

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006139.D
 Acq On : 24 Sep 2021 15:32
 Operator : SY/MD
 Sample : M3917-07
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10

Quant Time: Sep 25 05:45:28 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)

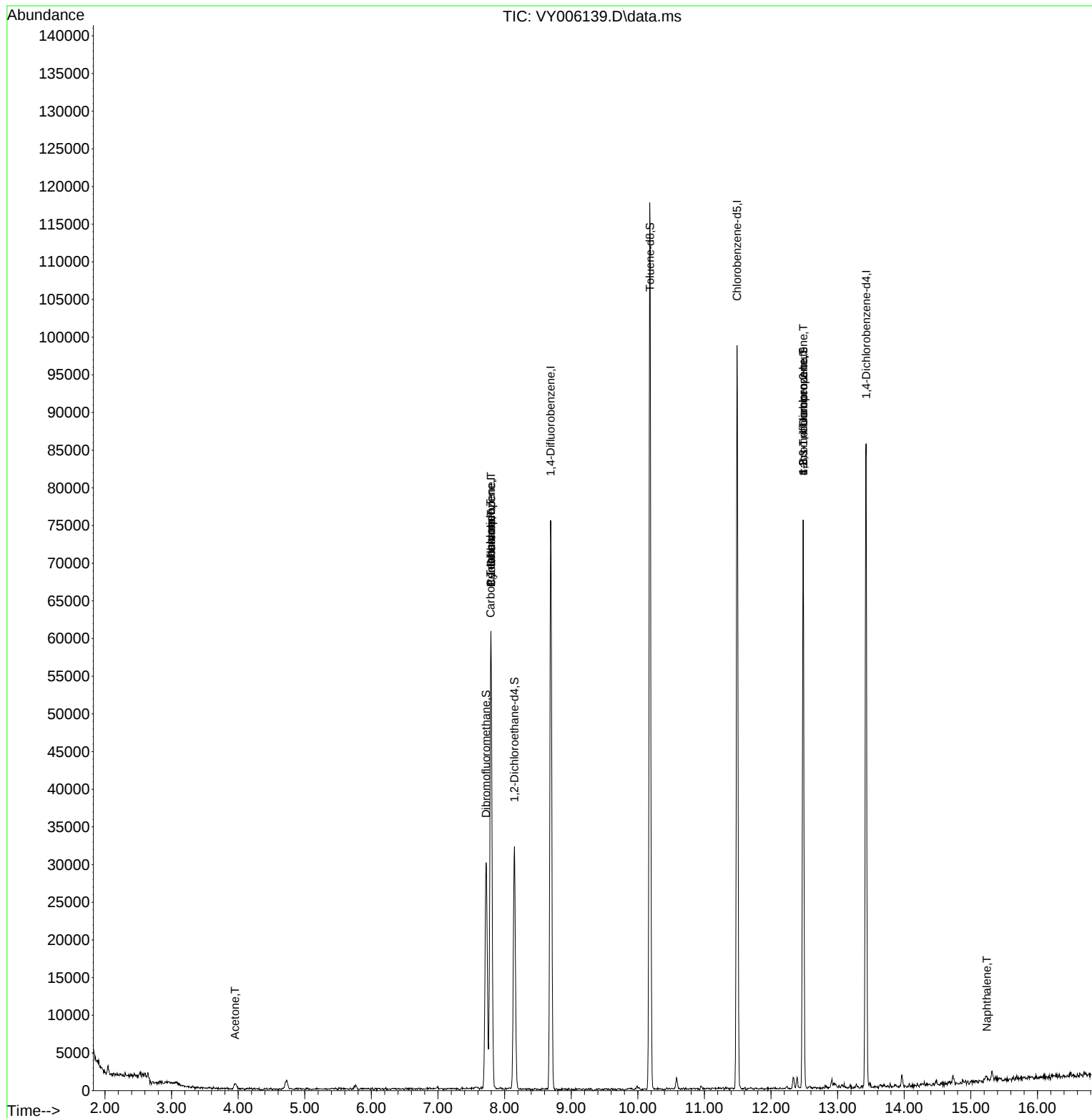
Internal Standards						
1) Pentafluorobenzene	7.795	168	47059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	62881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	51347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	26366	40.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.660%
35) Dibromofluoromethane	7.722	113	20319	52.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.040%
50) Toluene-d8	10.185	98	76101	45.717	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.440%
62) 4-Bromofluorobenzene	12.483	95	20316	35.947	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.900%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1301	7.256	ug/l	100
20) Methylene Chloride	4.729	84	552	Below Cal	#	64
31) Cyclohexane	7.795	56	1073	1.025	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	3678	5.419	ug/l #	52
38) Carbon Tetrachloride	7.789	117	4625	6.260	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	11256	46.846	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11256	86.127	ug/l #	7
95) Naphthalene	15.239	128	935	1.038	ug/l #	80

