

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006169.D
 Acq On : 27 Sep 2021 17:30
 Operator : SY/MD
 Sample : M3946-01
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-05-092421

Quant Time: Sep 28 06:22:22 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)

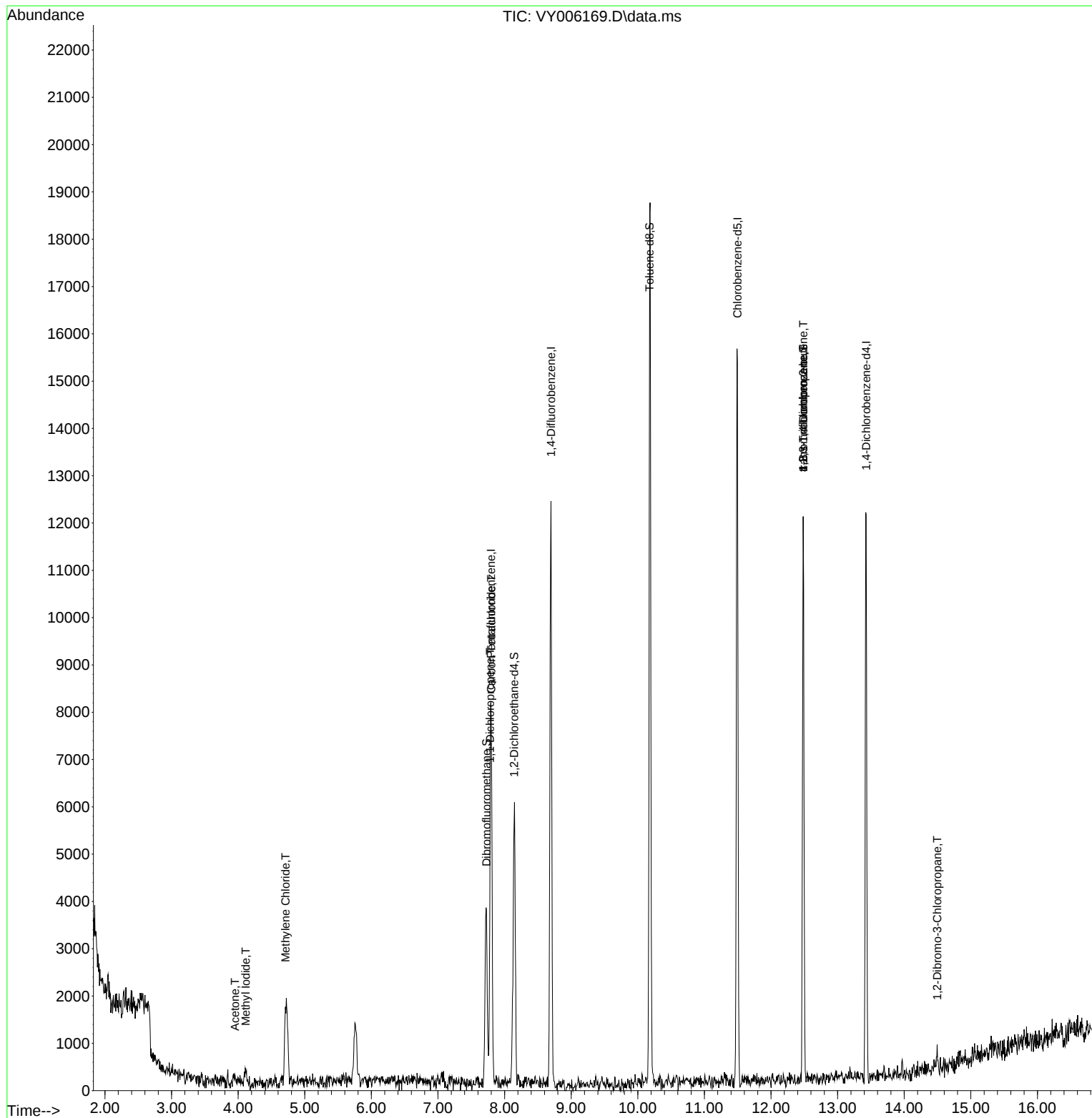
Internal Standards						
1) Pentafluorobenzene	7.795	168	6617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	10336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	9010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4550	49.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.000%
35) Dibromofluoromethane	7.728	113	2813	43.817	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.640%
50) Toluene-d8	10.179	98	12161	44.445	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.900%
62) 4-Bromofluorobenzene	12.483	95	3148	33.887	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.780%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	228	3.372	ug/l #	67
16) Acetone	3.954	43	192	7.616	ug/l #	47
20) Methylene Chloride	4.710	84	1328	13.489	ug/l	85
36) 1,1-Dichloropropene	7.783	75	609	5.459	ug/l #	42
38) Carbon Tetrachloride	7.801	117	666	5.484	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	1768	50.387	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1768	92.637	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.495	75	21	2.208	ug/l #	6

