

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005814.D
 Acq On : 24 Aug 2021 12:05
 Operator : SY/MD
 Sample : M3507-02
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 130-B

Quant Time: Aug 25 04:29:02 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)

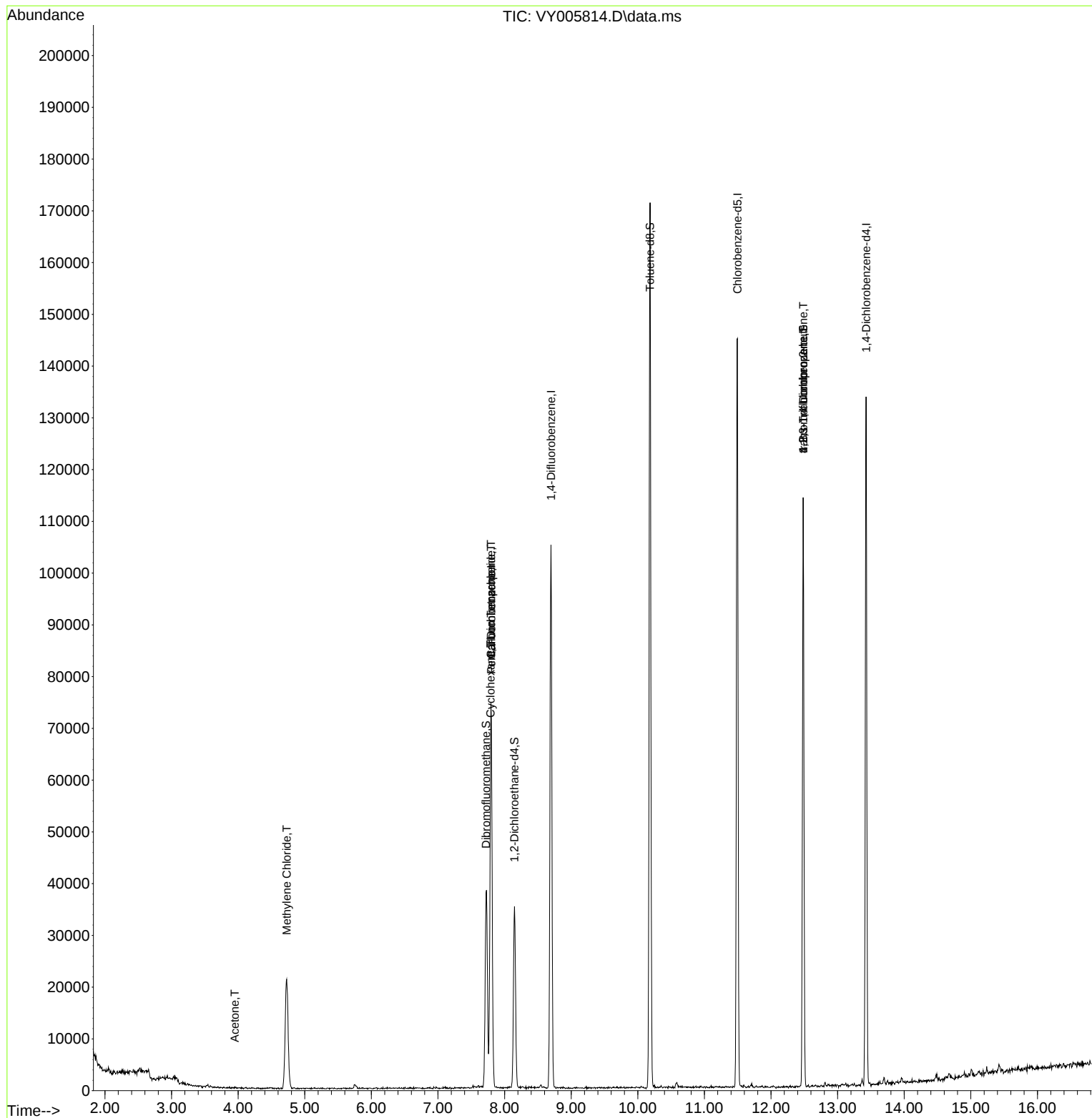
Internal Standards						
1) Pentafluorobenzene	7.801	168	60377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	89971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	81453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	35639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	28941	47.354	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.700%			
35) Dibromofluoromethane	7.722	113	26191	51.995	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.980%			
50) Toluene-d8	10.185	98	112647	53.322	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.640%			
62) 4-Bromofluorobenzene	12.483	95	31965	45.691	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.380%			
Target Compounds						
16) Acetone	3.948	43	226	1.467	ug/l #	45
20) Methylene Chloride	4.728	84	16341	23.546	ug/l	89
31) Cyclohexane	7.789	56	1248	1.190	ug/l #	19
36) 1,1-Dichloropropene	7.795	75	4368	5.176	ug/l #	48
38) Carbon Tetrachloride	7.795	117	5447	5.939	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	17251	46.710	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	17251	94.161	ug/l #	11