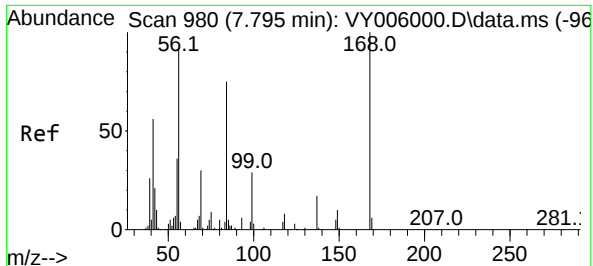
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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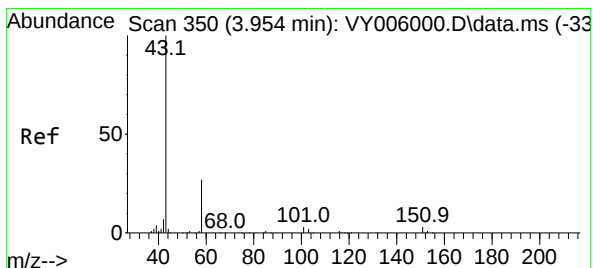
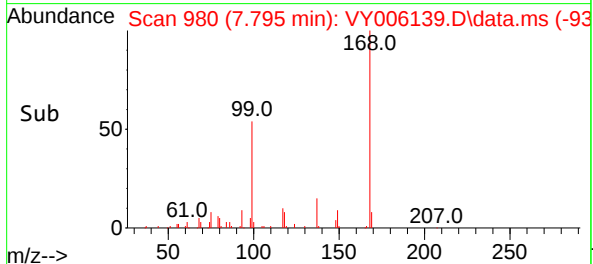
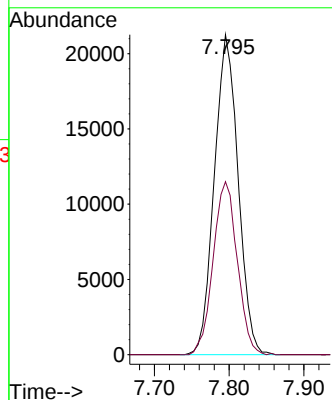
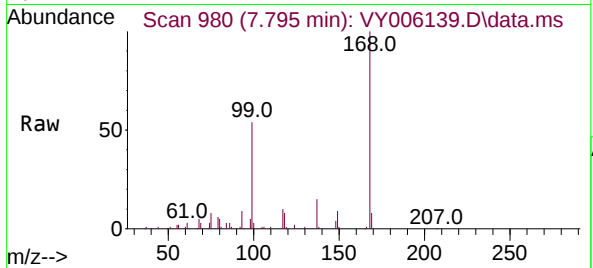




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006139.D
Acq: 24 Sep 2021 15:32

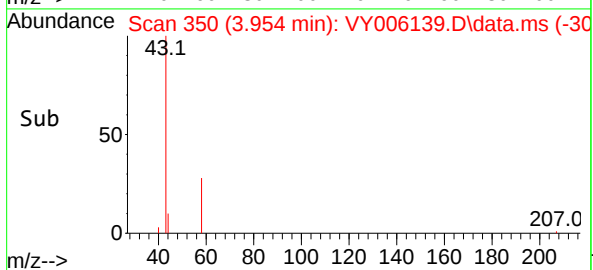
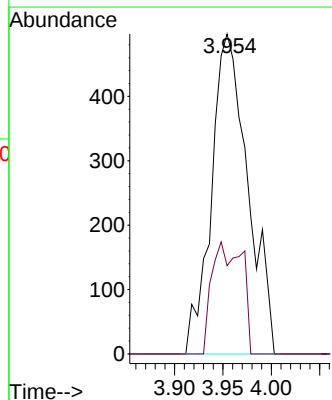
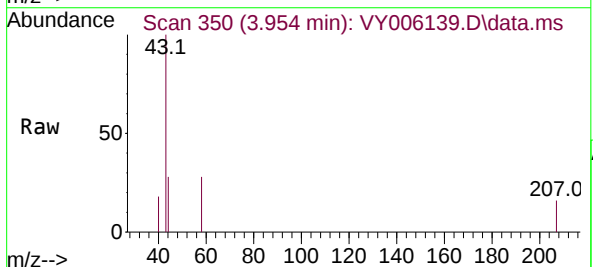
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

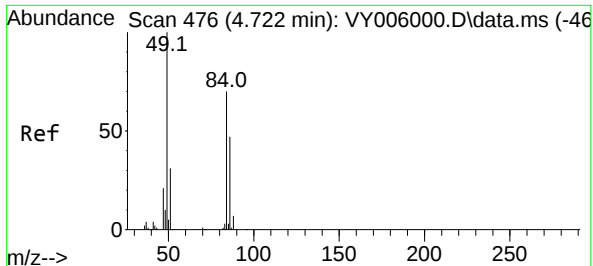
Tgt Ion:168 Resp: 47059
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#16
Acetone
Concen: 7.256 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006139.D
Acq: 24 Sep 2021 15:32