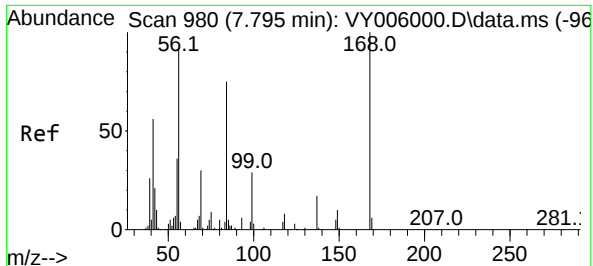
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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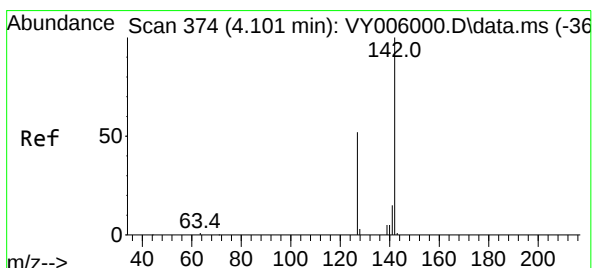
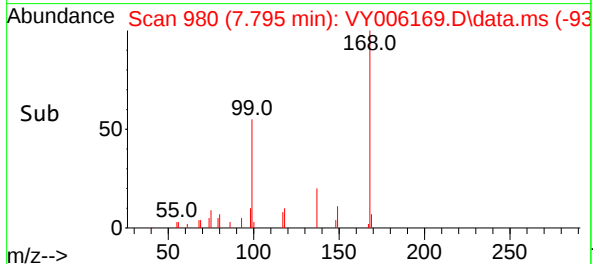
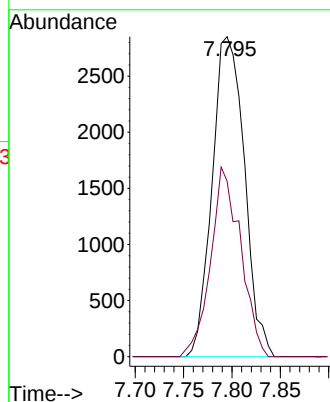
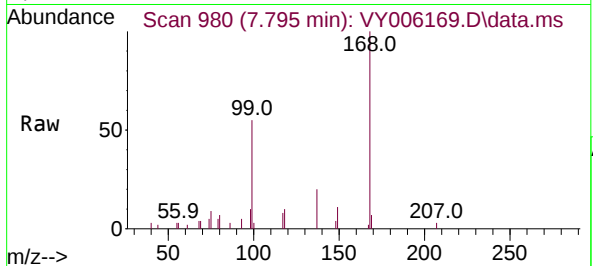




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006169.D
Acq: 27 Sep 2021 17:30

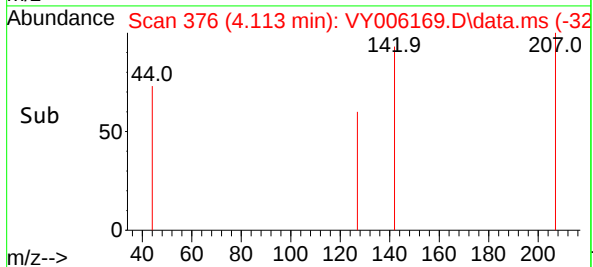
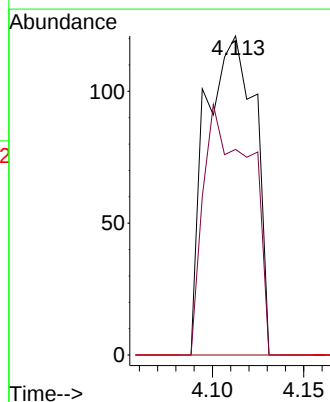
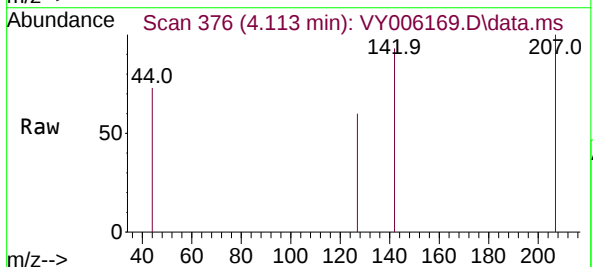
Instrument :
MSVOA_Y
ClientSampleId :
PL-05-092421

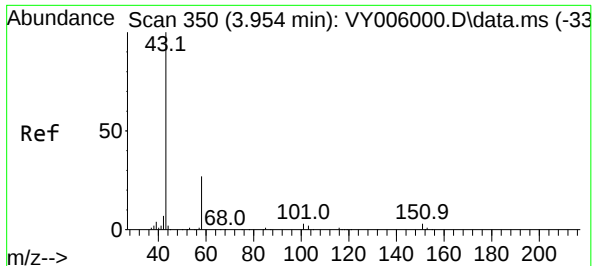
Tgt Ion:168 Resp: 6617
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#10
Methyl Iodide
Concen: 3.372 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY006169.D
Acq: 27 Sep 2021 17:30

Tgt Ion:142 Resp: 228
Ion Ratio Lower Upper
142 100
127 74.1 41.5 62.3#
141 0.0 11.9 17.9#