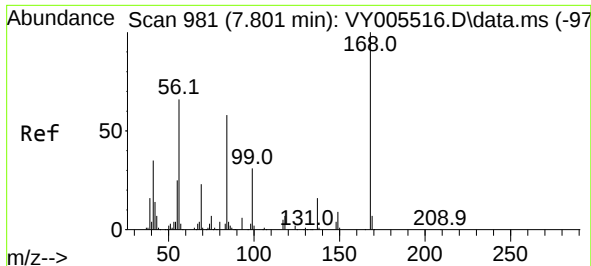
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

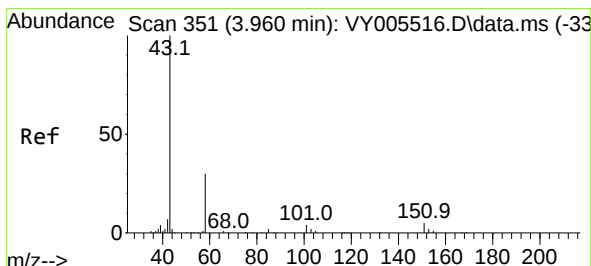
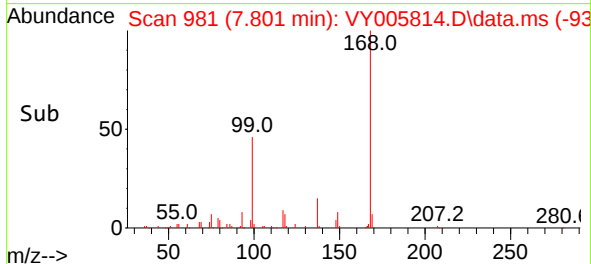
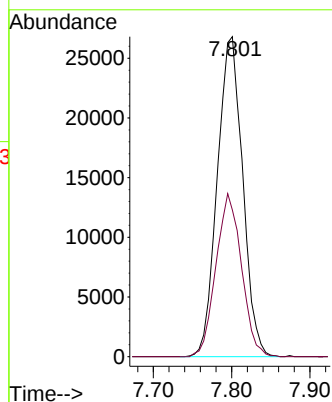
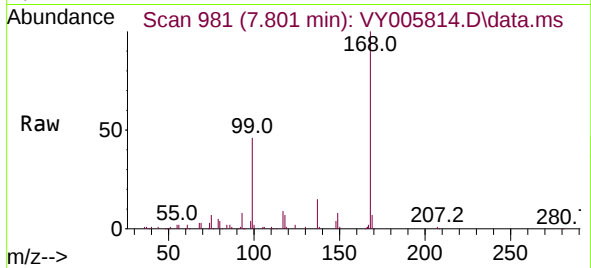




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005814.D
Acq: 24 Aug 2021 12:05