Tgt Ion: 43 Resp: 1301
Ion Ratio Lower Upper
43 100
58 27.6 22.0 33.0

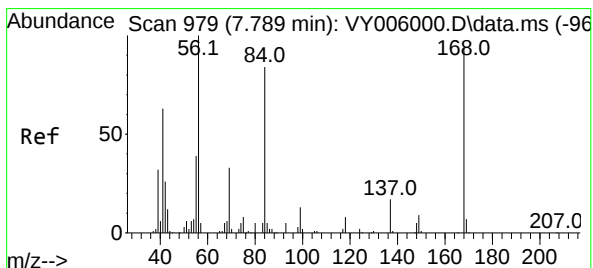
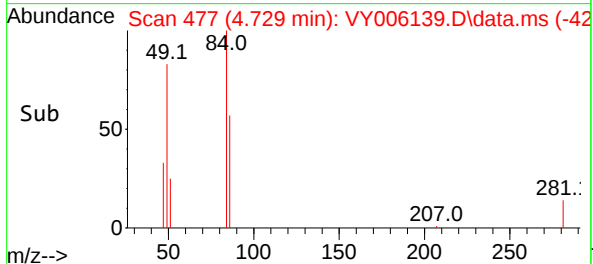
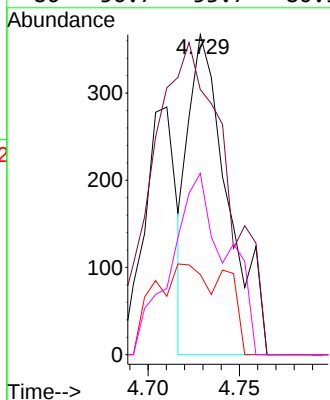
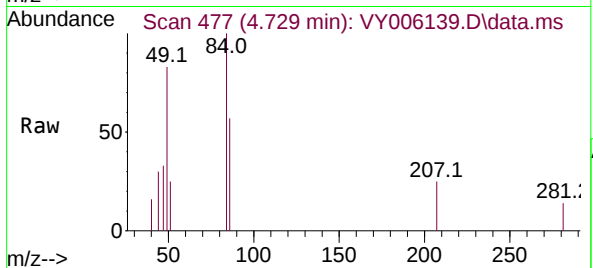




#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006139.D
Acq: 24 Sep 2021 15:32

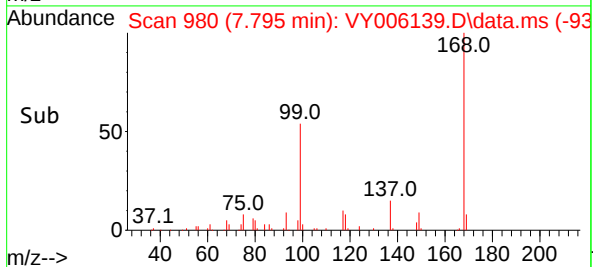
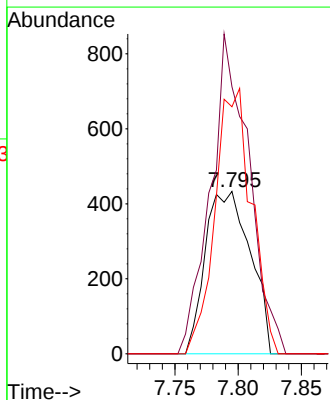
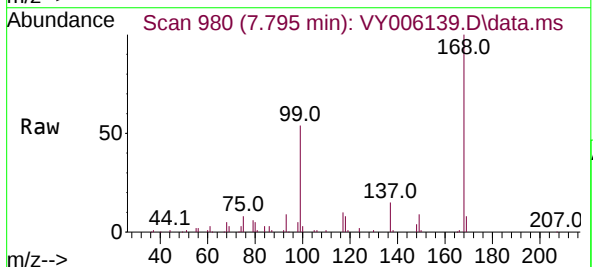
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

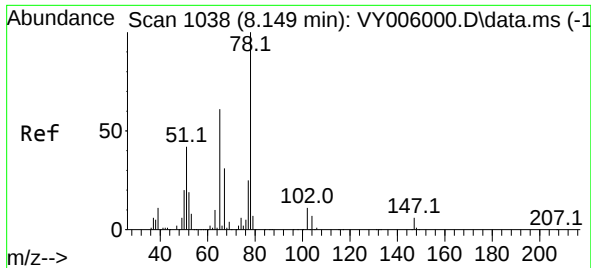
Tgt Ion:	84	Resp:	552
Ion	Ratio	Lower	Upper
84	100		
49	82.8	114.4	171.6#
51	25.1	35.3	52.9#
86	56.7	53.7	80.5



#31
Cyclohexane
Concen: 1.025 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006139.D
Acq: 24 Sep 2021 15:32

Tgt Ion:	56	Resp:	1073
Ion	Ratio	Lower	Upper
56	100		
69	164.4	26.7	40.1#
84	152.2	67.2	100.8#