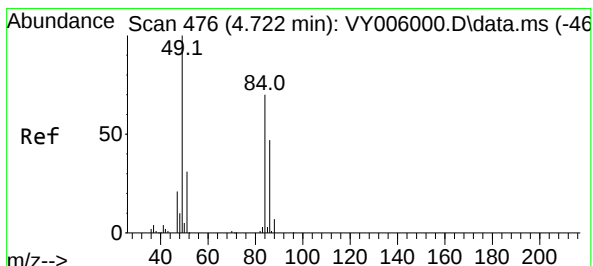
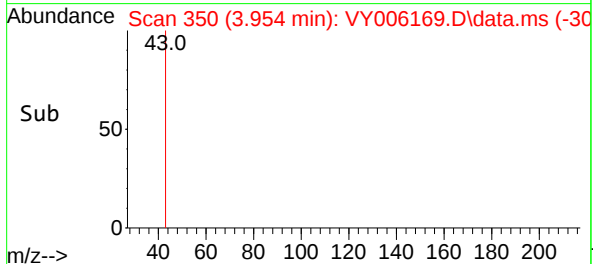
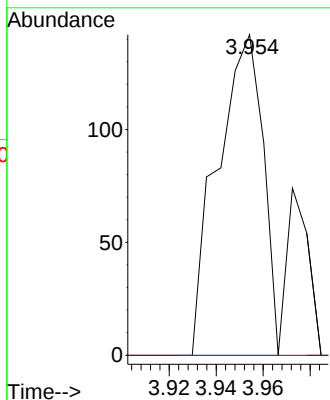
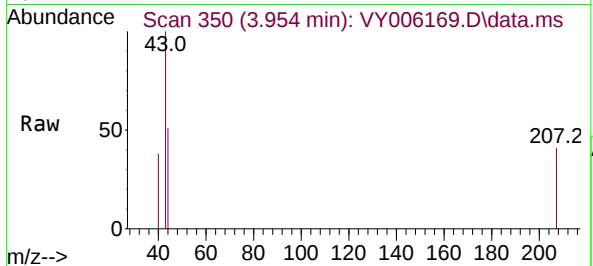




#16
Acetone
Concen: 7.616 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006169.D
Acq: 27 Sep 2021 17:30

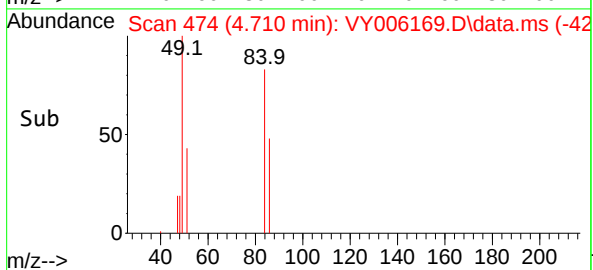
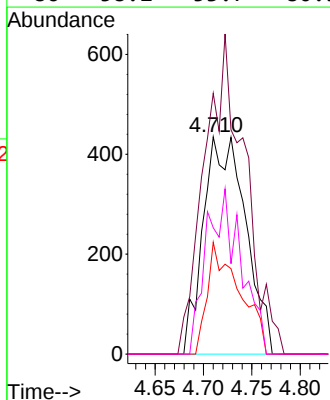
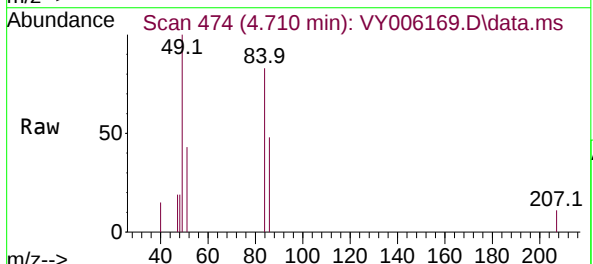
Instrument :
MSVOA_Y
ClientSampleId :
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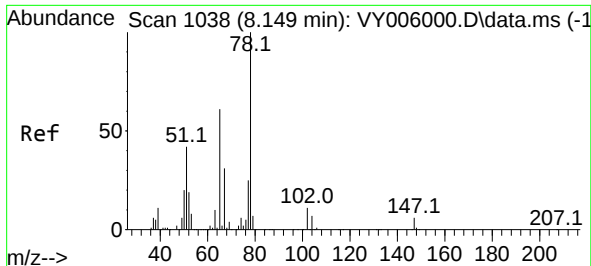
Tgt Ion: 43 Resp: 192
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 13.489 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY006169.D
Acq: 27 Sep 2021 17:30

Tgt Ion: 84 Resp: 1328
Ion Ratio Lower Upper
84 100
49 120.0 114.4 171.6
51 51.5 35.3 52.9
86 58.2 53.7 80.5