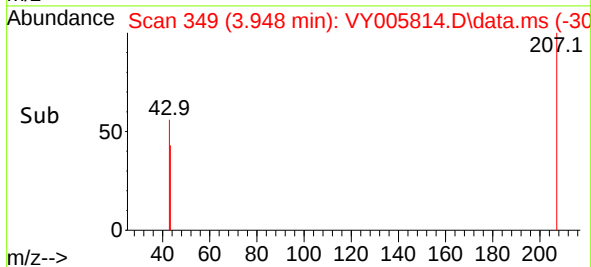
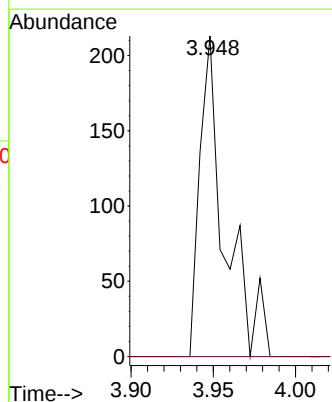
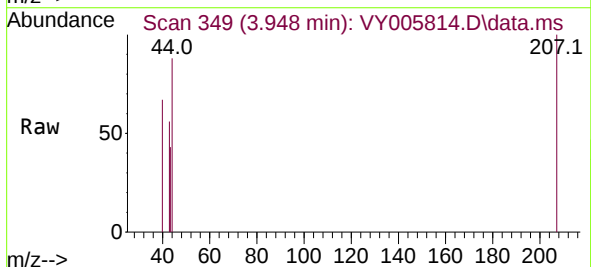
Instrument :
MSVOA_Y
ClientSampled :
130-B

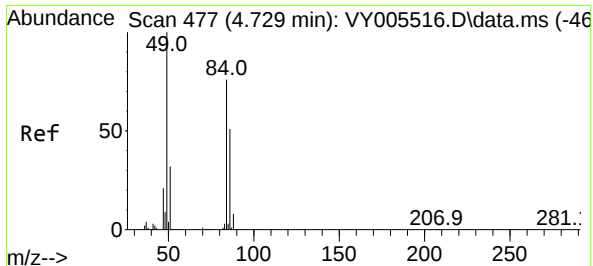
Tgt Ion:168 Resp: 60377
Ion Ratio Lower Upper
168 100
99 45.8 38.9 58.3



#16
Acetone
Concen: 1.467 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005814.D
Acq: 24 Aug 2021 12:05

Tgt Ion: 43 Resp: 226
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#





#20

Methylene Chloride

Concen: 23.546 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY005814.D

Acq: 24 Aug 2021 12:05

Instrument :

MSVOA_Y

ClientSampleId :

130-B

Tgt Ion: 84 Resp: 16341

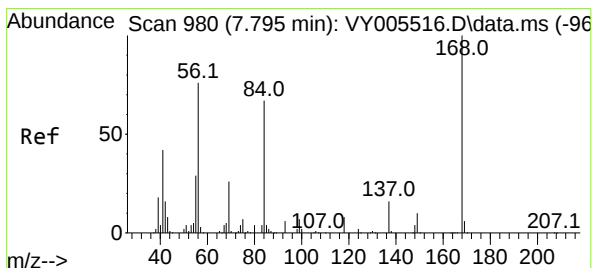
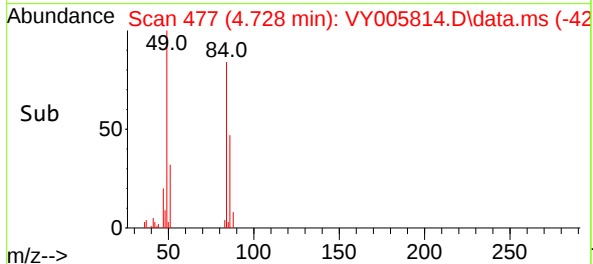
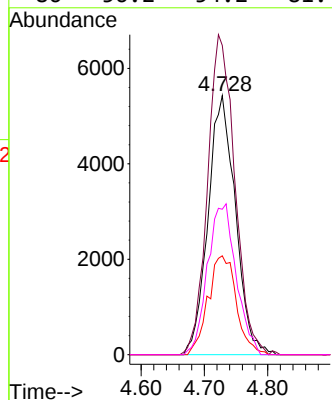
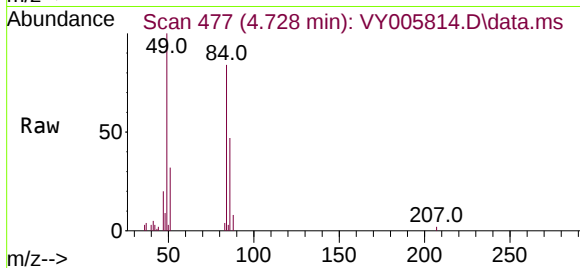
Ion Ratio Lower Upper

