

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005869.D
 Acq On : 26 Aug 2021 18:24
 Operator : SY/MD
 Sample : M3547-03
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2RE

Quant Time: Aug 27 03:27:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

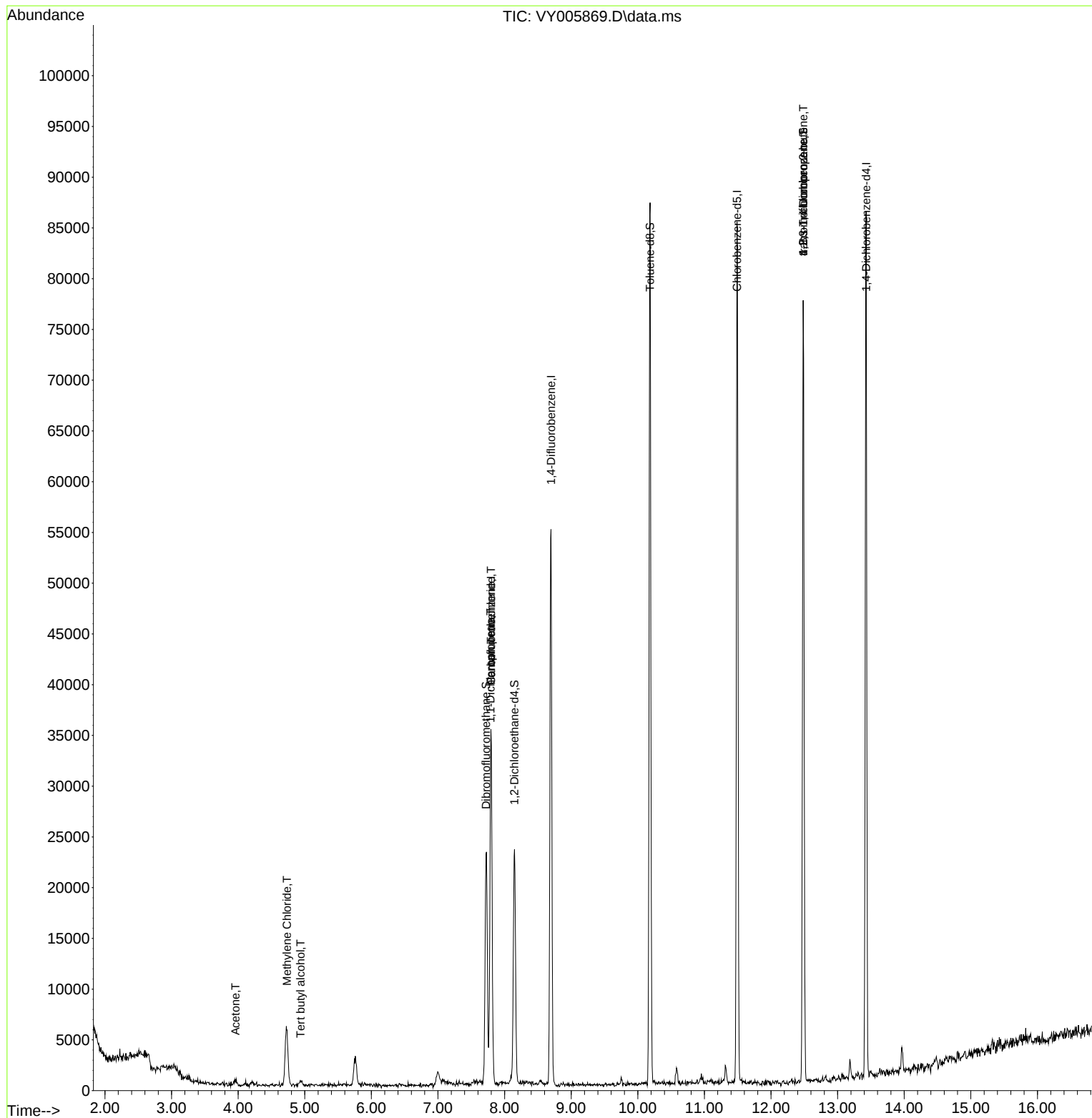
Internal Standards						
1) Pentafluorobenzene	7.795	168	29005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	47216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	48667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	19159	65.255	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.500%			
35) Dibromofluoromethane	7.722	113	15854	59.973	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.940%			
50) Toluene-d8	10.185	98	58310	52.595	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.180%			
62) 4-Bromofluorobenzene	12.483	95	19524	53.179	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.360%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	281	9.681	ug/l #	73
16) Acetone	3.960	43	959	12.955	ug/l	89
20) Methylene Chloride	4.735	84	4350	9.970	ug/l #	74
36) 1,1-Dichloropropene	7.789	75	2162	4.882	ug/l #	43
38) Carbon Tetrachloride	7.795	117	2617	5.437	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	10456	44.064	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	10456	88.828	ug/l #	11

