

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005844.D
 Acq On : 25 Aug 2021 16:48
 Operator : SY/MD
 Sample : M3533-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-0824-21RE

Quant Time: Aug 26 03:38:31 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)

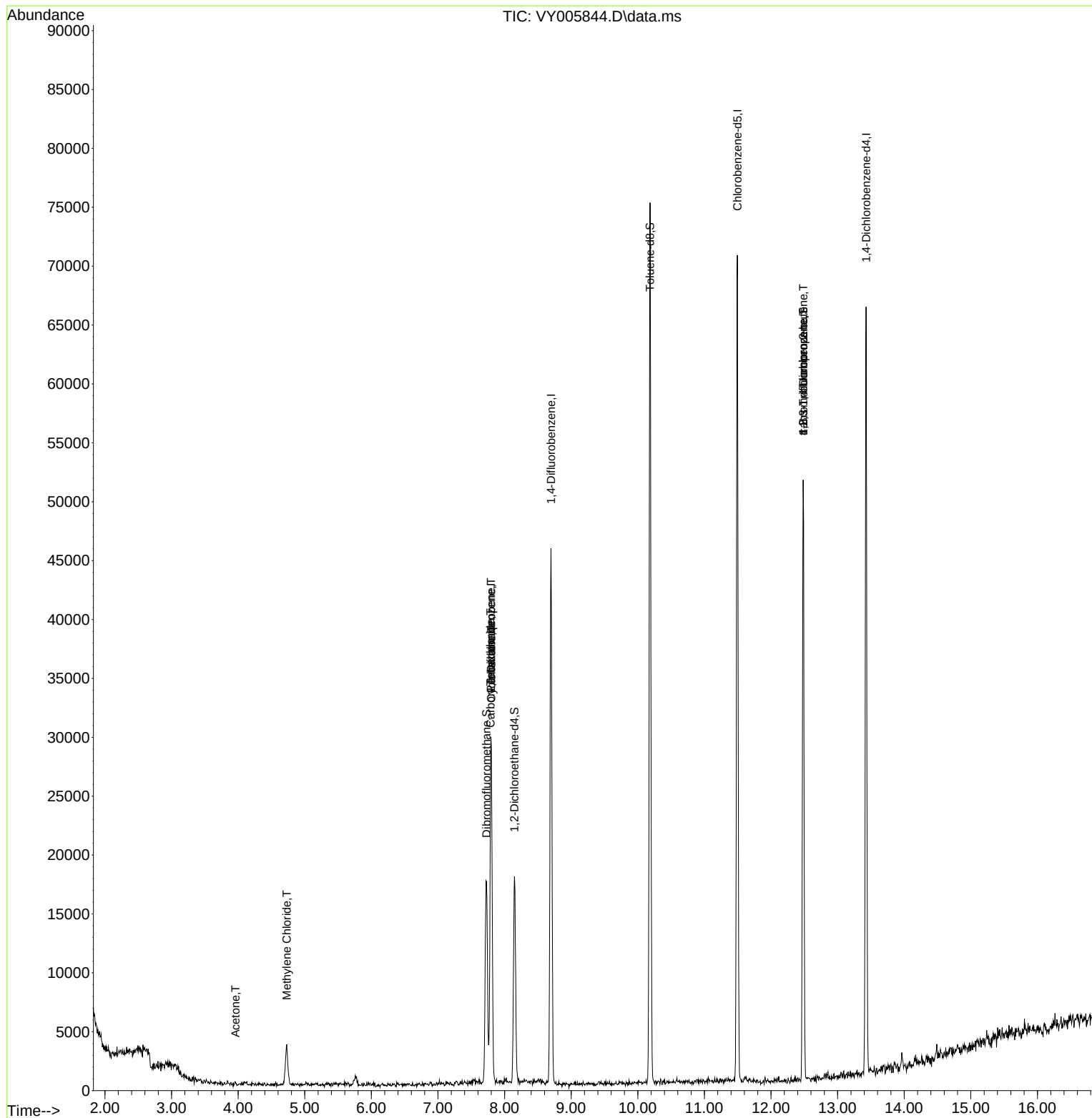
Internal Standards						
1) Pentafluorobenzene	7.795	168	24760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	38634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	37867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	14645	58.432	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.860%			
35) Dibromofluoromethane	7.728	113	12074	55.820	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.640%			
50) Toluene-d8	10.185	98	48403	53.357	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.720%			
62) 4-Bromofluorobenzene	12.483	95	14665	48.817	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.640%			
Target Compounds						Qvalue
16) Acetone	3.960	43	202	3.197	ug/l #	45
20) Methylene Chloride	4.729	84	2340	3.730	ug/l #	87
31) Cyclohexane	7.801	56	518	1.205	ug/l #	45
36) 1,1-Dichloropropene	7.795	75	1809	4.992	ug/l #	42
38) Carbon Tetrachloride	7.789	117	2059	5.228	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	8131	45.354	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8131	91.428	ug/l #	11