84 100

49 119.4 105.8 158.6

51 38.1 33.4 50.2

86 56.2 54.2 81.4



#31

Cyclohexane

Concen: 1.190 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY005814.D

Acq: 24 Aug 2021 12:05

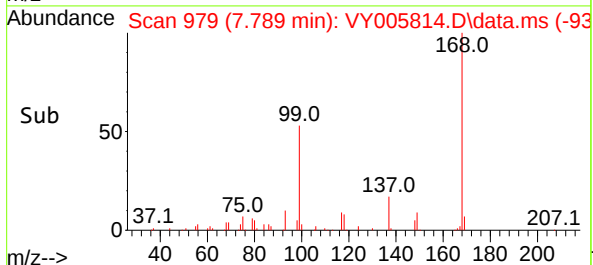
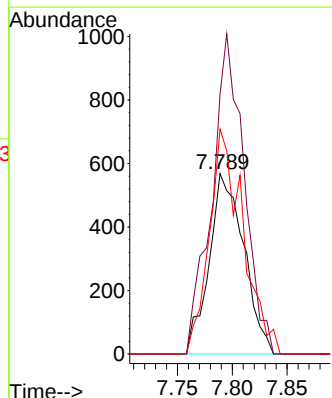
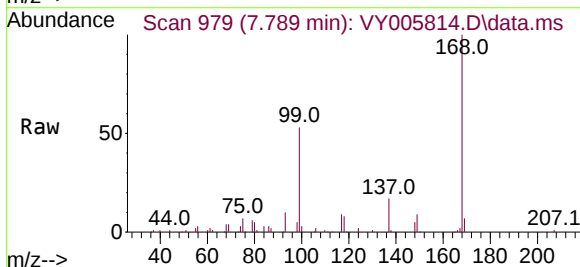
Tgt Ion: 56 Resp: 1248