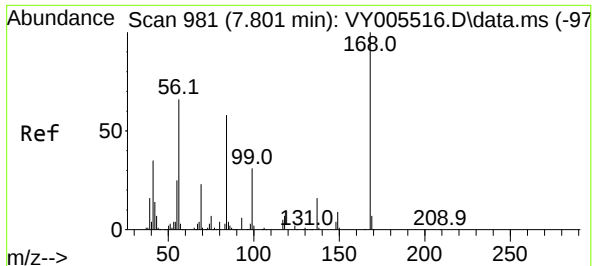
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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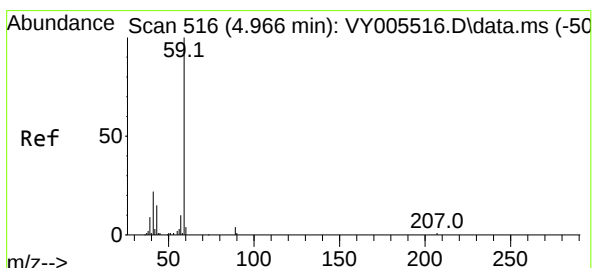
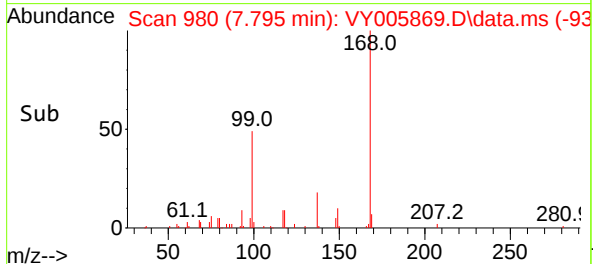
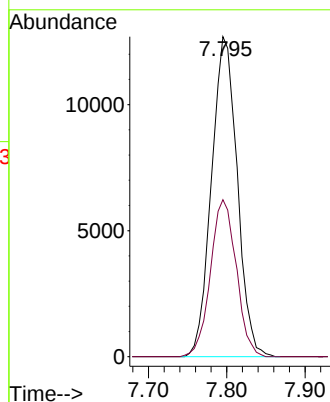
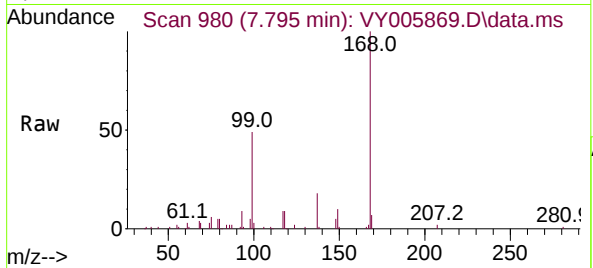




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

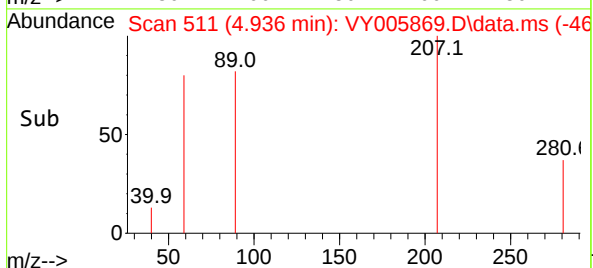
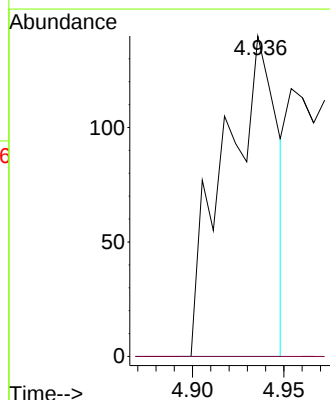
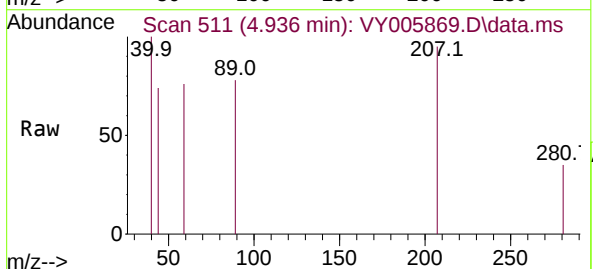
Instrument :
MSVOA_Y
ClientSampleId :
PE-2RE

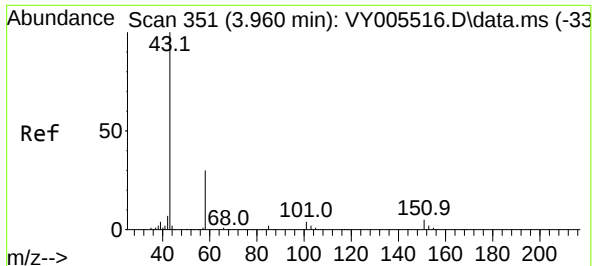
Tgt Ion:168 Resp: 29005
Ion Ratio Lower Upper
168 100
99 49.0 38.9 58.3