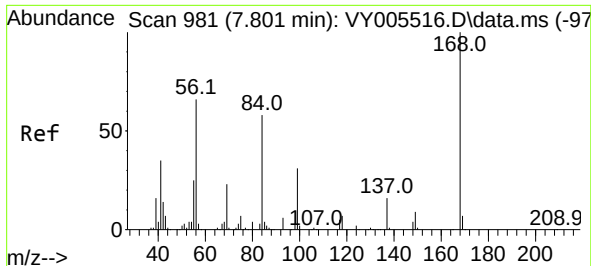
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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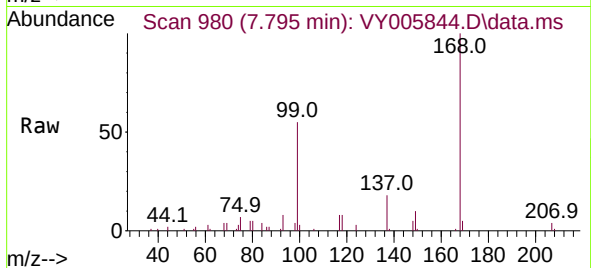
Quant Time: Aug 26 03:38:31 2021
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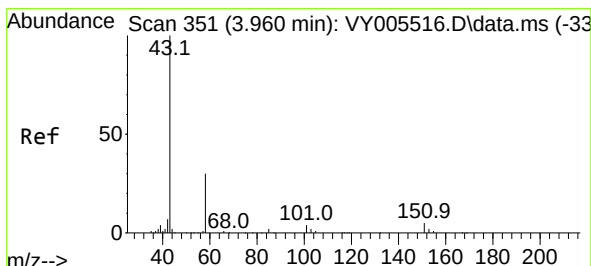
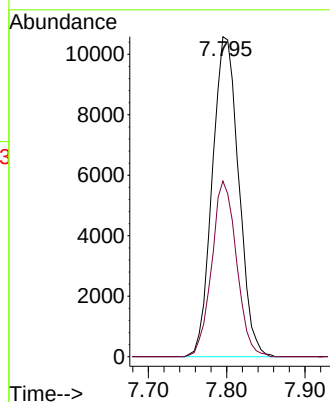
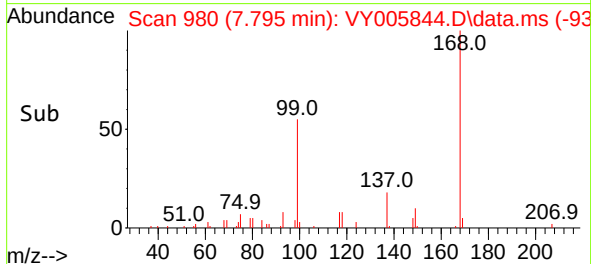


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005844.D
Acq: 25 Aug 2021 16:48

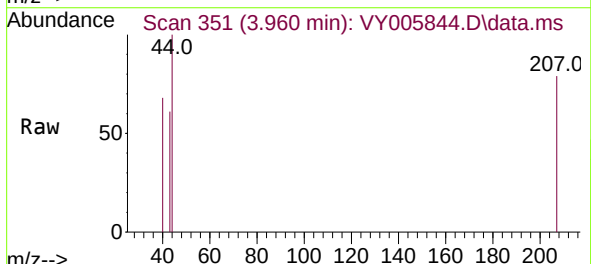
Instrument :
MSVOA_Y
ClientSampleId :
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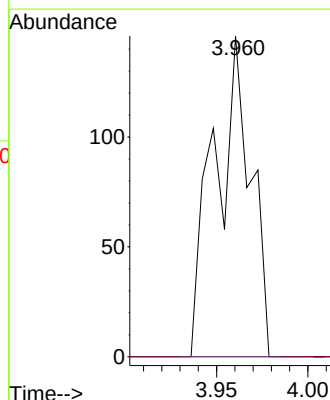
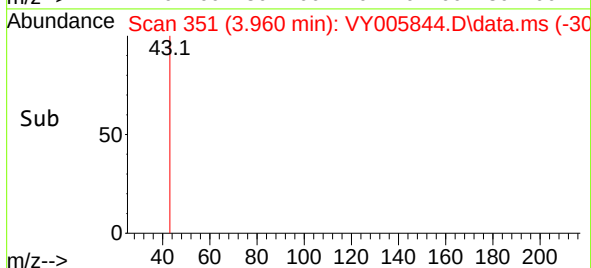
Tgt Ion:168 Resp: 24760
Ion Ratio Lower Upper
168 100
99 54.8 38.9 58.3