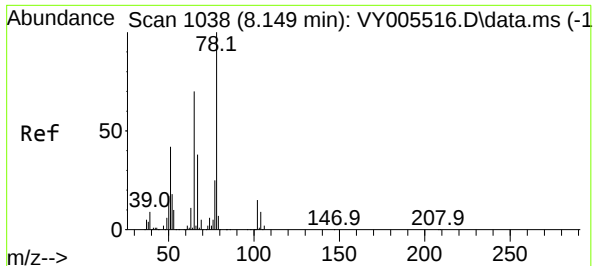
Ion Ratio Lower Upper

56 100

69 144.0 27.7 41.5#

84 124.6 70.9 106.3#

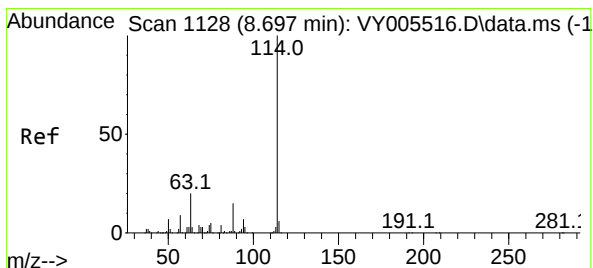
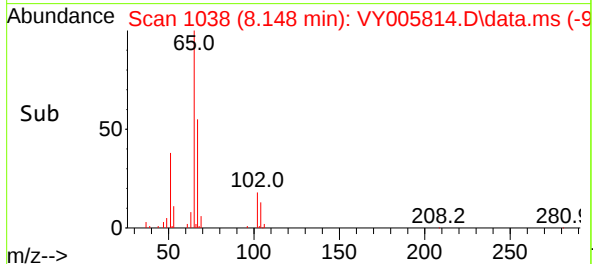
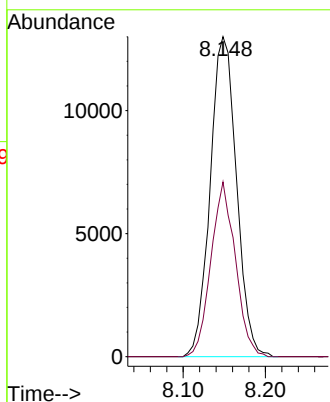
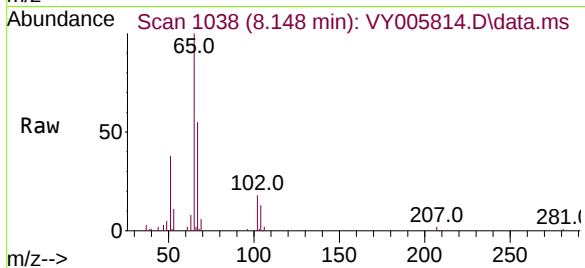




#33
1,2-Dichloroethane-d4
Concen: 47.354 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005814.D
Acq: 24 Aug 2021 12:05

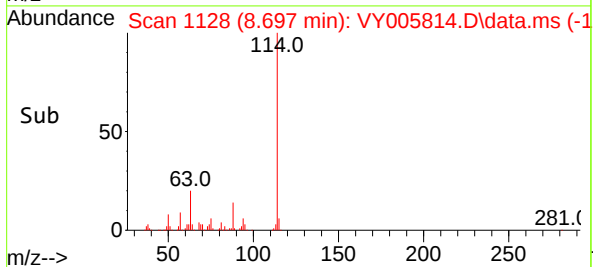
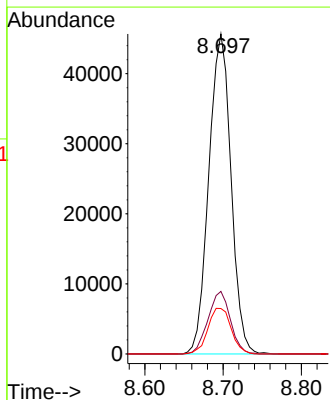
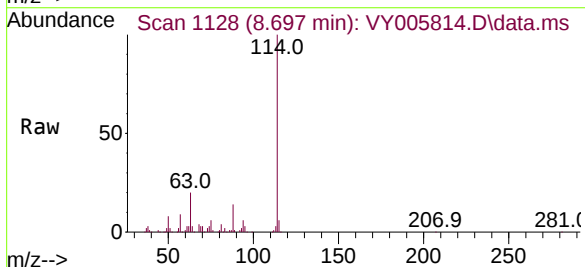
Instrument :
MSVOA_Y
ClientSampled :
130-B

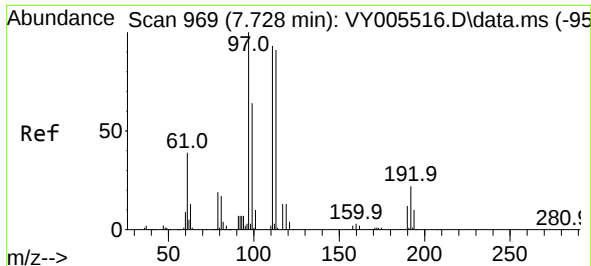
Tgt Ion: 65 Resp: 28941
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005814.D
Acq: 24 Aug 2021 12:05

Tgt Ion: 114 Resp: 89971
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.2
88 14.2 0.0 30.8