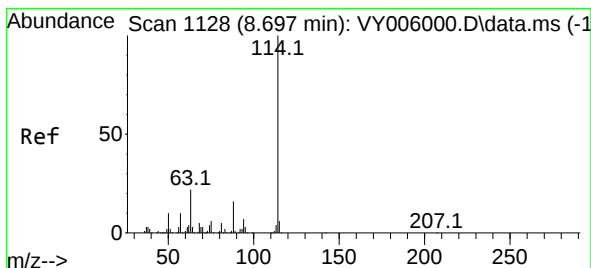
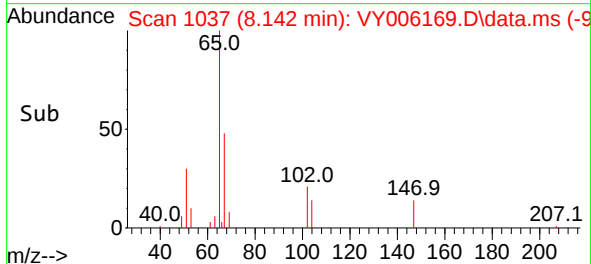
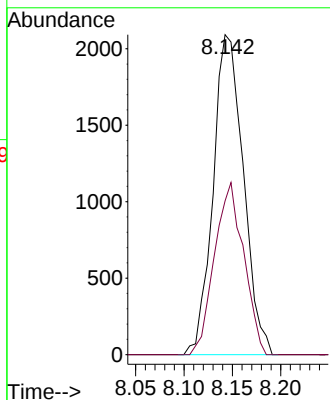
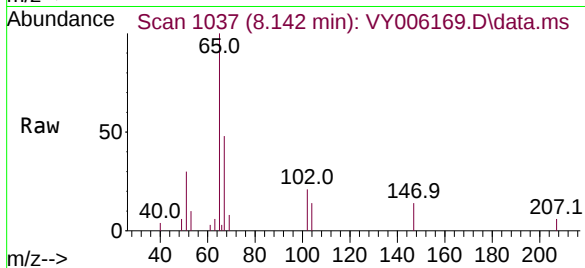




#33
1,2-Dichloroethane-d4
Concen: 49.503 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006169.D
Acq: 27 Sep 2021 17:30

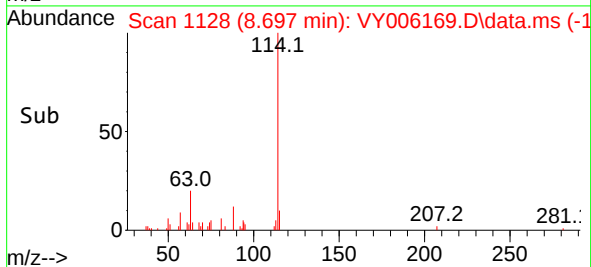
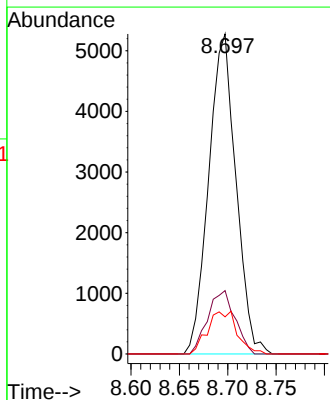
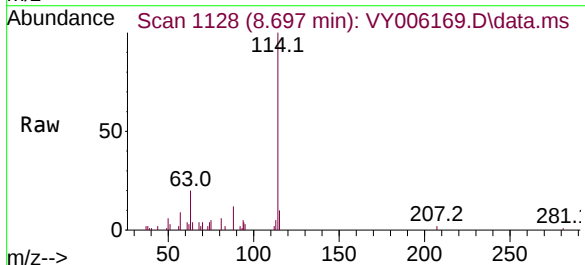
Instrument :
MSVOA_Y
ClientSampleId :
PL-05-092421

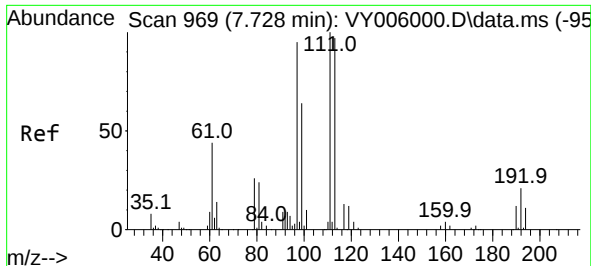
Tgt Ion: 65 Resp: 4550
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006169.D
Acq: 27 Sep 2021 17:30

Tgt Ion:114 Resp: 10336
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.2
88 11.6 0.0 31.8