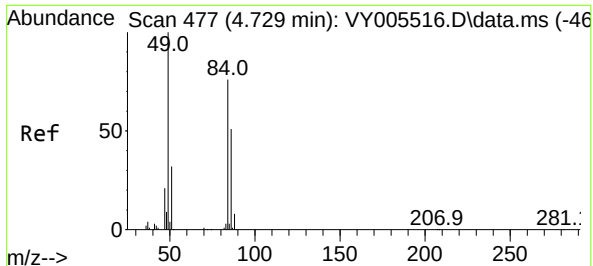


#16
Acetone
Concen: 3.197 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005844.D
Acq: 25 Aug 2021 16:48



Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

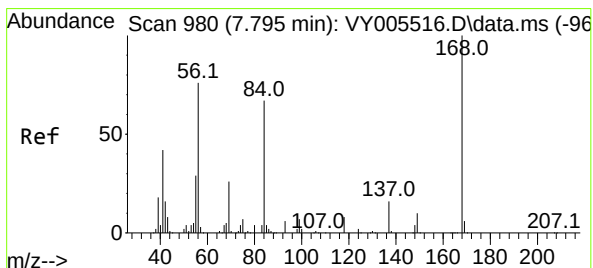
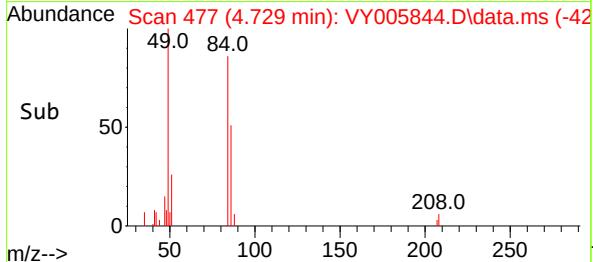
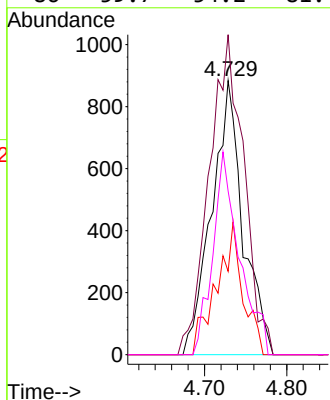
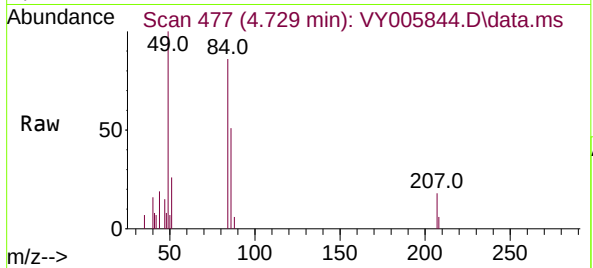




#20
Methylene Chloride
Concen: 3.730 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005844.D
Acq: 25 Aug 2021 16:48

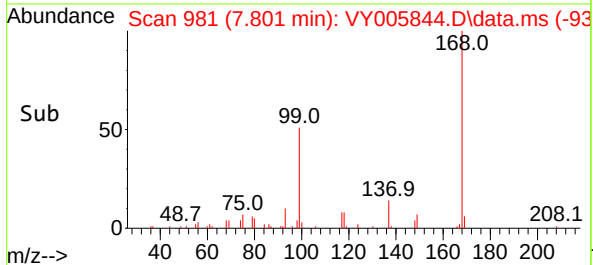
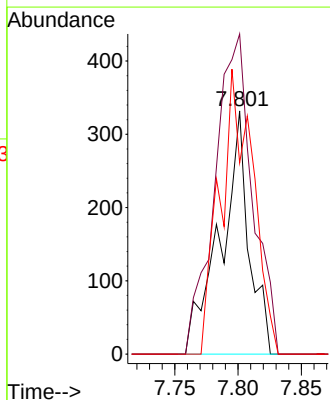
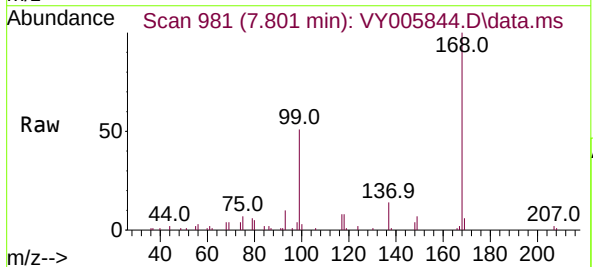
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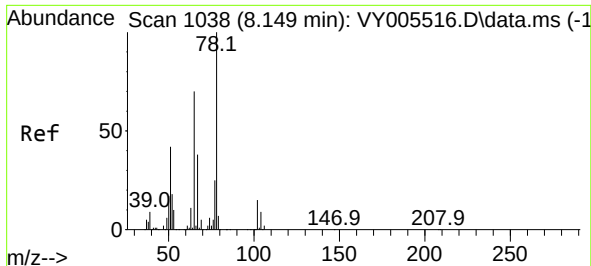
Tgt Ion:	84	Resp:	2340
Ion	Ratio	Lower	Upper
84	100		
49	116.7	105.8	158.6
51	30.4	33.4	50.2#
86	59.7	54.2	81.4



