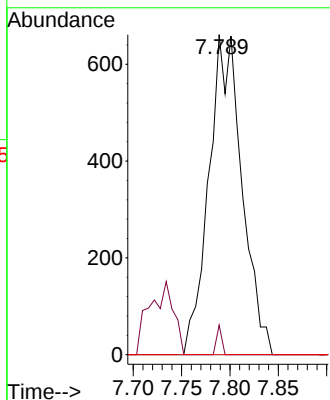
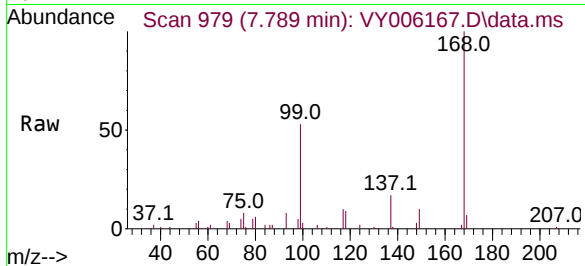




#36
1,1-Dichloropropene
Concen: 4.711 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006167.D
Acq: 27 Sep 2021 16:44

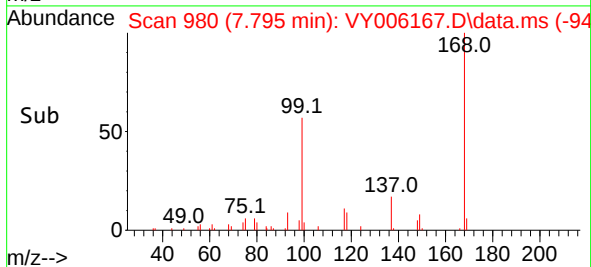
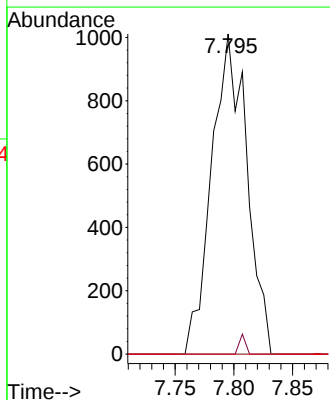
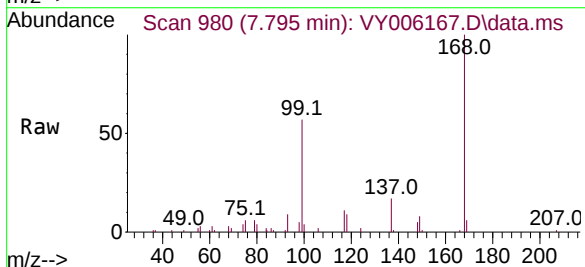
Instrument :
MSVOA_Y
ClientSampleId :
CONC-1RE

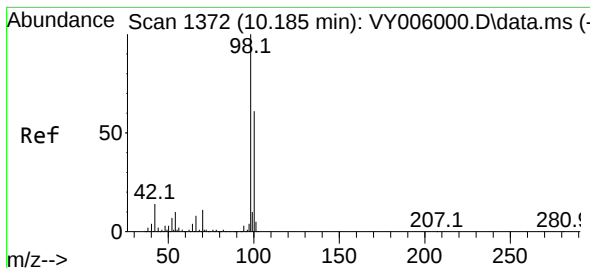
Tgt Ion: 75 Resp: 1574
Ion Ratio Lower Upper
75 100
110 1.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.787 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006167.D
Acq: 27 Sep 2021 16:44

Tgt Ion: 117 Resp: 2105
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

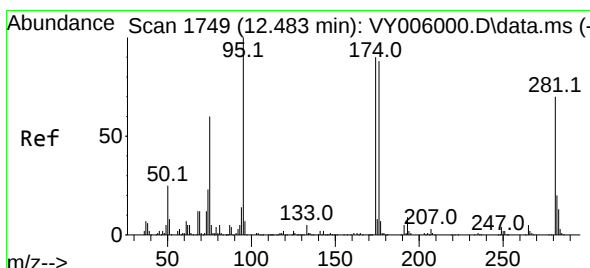
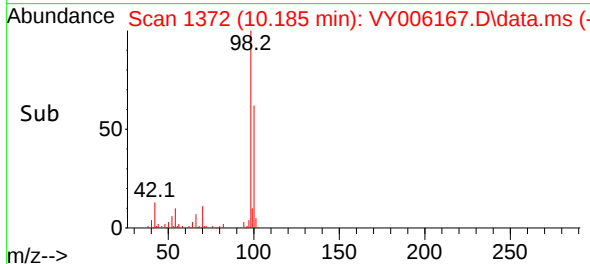
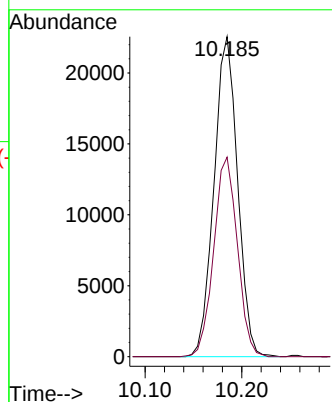
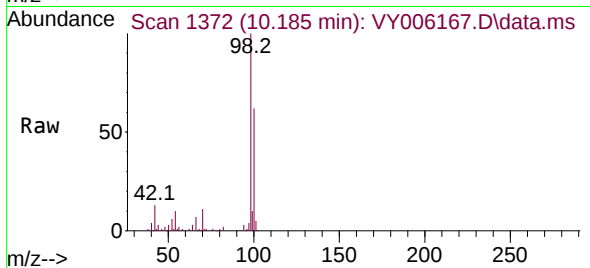