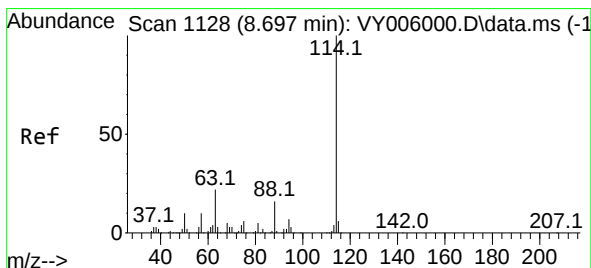
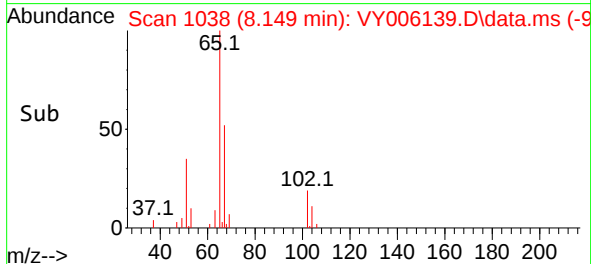
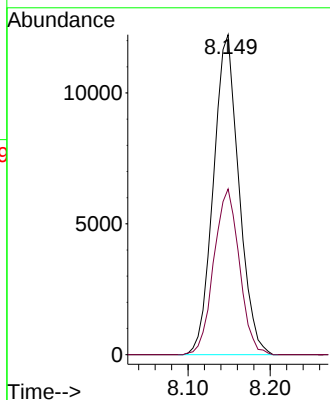
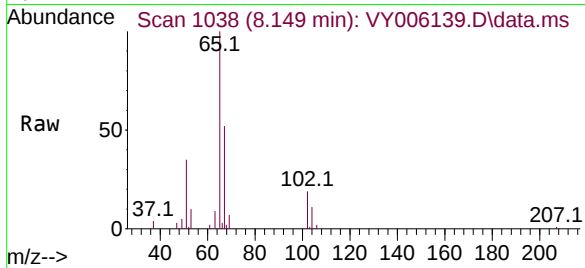




#33
1,2-Dichloroethane-d4
Concen: 40.335 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006139.D
Acq: 24 Sep 2021 15:32

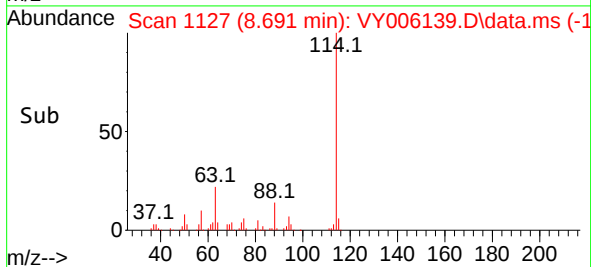
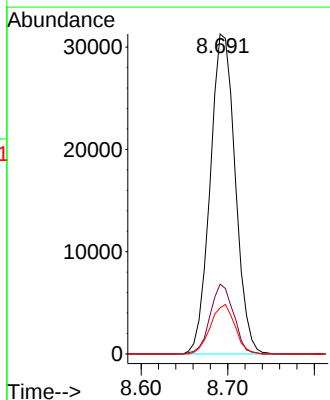
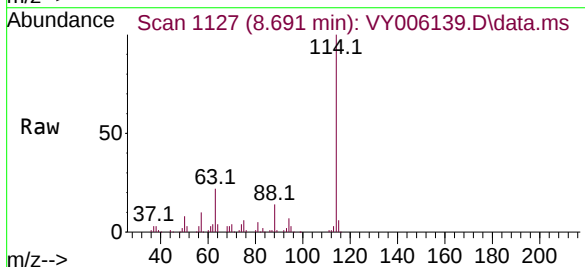
Instrument :
MSVOA_Y
ClientSampled :
TP-10

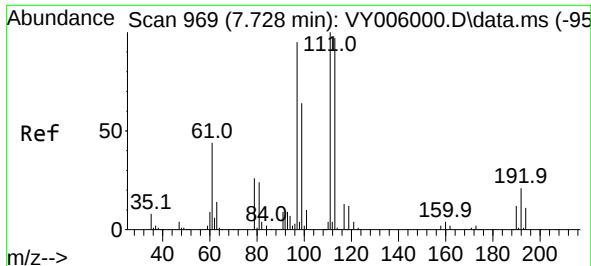
Tgt Ion: 65 Resp: 26366
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006139.D
Acq: 24 Sep 2021 15:32

Tgt Ion: 114 Resp: 62881
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.2
88 14.4 0.0 31.8