#11
Tert butyl alcohol
Concen: 9.681 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.031 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

Tgt Ion: 59 Resp: 281
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

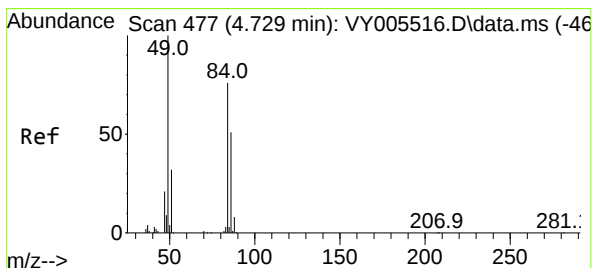
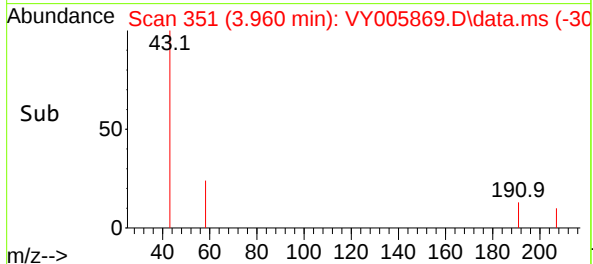
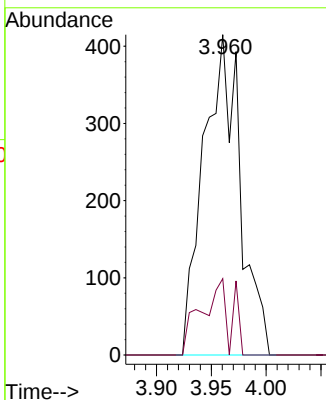
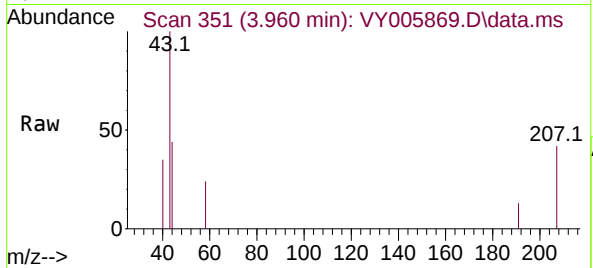




#16
Acetone
Concen: 12.955 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

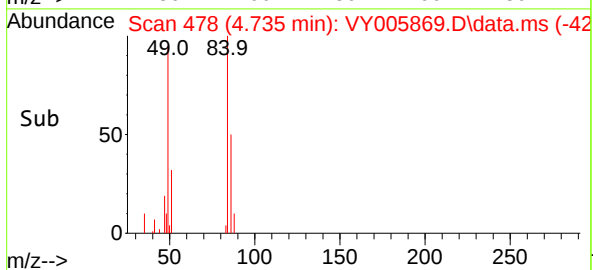
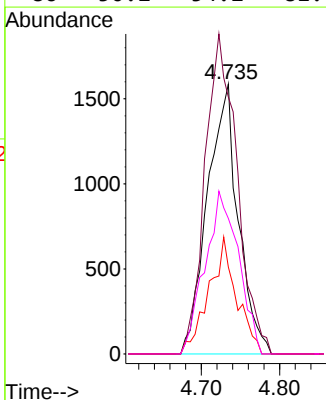
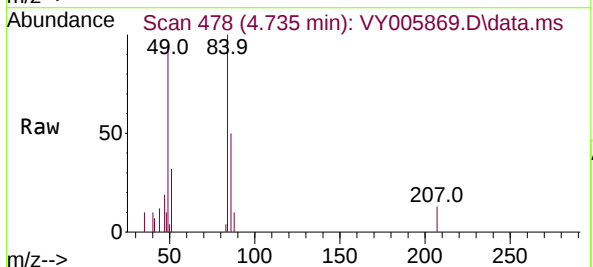
Instrument :
MSVOA_Y
ClientSampleId :
PE-2RE

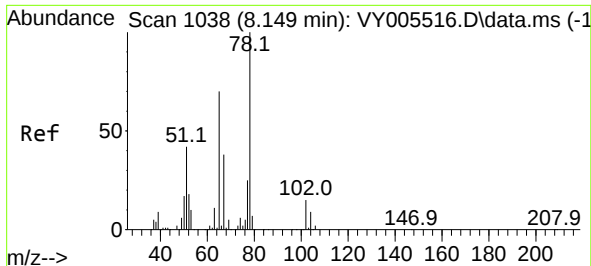
Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 23.9 23.8 35.6