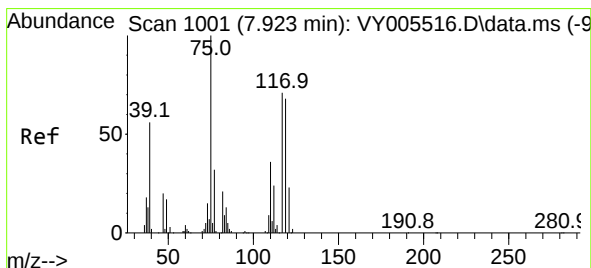
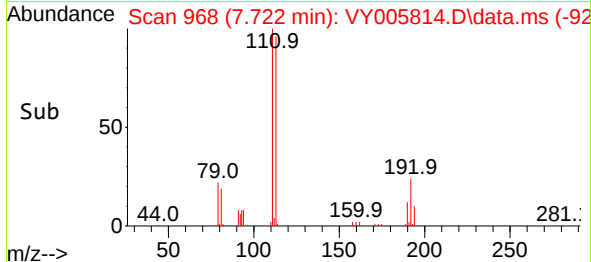
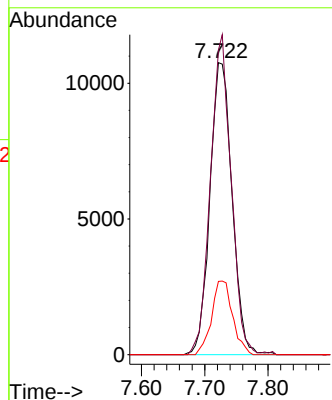
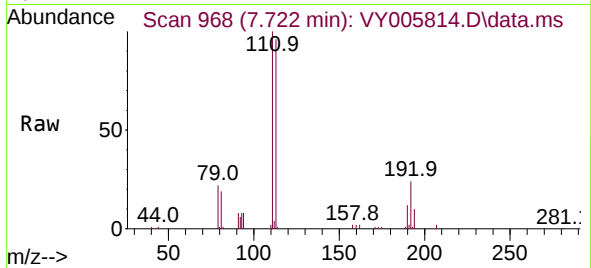




#35
Dibromofluoromethane
Concen: 51.995 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005814.D
Acq: 24 Aug 2021 12:05

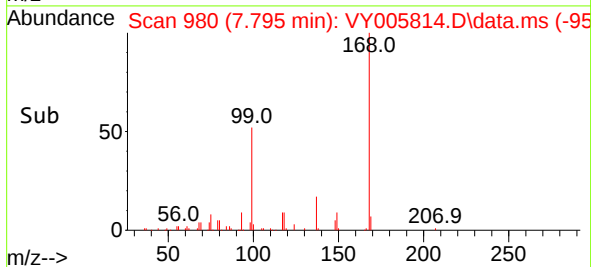
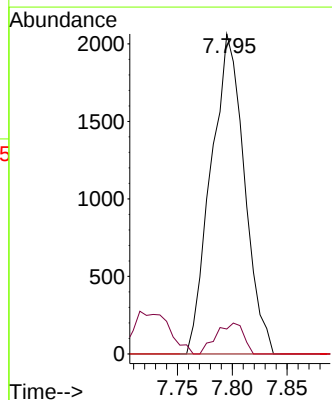
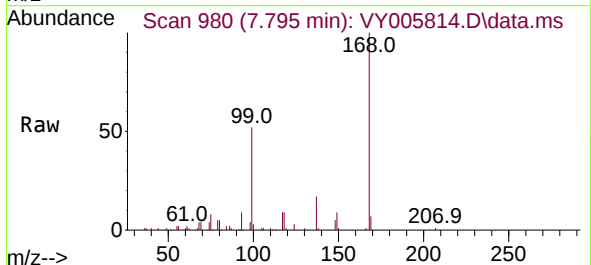
Instrument :
MSVOA_Y
ClientSampled :
130-B