#31
Cyclohexane
Concen: 1.205 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005844.D
Acq: 25 Aug 2021 16:48

Tgt Ion:	56	Resp:	518
Ion	Ratio	Lower	Upper
56	100		
69	131.6	27.7	41.5#
84	78.6	70.9	106.3

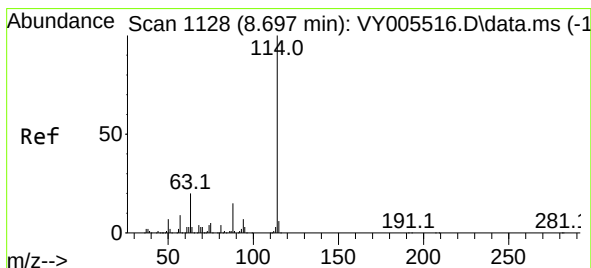
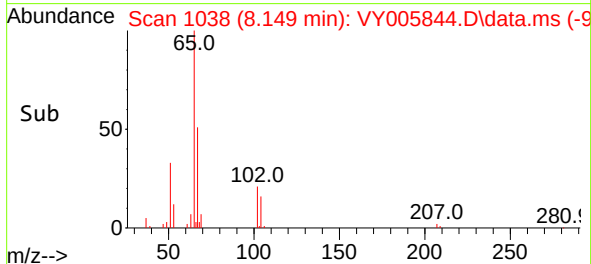
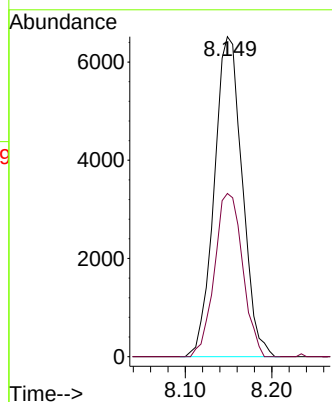
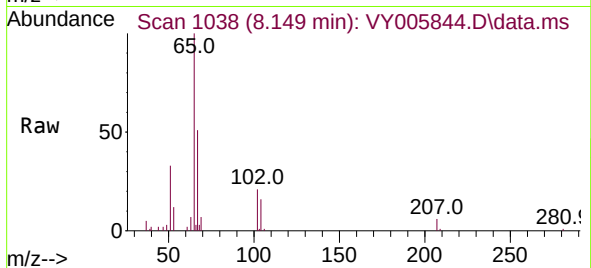




#33
1,2-Dichloroethane-d4
Concen: 58.432 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005844.D
Acq: 25 Aug 2021 16:48

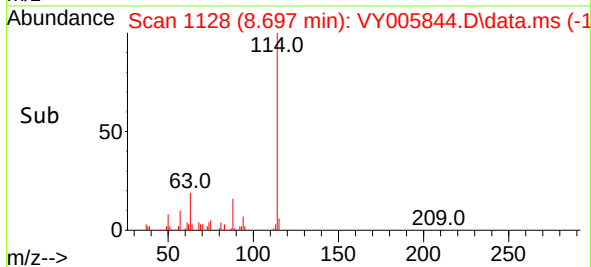
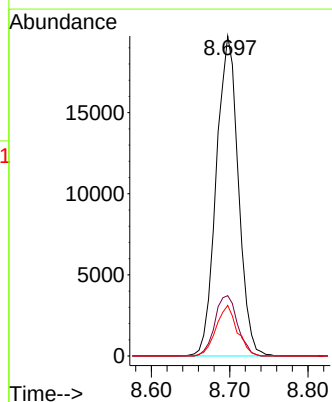
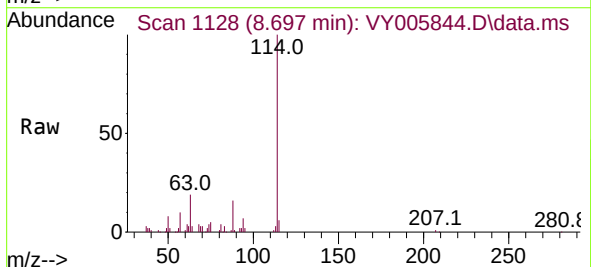
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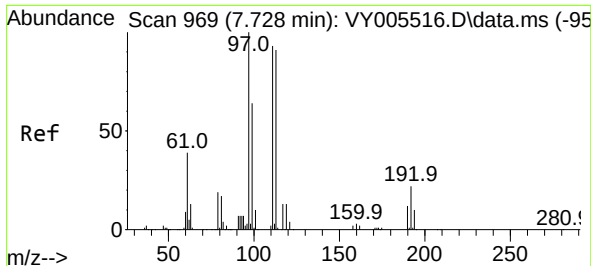
Tgt Ion: 65 Resp: 14645
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005844.D
Acq: 25 Aug 2021 16:48