#20
Methylene Chloride
Concen: 9.970 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

Tgt Ion: 84 Resp: 4350
Ion Ratio Lower Upper
84 100
49 95.1 105.8 158.6#
51 32.2 33.4 50.2#
86 50.2 54.2 81.4#

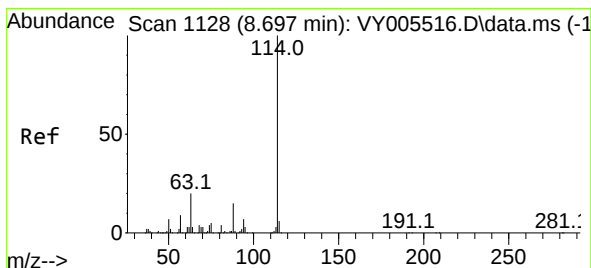
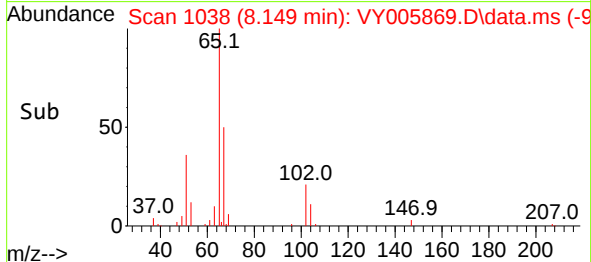
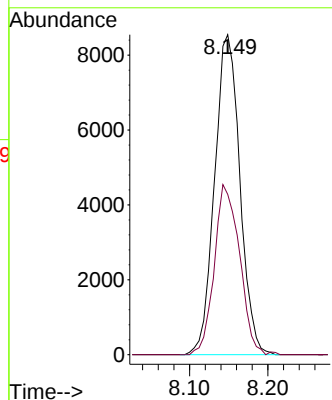
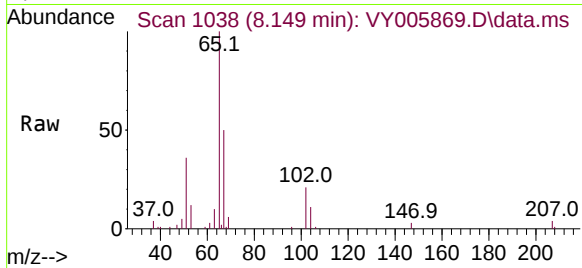




#33
 1,2-Dichloroethane-d4
 Concen: 65.255 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005869.D
 Acq: 26 Aug 2021 18:24

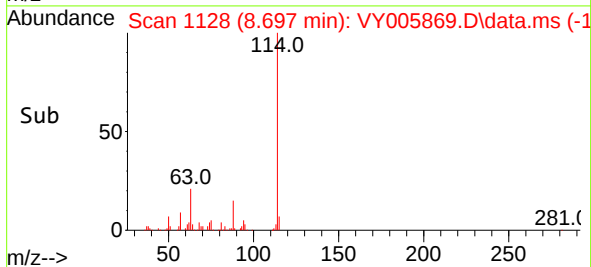
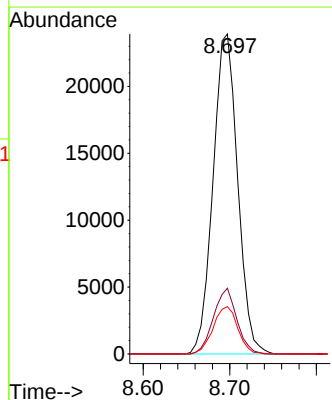
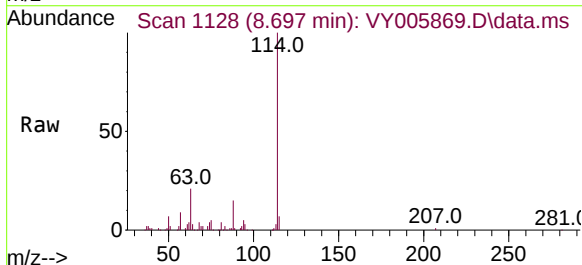
Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2RE

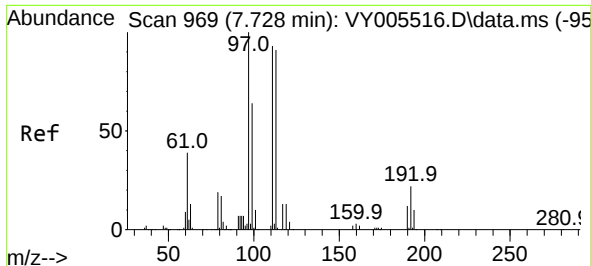
Tgt Ion: 65 Resp: 19159
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005869.D
 Acq: 26 Aug 2021 18:24