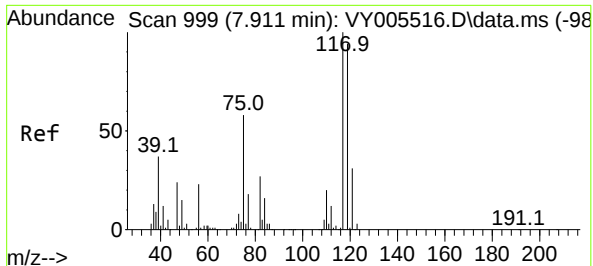
Tgt Ion:113 Resp: 26191
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 23.9 19.2 28.8



#36
1,1-Dichloropropene
Concen: 5.176 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005814.D
Acq: 24 Aug 2021 12:05

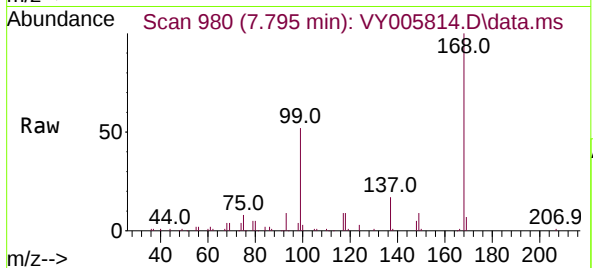
Tgt Ion: 75 Resp: 4368
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.1#
77 0.0 25.1 37.7#



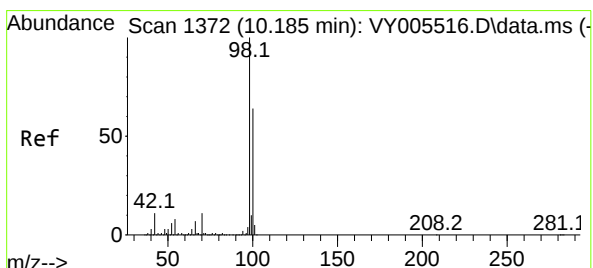
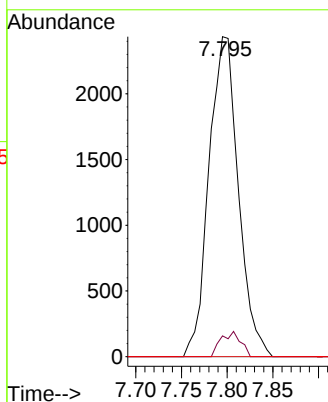
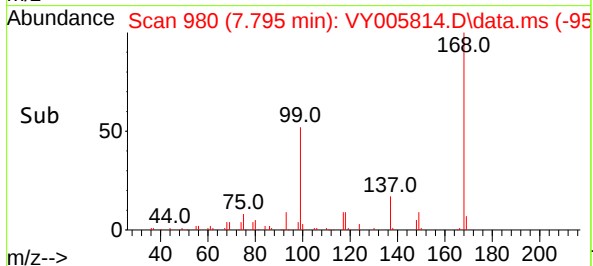


#38
Carbon Tetrachloride
Concen: 5.939 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005814.D
Acq: 24 Aug 2021 12:05

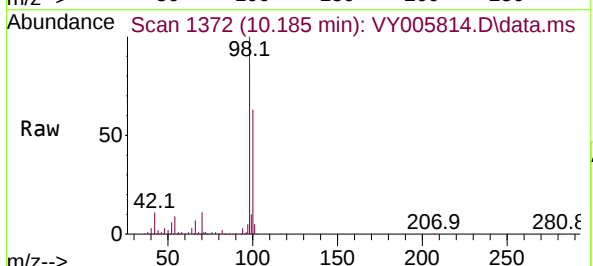
Instrument :
MSVOA_Y
ClientSampled :
130-B