Tgt Ion: 114 Resp: 38634
Ion Ratio Lower Upper
114 100
63 18.8 0.0 39.2
88 15.8 0.0 30.8

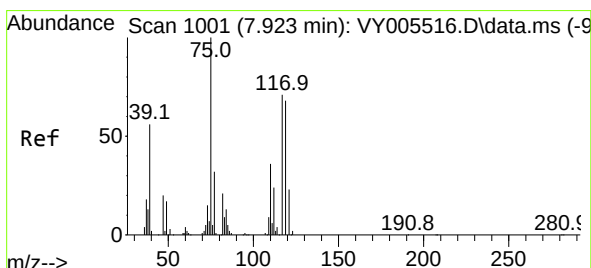
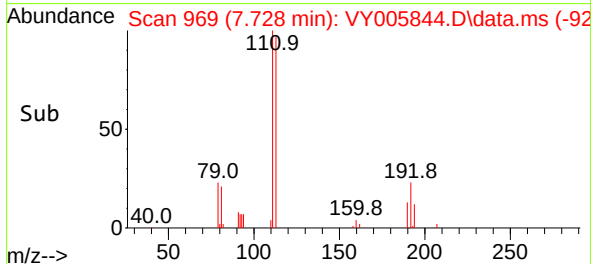
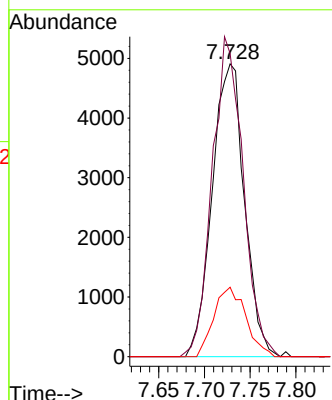
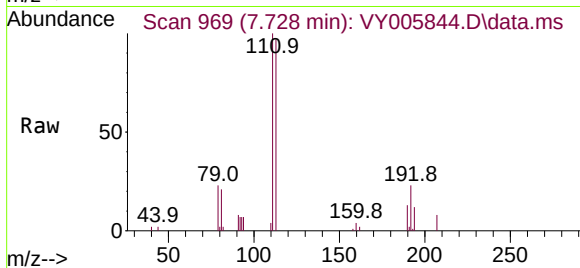




#35
Dibromofluoromethane
Concen: 55.820 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005844.D
Acq: 25 Aug 2021 16:48

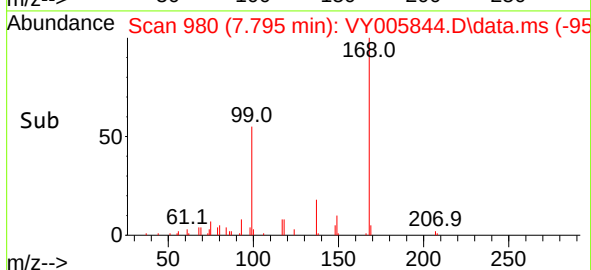
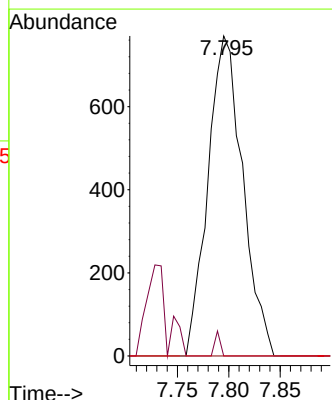
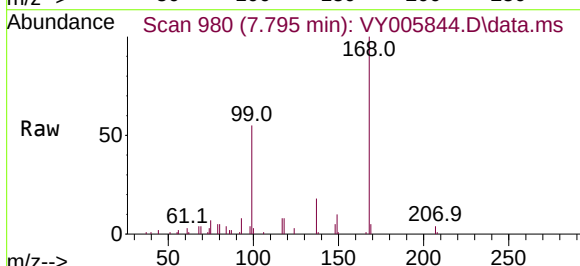
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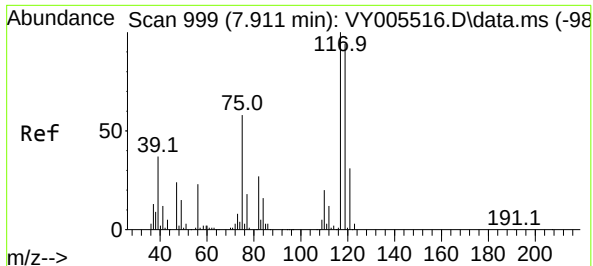
Tgt Ion:	113	Resp:	12074
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.9	122.9
192	23.5	19.2	28.8



#36
1,1-Dichloropropene
Concen: 4.992 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005844.D
Acq: 25 Aug 2021 16:48