Tgt Ion: 114 Resp: 47216
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 14.8 0.0 30.8

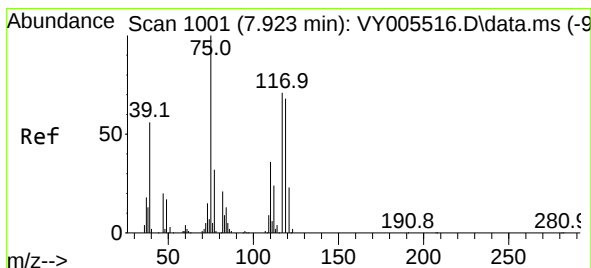
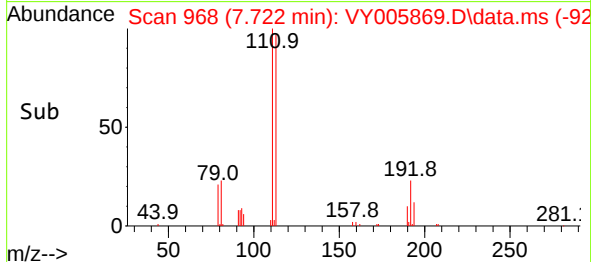
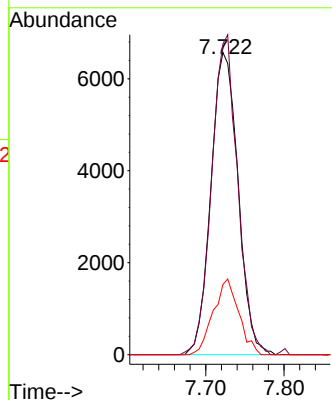
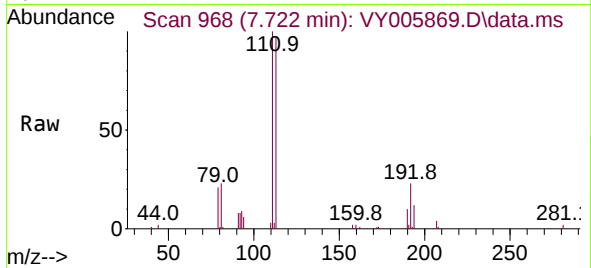




#35
Dibromofluoromethane
Concen: 59.973 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

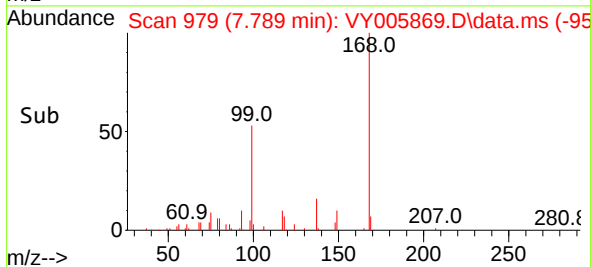
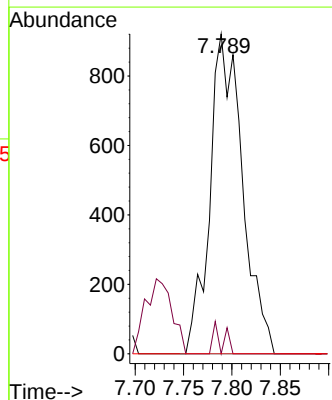
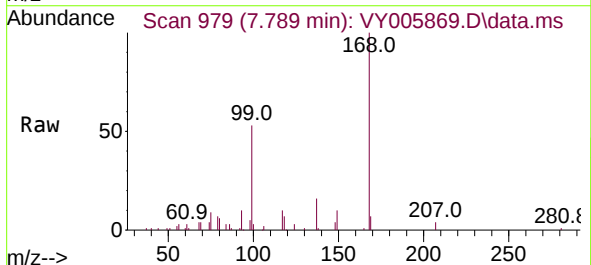
Instrument :
MSVOA_Y
ClientSampleId :
PE-2RE

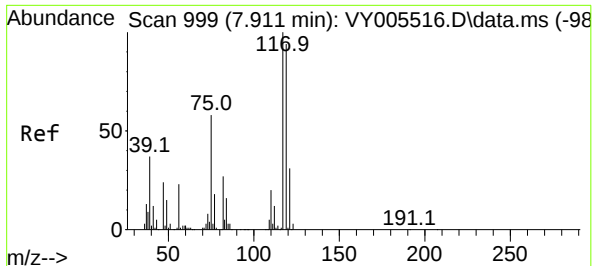
Tgt Ion:113 Resp: 15854
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 23.4 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.882 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

Tgt Ion: 75 Resp: 2162
Ion Ratio Lower Upper
75 100
110 2.8 18.1 54.1#
77 0.0 25.1 37.7#