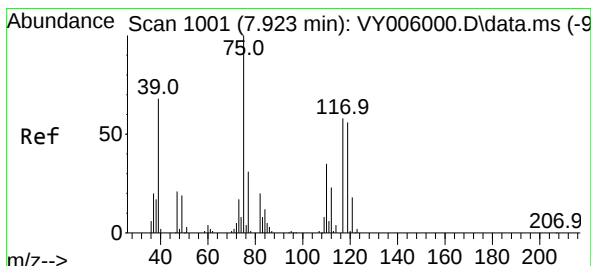
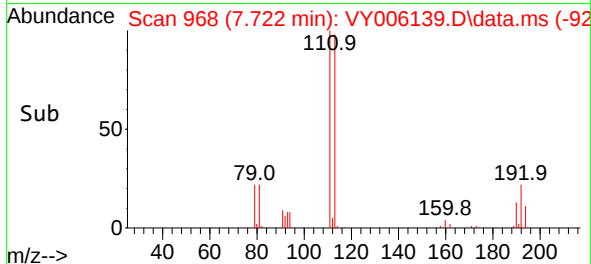
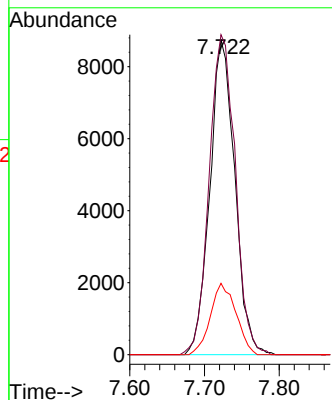
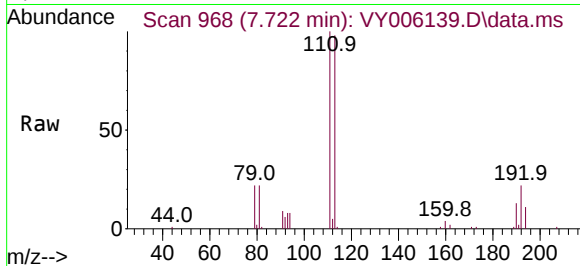




#35
 Dibromofluoromethane
 Concen: 52.025 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VY006139.D
 Acq: 24 Sep 2021 15:32

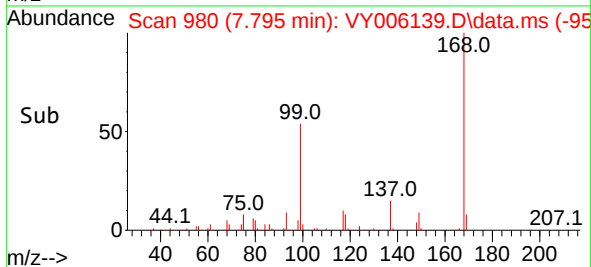
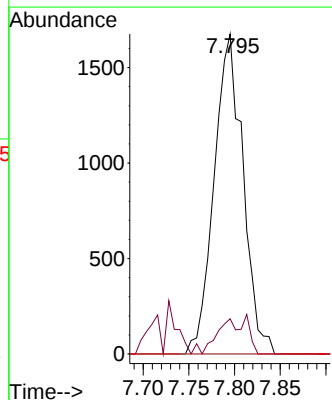
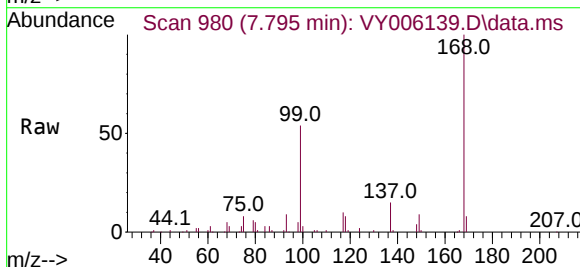
Instrument :
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 ClientSampleId :
 TP-10

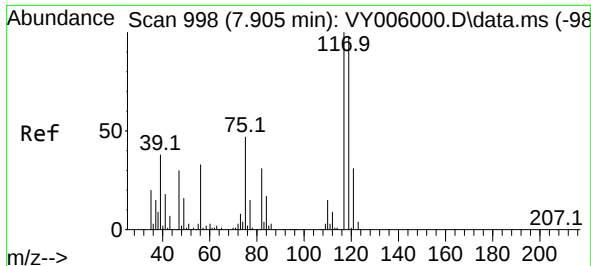
Tgt Ion:	113	Resp:	20319
Ion	Ratio	Lower	Upper
113	100		
111	105.8	82.6	124.0
192	23.2	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 5.419 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY006139.D
 Acq: 24 Sep 2021 15:32

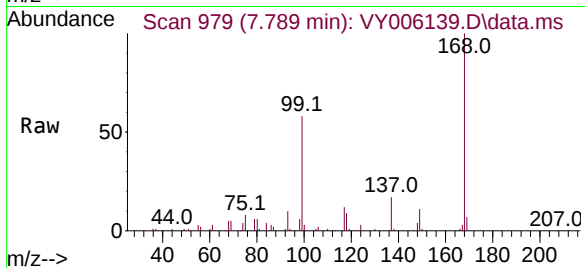
Tgt Ion:	75	Resp:	3678
Ion	Ratio	Lower	Upper
75	100		
110	11.1	17.1	51.2#
77	0.0	24.4	36.6#