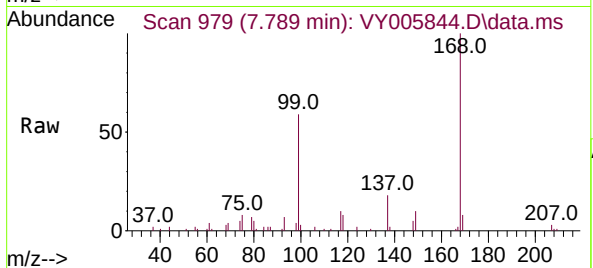
Tgt Ion:	75	Resp:	1809
Ion	Ratio	Lower	Upper
75	100		
110	1.2	18.1	54.1#
77	0.0	25.1	37.7#



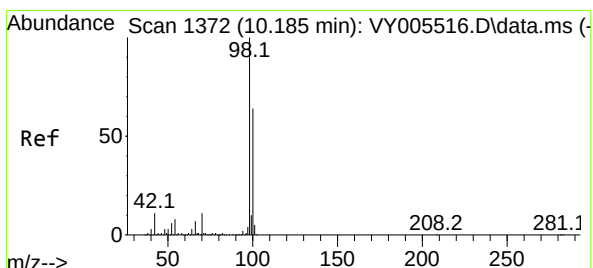
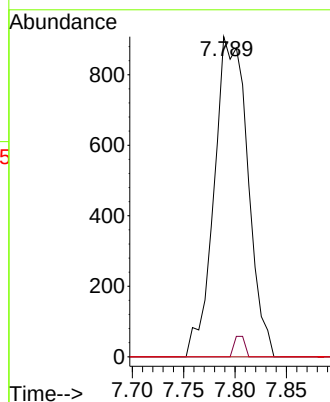
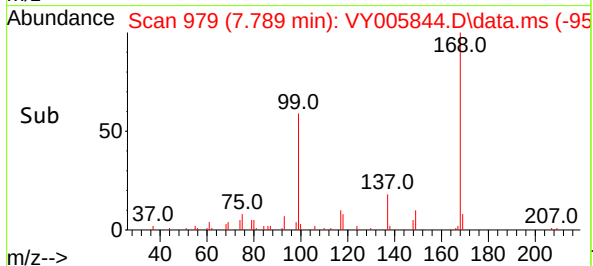


#38
Carbon Tetrachloride
Concen: 5.228 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY005844.D
Acq: 25 Aug 2021 16:48

Instrument :
MSVOA_Y
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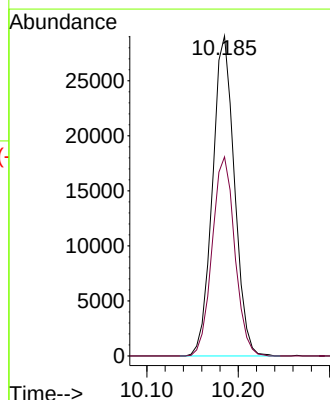
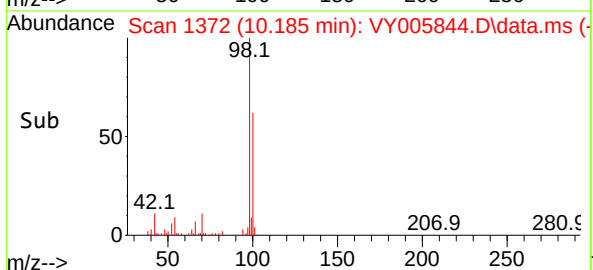
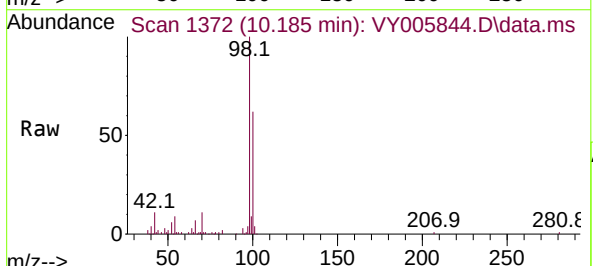


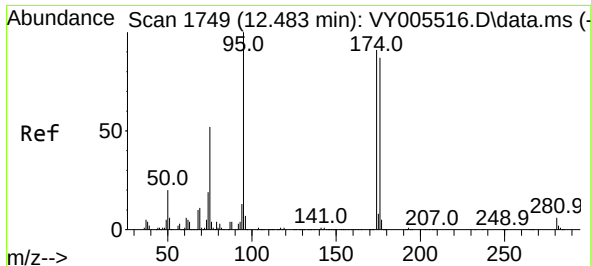
Tgt Ion:117 Resp: 2059
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.357 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005844.D
Acq: 25 Aug 2021 16:48