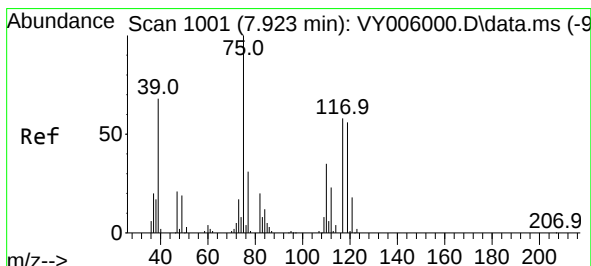
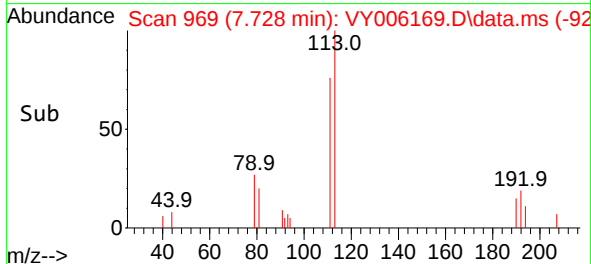
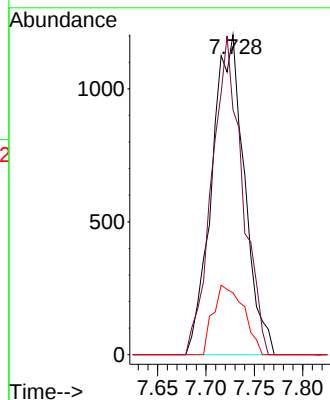
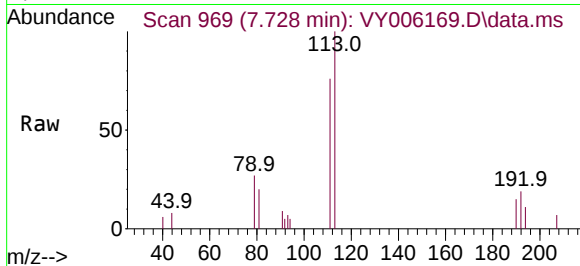




#35
Dibromofluoromethane
Concen: 43.817 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006169.D
Acq: 27 Sep 2021 17:30

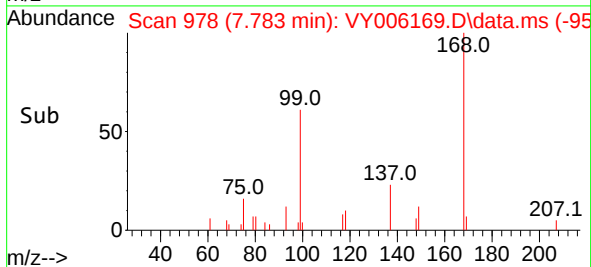
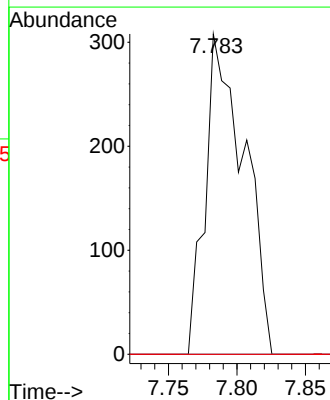
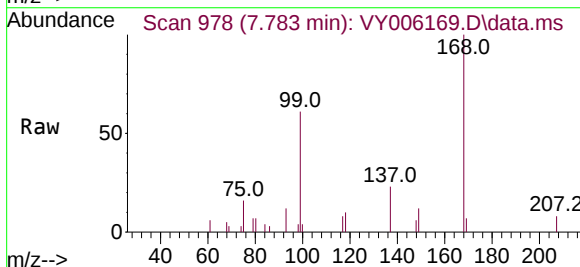
Instrument :
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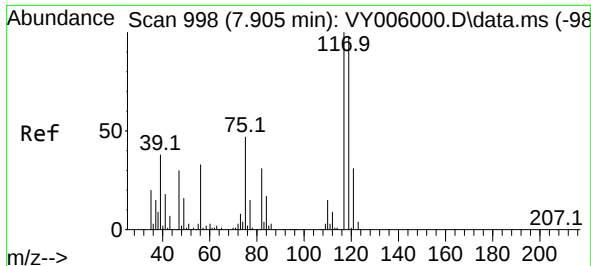
Tgt Ion:113 Resp: 2813
Ion Ratio Lower Upper
113 100
111 93.1 82.6 124.0
192 20.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.459 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY006169.D
Acq: 27 Sep 2021 17:30

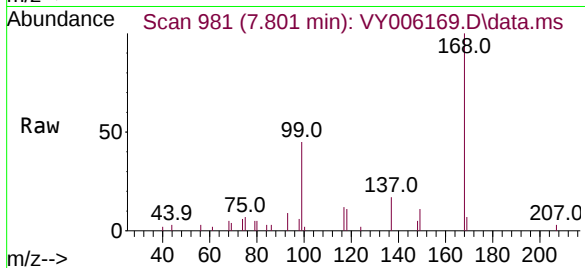
Tgt Ion: 75 Resp: 609
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