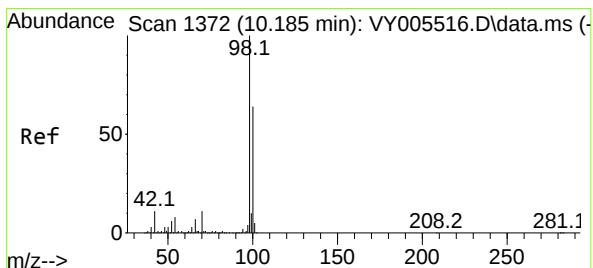
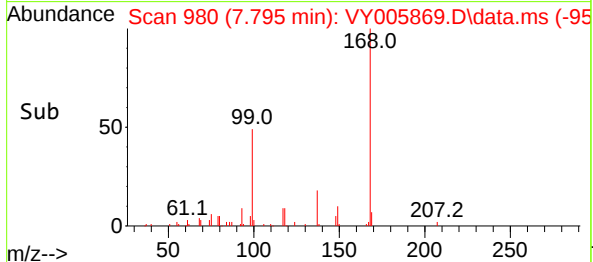
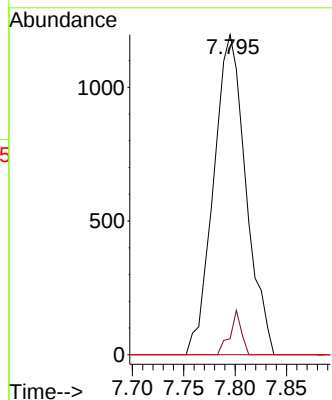
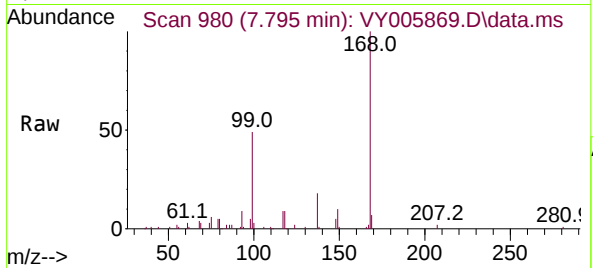




#38
Carbon Tetrachloride
Concen: 5.437 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

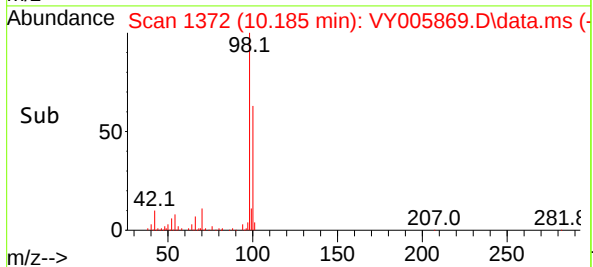
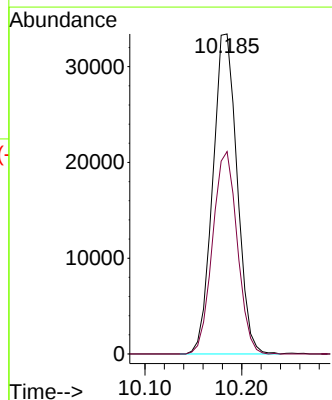
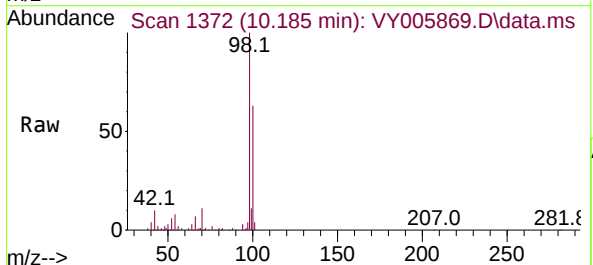
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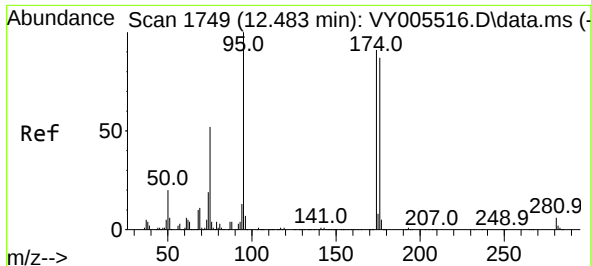
Tgt Ion:117 Resp: 2617
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.595 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