Tgt Ion: 98 Resp: 48403
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9

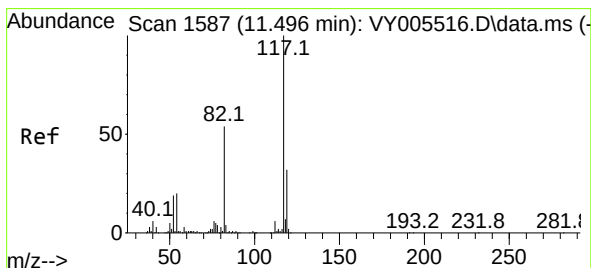
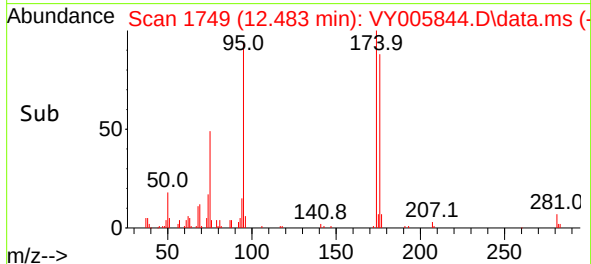
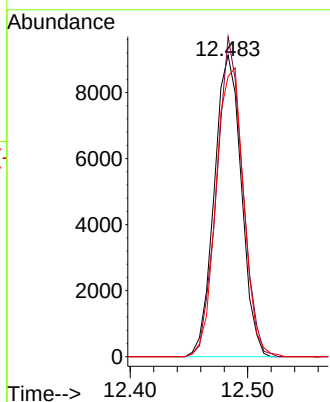
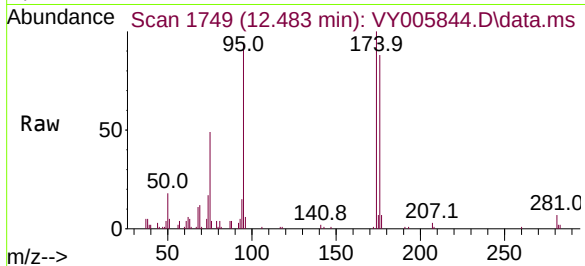




#62
4-Bromofluorobenzene
Concen: 48.817 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005844.D
Acq: 25 Aug 2021 16:48

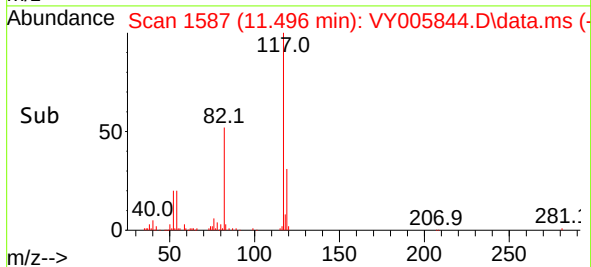
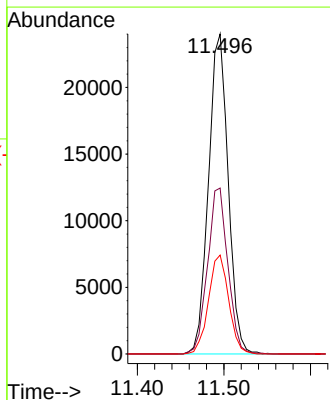
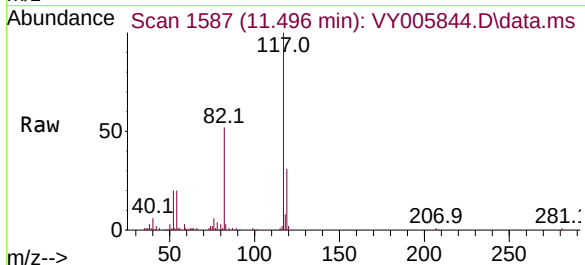
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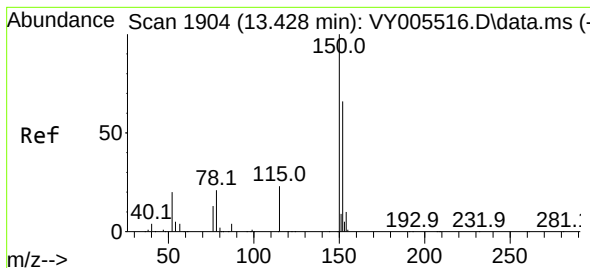
Tgt Ion:	95	Resp:	14665
Ion Ratio	Lower	Upper	
95	100		
174	100.8	0.0	191.4
176	98.0	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005844.D
Acq: 25 Aug 2021 16:48

Tgt Ion:	117	Resp:	37867
Ion Ratio	Lower	Upper	
117	100		
82	51.9	43.5	65.3
119	30.9	25.5	38.3