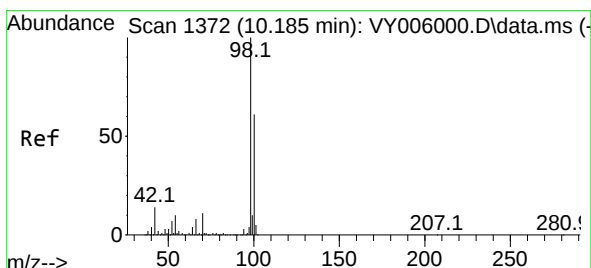
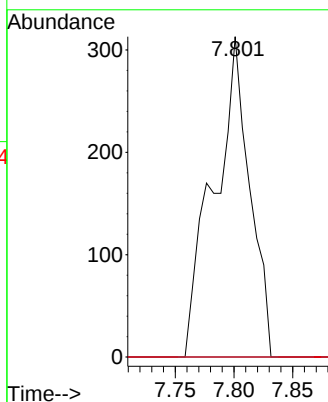
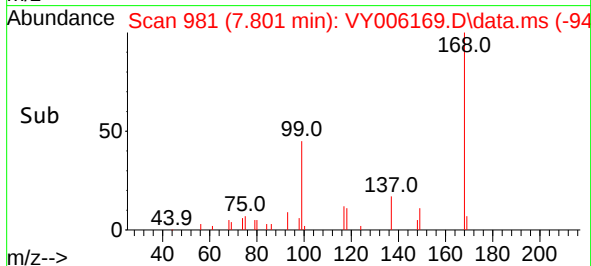


#38
Carbon Tetrachloride
Concen: 5.484 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006169.D
Acq: 27 Sep 2021 17:30

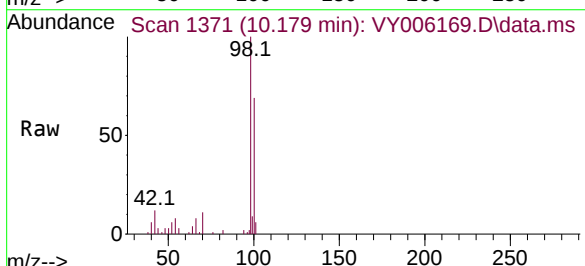
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PL-05-092421



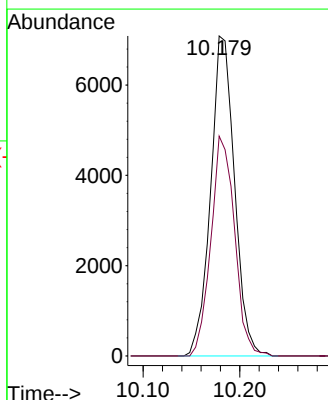
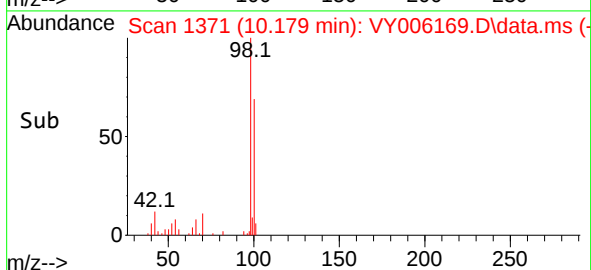
Tgt Ion: 117 Resp: 666
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

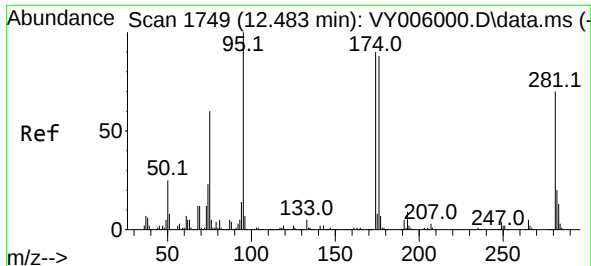


#50
Toluene-d8
Concen: 44.445 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006169.D
Acq: 27 Sep 2021 17:30



Tgt Ion: 98 Resp: 12161
Ion Ratio Lower Upper
98 100
100 68.0 50.2 75.2

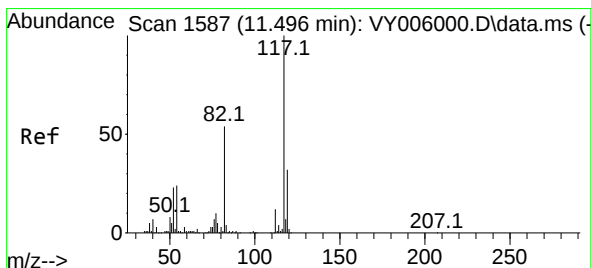
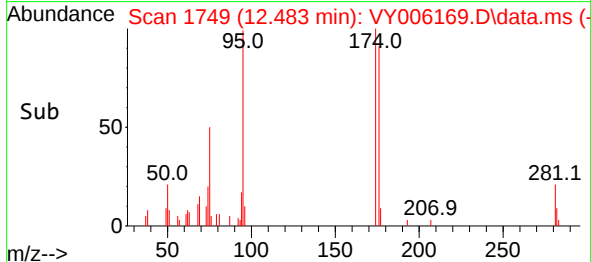
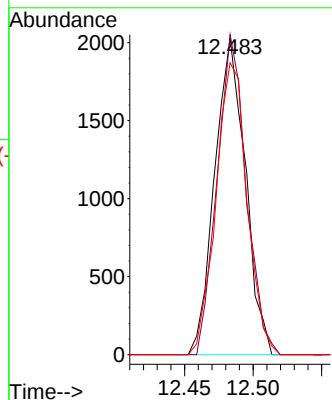
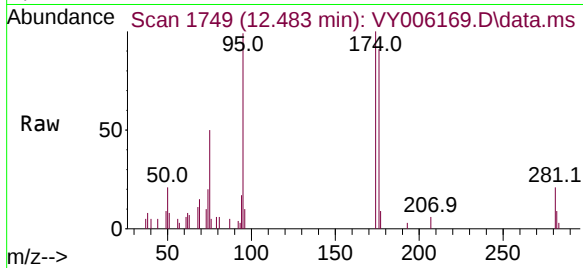