Tgt Ion: 98 Resp: 58310
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9

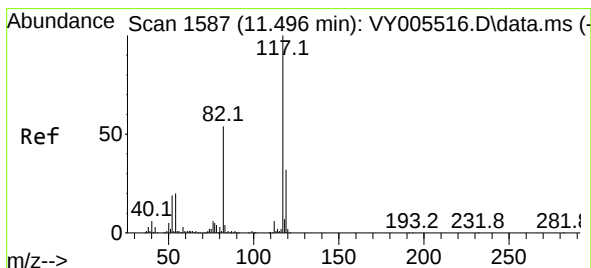
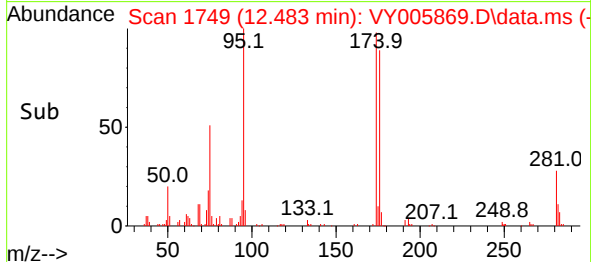
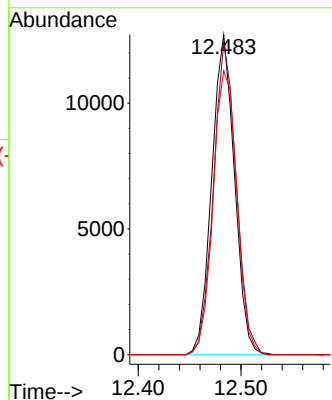
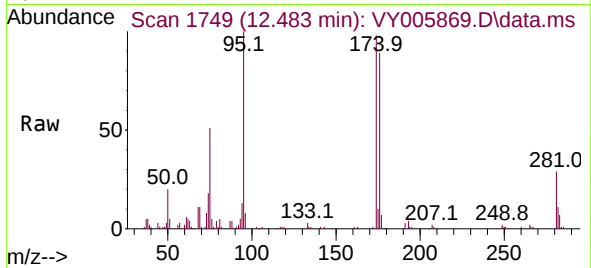




#62
4-Bromofluorobenzene
Concen: 53.179 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

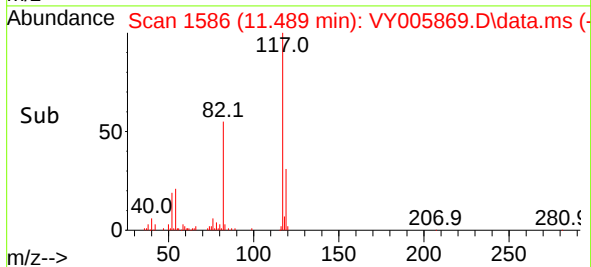
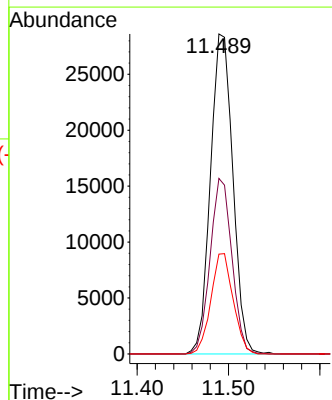
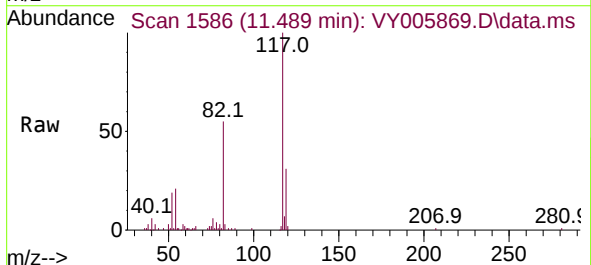
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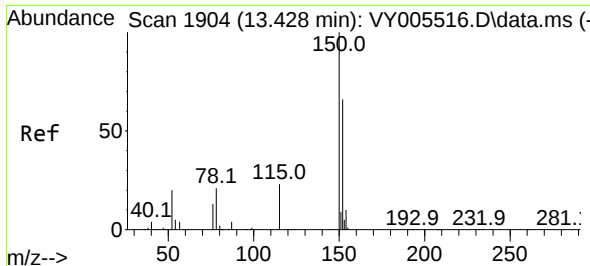
Tgt Ion:	95	Resp:	19524
Ion Ratio	Lower	Upper	
95	100		
174	98.1	0.0	191.4
176	93.4	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005869.D
Acq: 26 Aug 2021 18:24

Tgt Ion:	117	Resp:	48667
Ion Ratio	Lower	Upper	
117	100		
82	54.8	43.5	65.3
119	31.2	25.5	38.3