#50
Toluene-d8
Concen: 46.628 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006167.D
Acq: 27 Sep 2021 16:44

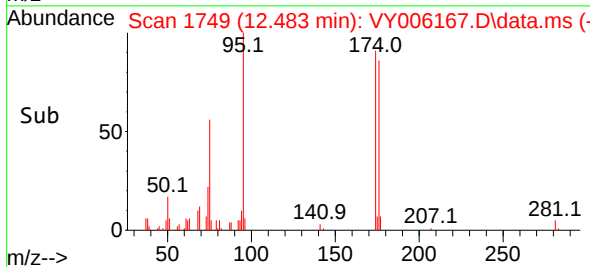
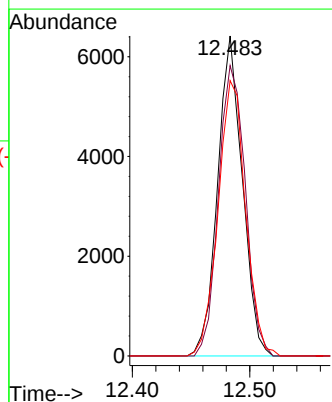
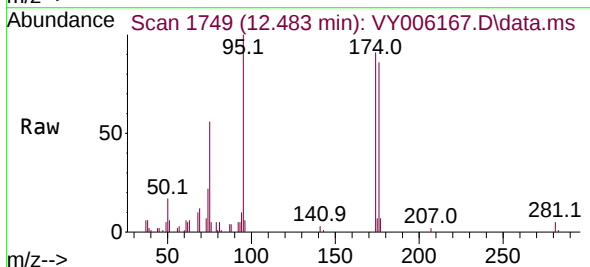
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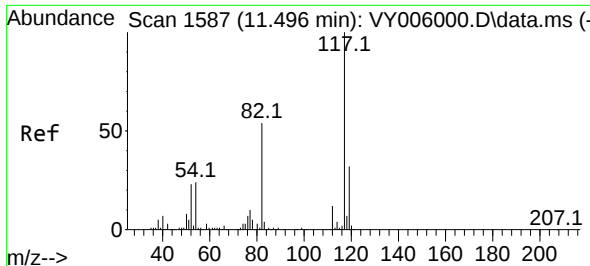
Tgt Ion: 98 Resp: 38208
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.759 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006167.D
Acq: 27 Sep 2021 16:44

Tgt Ion: 95 Resp: 9392
Ion Ratio Lower Upper
95 100
174 98.1 0.0 177.0
176 95.6 0.0 175.8

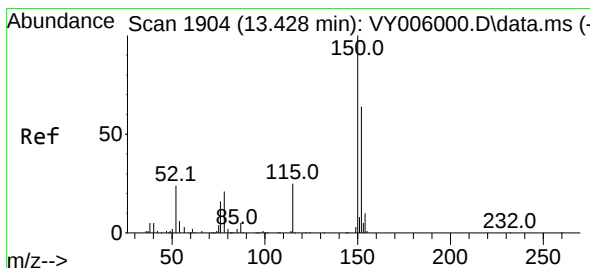
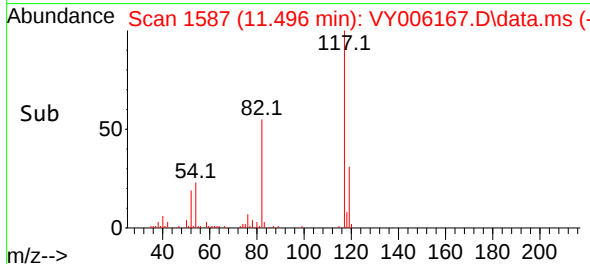
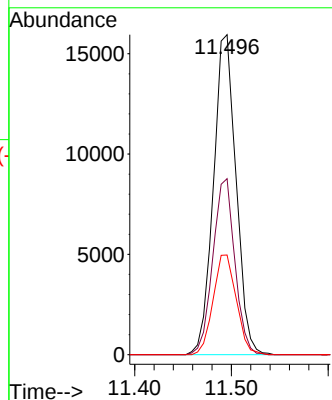
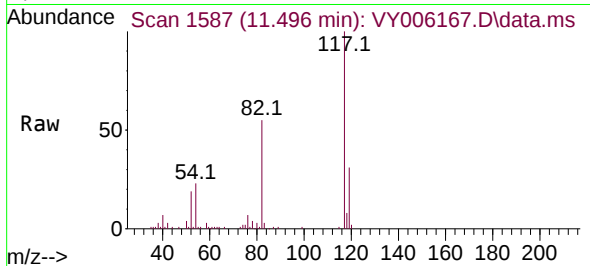