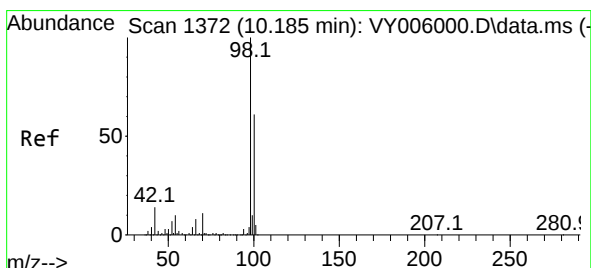
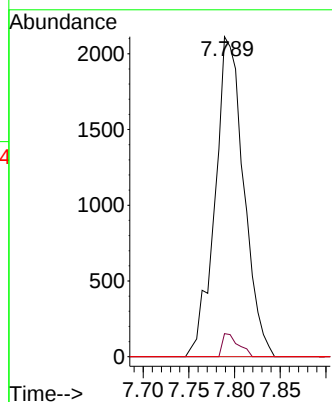
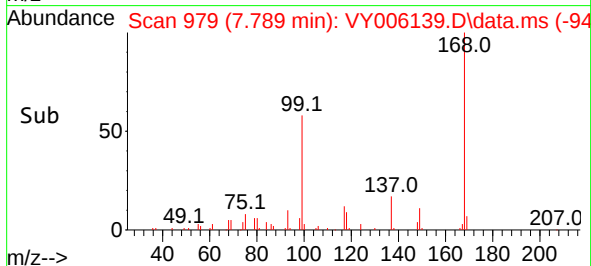


#38
Carbon Tetrachloride
Concen: 6.260 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY006139.D
Acq: 24 Sep 2021 15:32

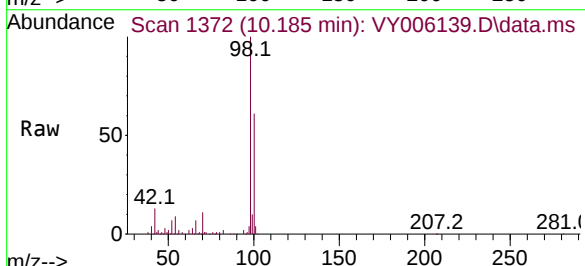
Instrument :
MSVOA_Y
ClientSampleId :
TP-10



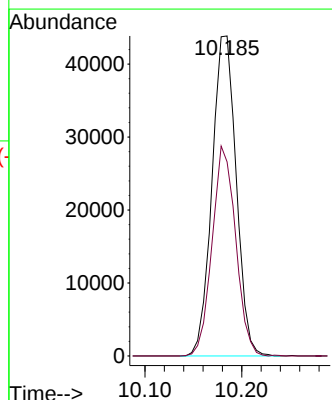
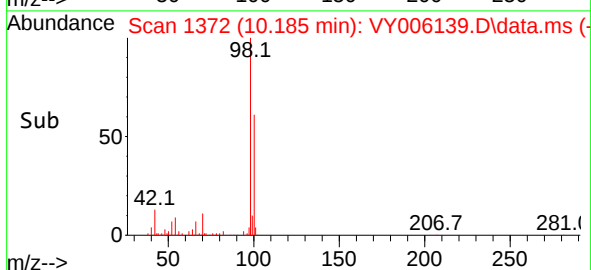
Tgt Ion:117 Resp: 4625
Ion Ratio Lower Upper
117 100
119 7.2 77.9 116.9#
121 0.0 24.8 37.2#

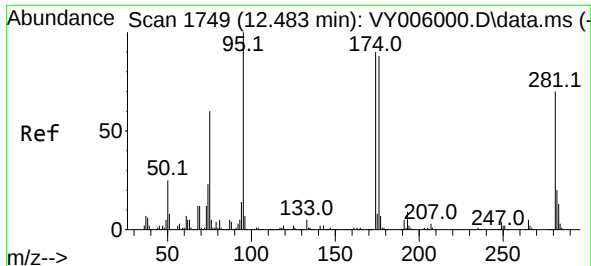


#50
Toluene-d8
Concen: 45.717 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006139.D
Acq: 24 Sep 2021 15:32



Tgt Ion: 98 Resp: 76101
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

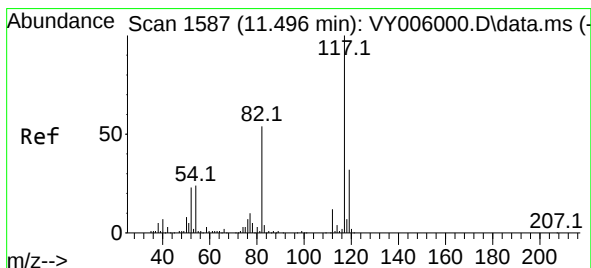
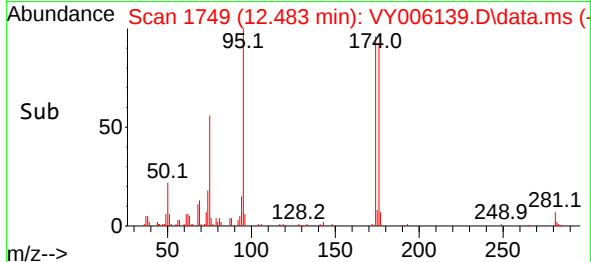
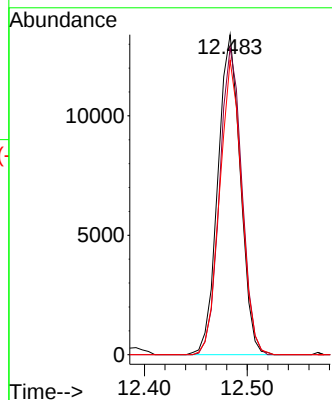
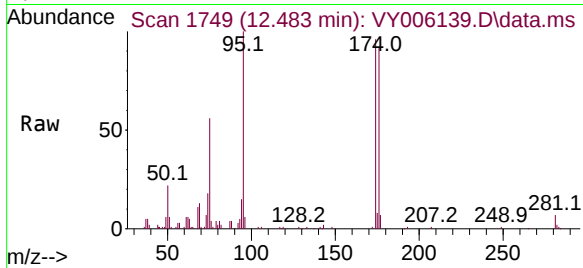