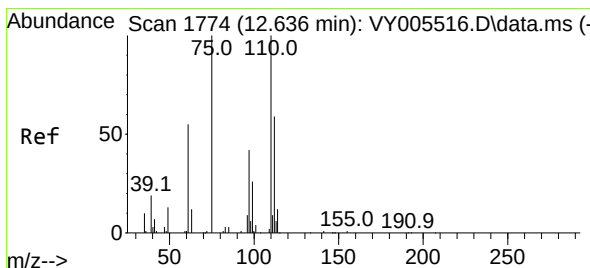
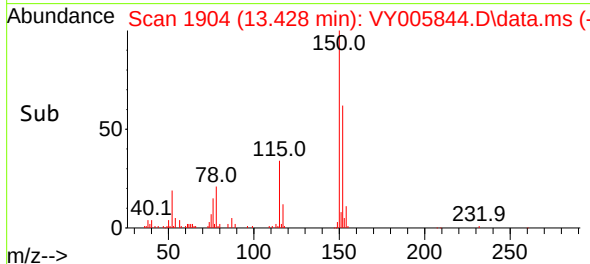
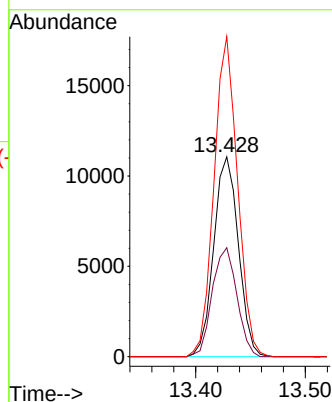
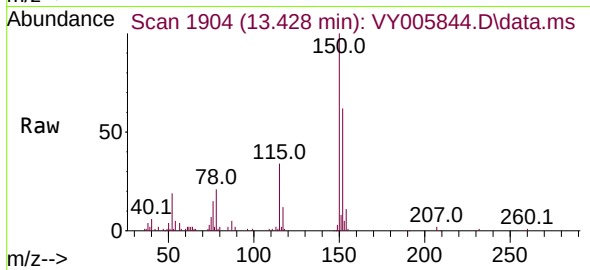




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005844.D
 Acq: 25 Aug 2021 16:48

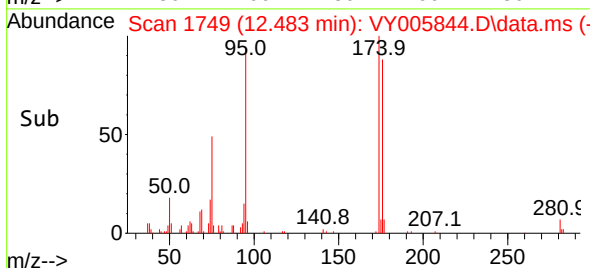
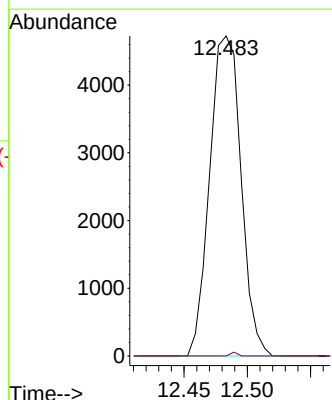
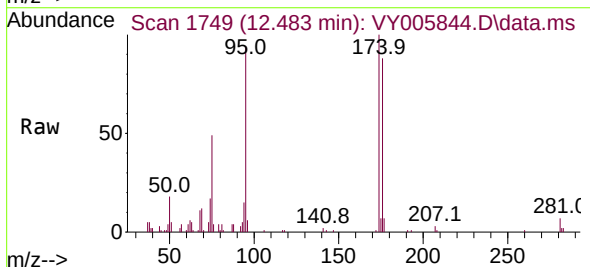
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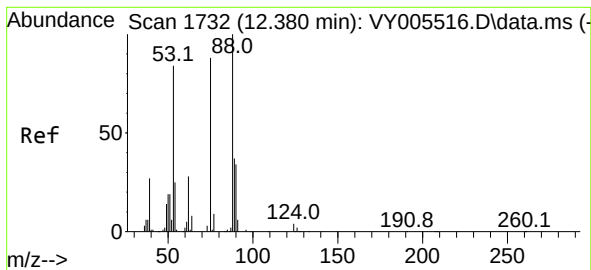
Tgt Ion:152 Resp: 17300
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.3 81.9
 150 152.6 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 45.354 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005844.D
 Acq: 25 Aug 2021 16:48

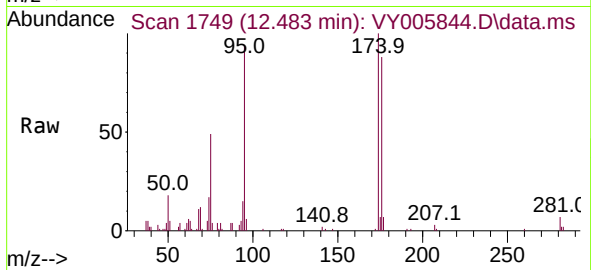
Tgt Ion: 75 Resp: 8131
 Ion Ratio Lower Upper
 75 100
 77 0.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.428 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005844.D
 Acq: 25 Aug 2021 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-0824-21RE



Tgt Ion: 75 Resp: 8131
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