#62
4-Bromofluorobenzene
Concen: 33.887 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006169.D
Acq: 27 Sep 2021 17:30

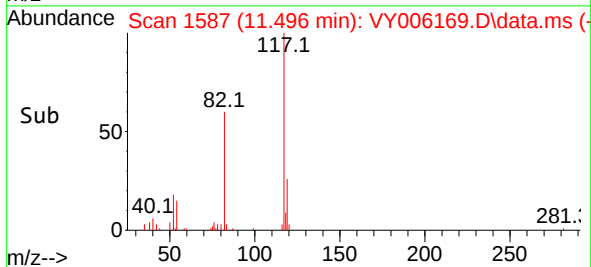
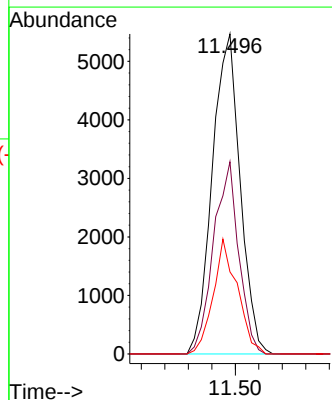
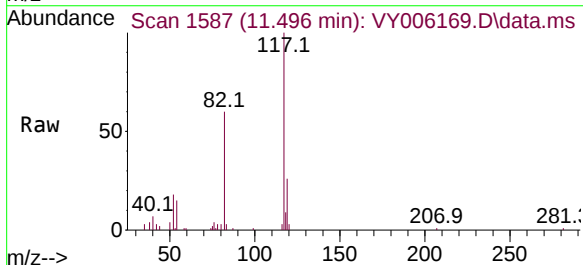
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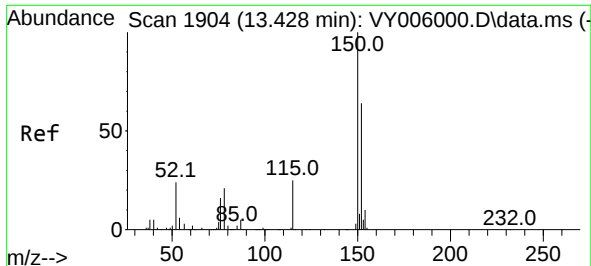
Tgt Ion:	95	Resp:	3148
Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	177.0
176	94.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006169.D
Acq: 27 Sep 2021 17:30

Tgt Ion:	117	Resp:	9010
Ion	Ratio	Lower	Upper
117	100		
82	60.1	43.0	64.4
119	25.7	25.4	38.0

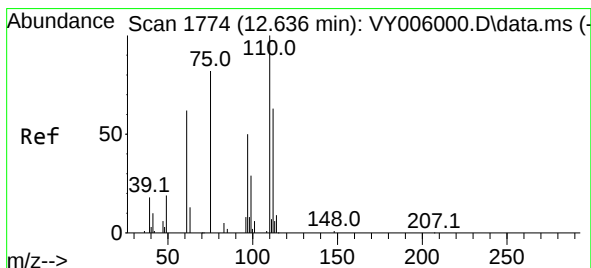
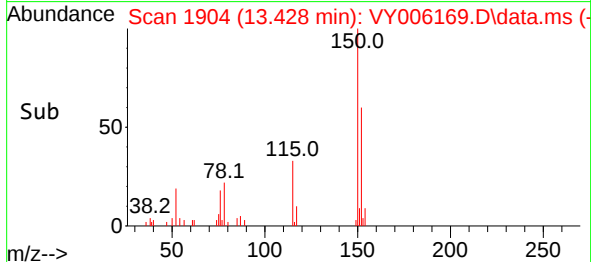
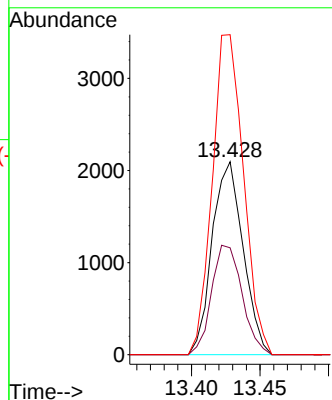
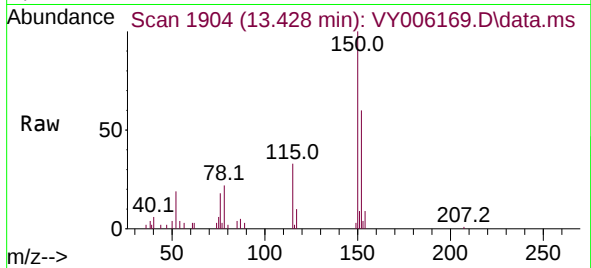