#62
4-Bromofluorobenzene
Concen: 35.947 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006139.D
Acq: 24 Sep 2021 15:32

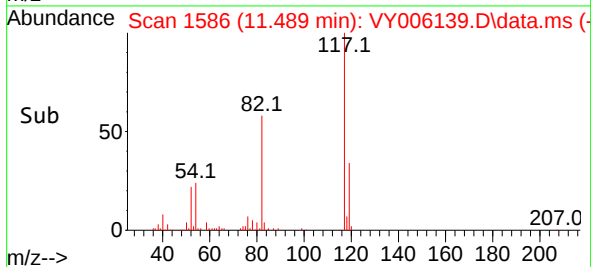
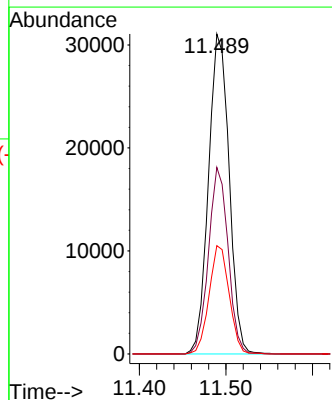
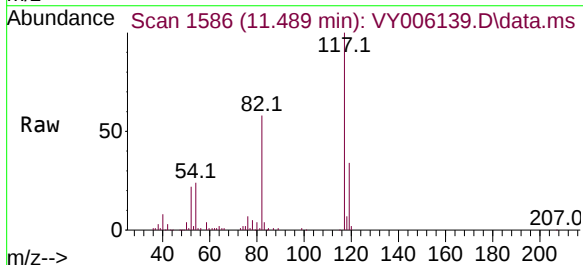
Instrument :
MSVOA_Y
ClientSampled :
TP-10

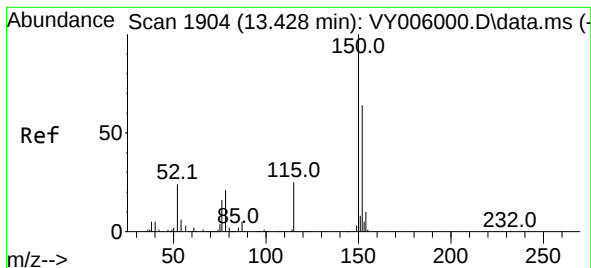
Tgt Ion: 95 Resp: 20316
Ion Ratio Lower Upper
95 100
174 94.6 0.0 177.0
176 90.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006139.D
Acq: 24 Sep 2021 15:32

Tgt Ion: 117 Resp: 51347
Ion Ratio Lower Upper
117 100
82 58.3 43.0 64.4
119 33.8 25.4 38.0

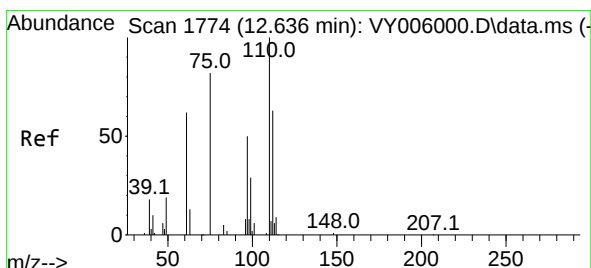
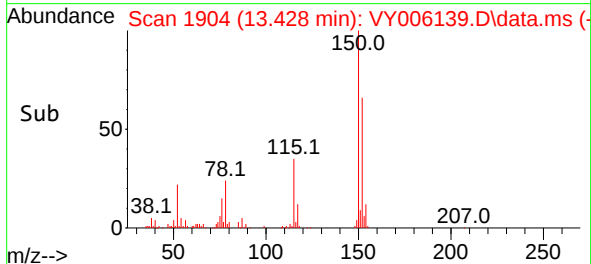
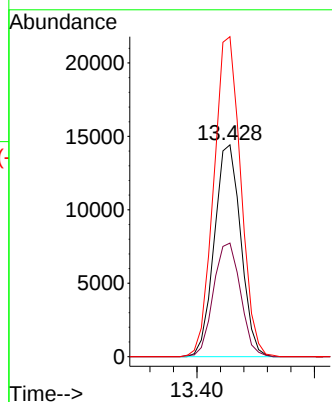
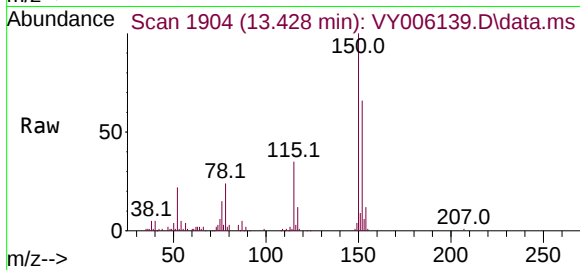