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006167.D
Acq: 27 Sep 2021 16:44

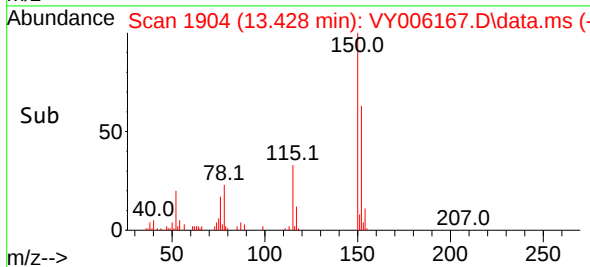
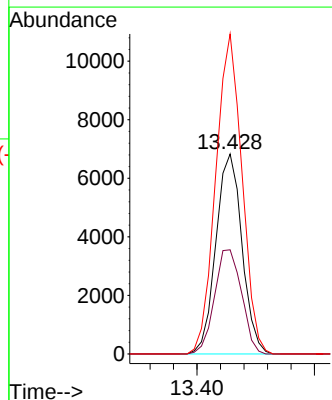
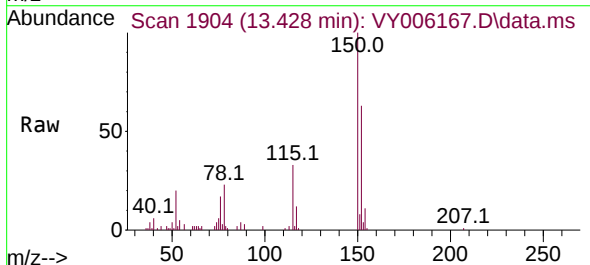
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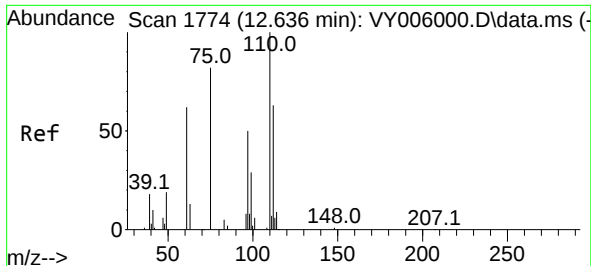
Tgt Ion:	117	Resp:	25911
Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.0	64.4
119	31.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006167.D
Acq: 27 Sep 2021 16:44

Tgt Ion:	152	Resp:	10534
Ion	Ratio	Lower	Upper
152	100		
115	53.9	28.2	84.7
150	161.1	0.0	347.6

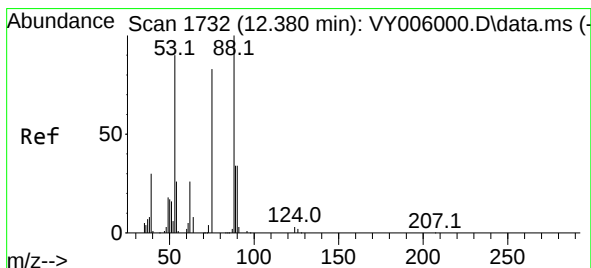
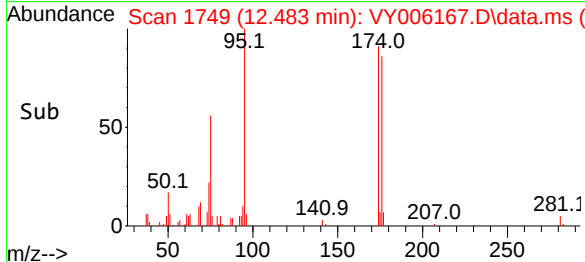
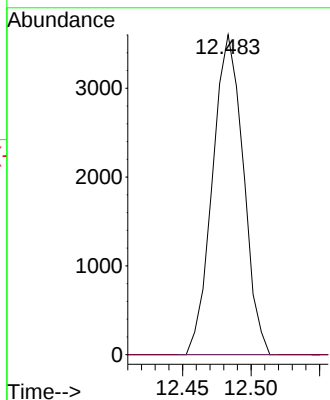
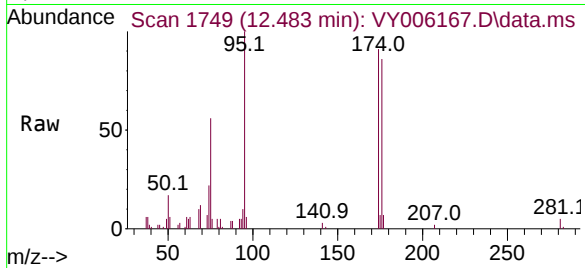




#76
1,2,3-Trichloropropane
Concen: 50.146 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006167.D
Acq: 27 Sep 2021 16:44

Instrument :
MSVOA_Y
ClientSampleId :
CONC-1RE

Tgt Ion: 75 Resp: 5632
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 92.194 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006167.D
Acq: 27 Sep 2021 16:44

Tgt Ion: 75 Resp: 5632
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