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006169.D
 Acq: 27 Sep 2021 17:30

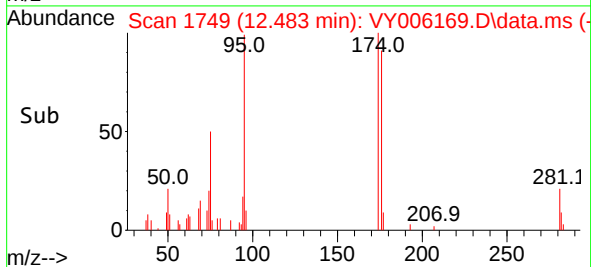
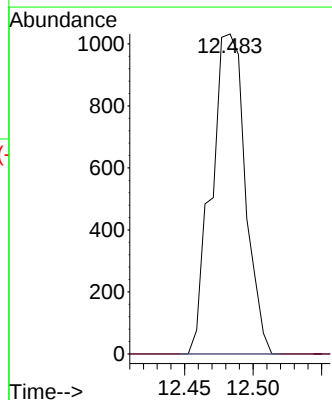
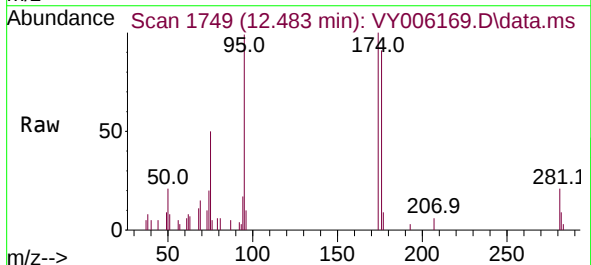
Instrument :
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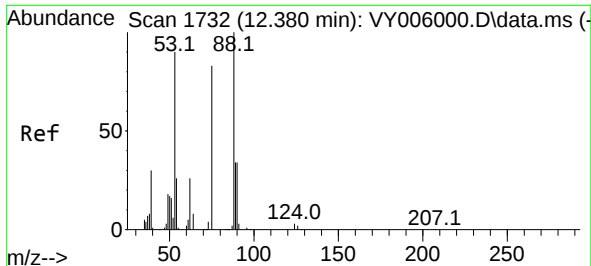
Tgt Ion:152 Resp: 3291
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.2 84.7
 150 167.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.387 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006169.D
 Acq: 27 Sep 2021 17:30

Tgt Ion: 75 Resp: 1768
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

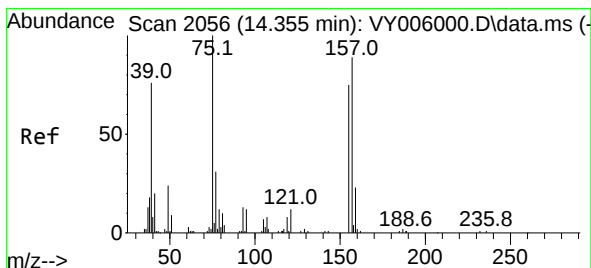
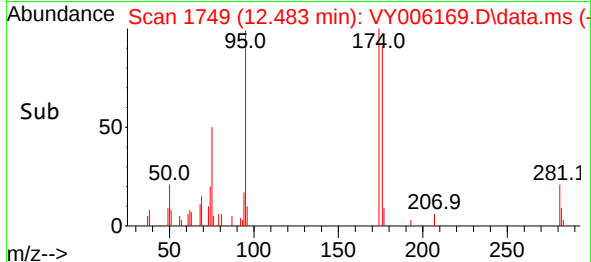
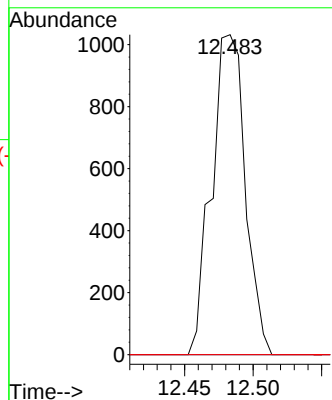
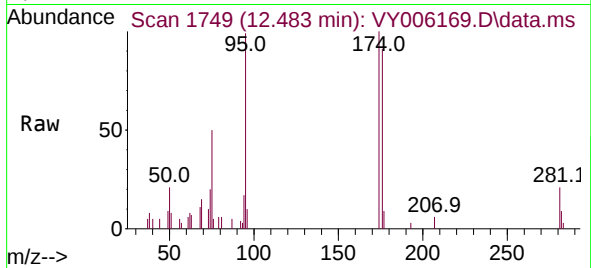




#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.637 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006169.D
 Acq: 27 Sep 2021 17:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-05-092421

Tgt Ion: 75 Resp: 1768
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.208 ug/l
 RT: 14.495 min Scan# 2079
 Delta R.T. 0.140 min
 Lab File: VY006169.D
 Acq: 27 Sep 2021 17:30

Tgt Ion: 75 Resp: 21
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.0 113.9#
 157 0.0 47.8 143.3#