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006139.D
 Acq: 24 Sep 2021 15:32

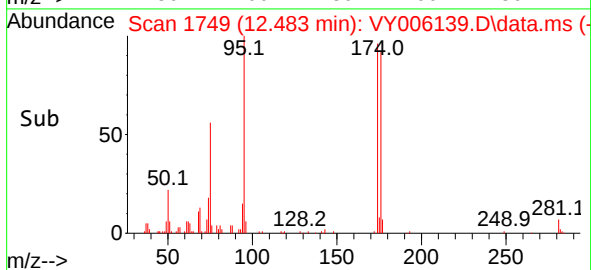
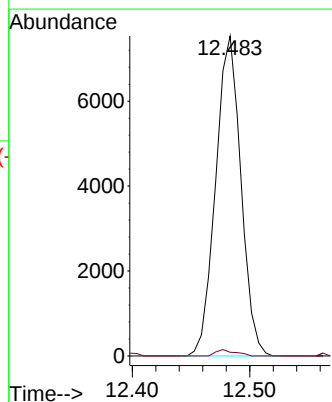
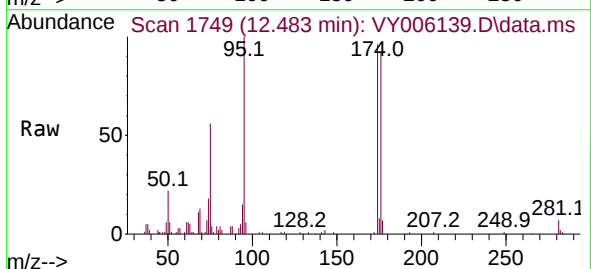
Instrument :
 MSVOA_Y
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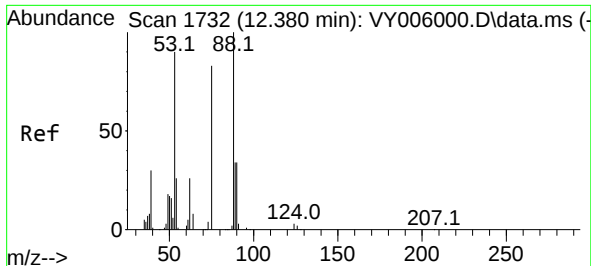
Tgt Ion:152 Resp: 22536
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.2 84.7
 150 154.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.846 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006139.D
 Acq: 24 Sep 2021 15:32

Tgt Ion: 75 Resp: 11256
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

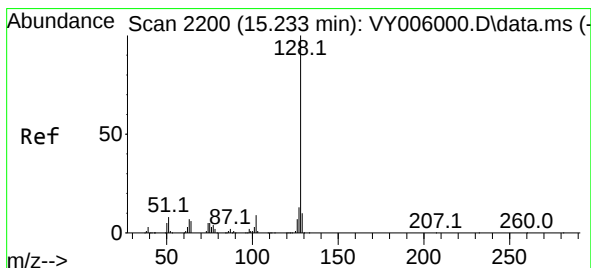
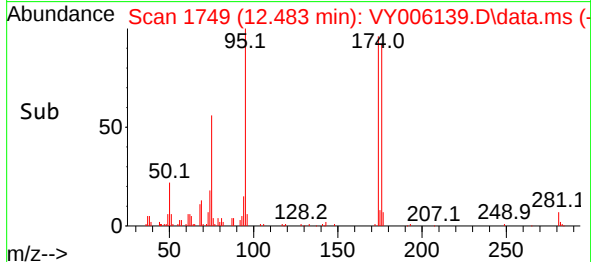
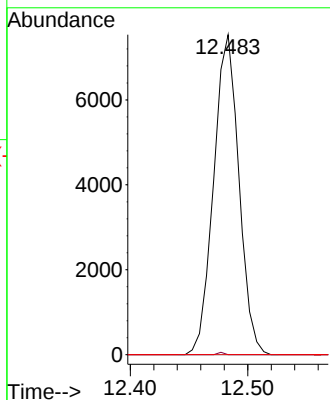
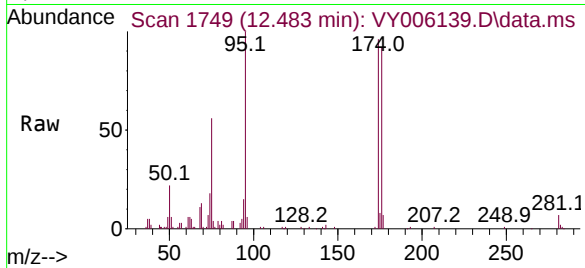




#81
trans-1,4-Dichloro-2-butene
Concen: 86.127 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006139.D
Acq: 24 Sep 2021 15:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-10

Tgt Ion: 75 Resp: 11256
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 1.038 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006139.D
Acq: 24 Sep 2021 15:32

Tgt Ion: 128 Resp: 935
Ion Ratio Lower Upper
128 100
127 4.9 11.0 16.4#
129 3.5 8.4 12.6#