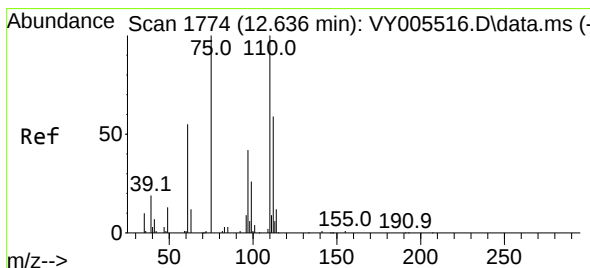
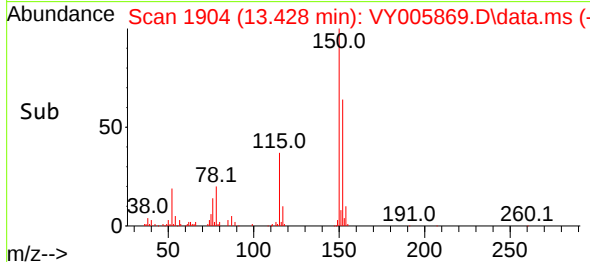
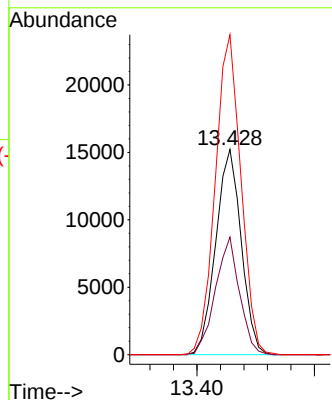
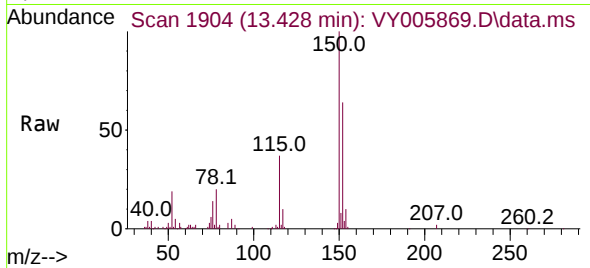




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005869.D
 Acq: 26 Aug 2021 18:24

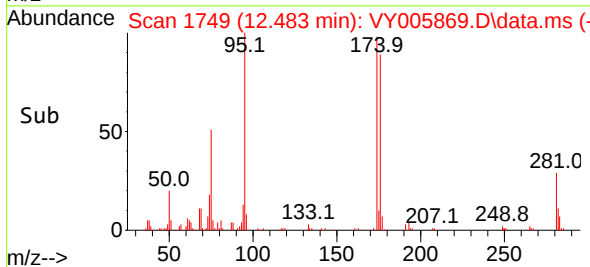
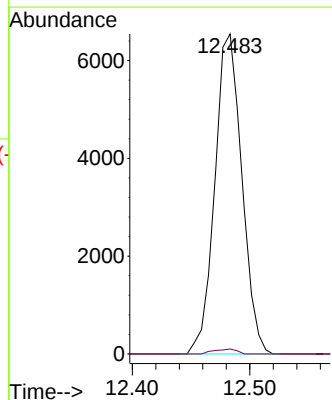
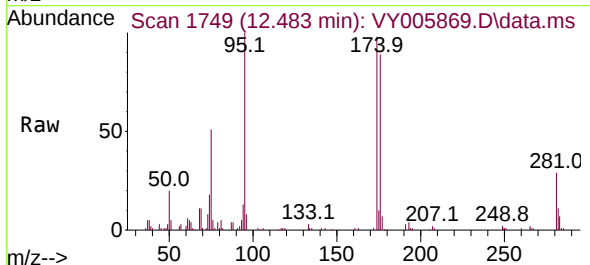
Instrument :
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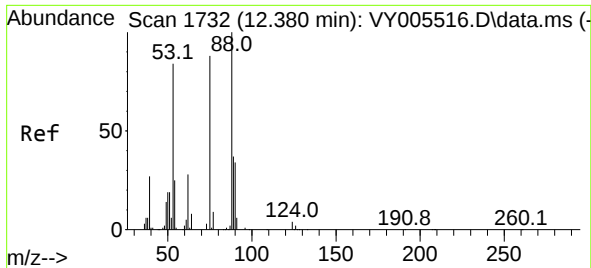
Tgt Ion:152 Resp: 22898
 Ion Ratio Lower Upper
 152 100
 115 54.4 27.3 81.9
 150 157.0 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 44.064 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005869.D
 Acq: 26 Aug 2021 18:24

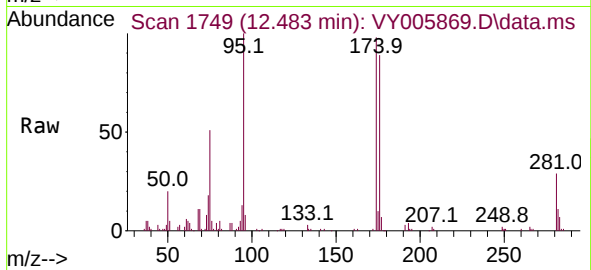
Tgt Ion: 75 Resp: 10456
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.828 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005869.D
 Acq: 26 Aug 2021 18:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2RE



Tgt Ion:	75	Resp:	10456
Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.0	38.4	57.6#