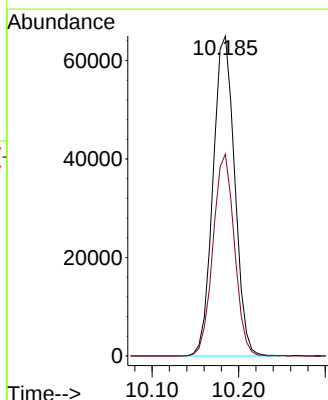
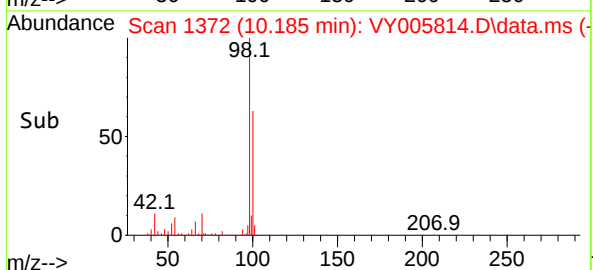
Tgt Ion:117 Resp: 5447
Ion Ratio Lower Upper
117 100
119 6.5 75.4 113.0#
121 0.0 25.1 37.7#

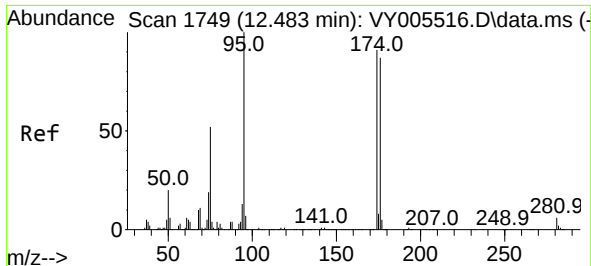


#50
Toluene-d8
Concen: 53.322 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005814.D
Acq: 24 Aug 2021 12:05



Tgt Ion: 98 Resp: 112647
Ion Ratio Lower Upper
98 100
100 62.4 51.3 76.9

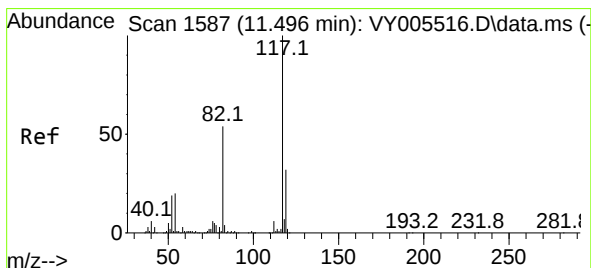
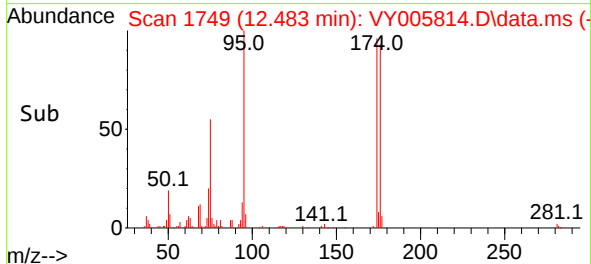
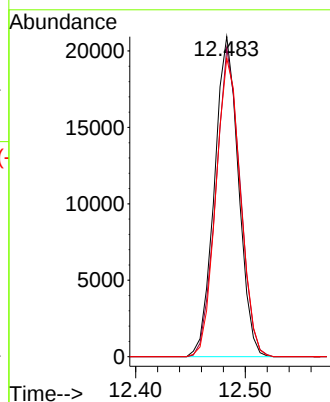
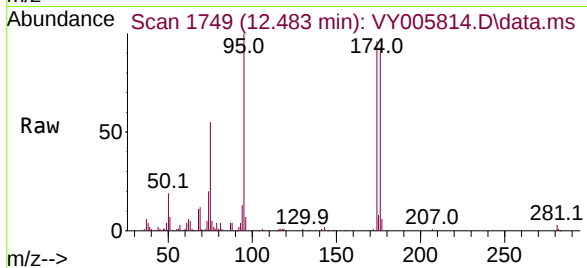




#62
4-Bromofluorobenzene
Concen: 45.691 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005814.D
Acq: 24 Aug 2021 12:05

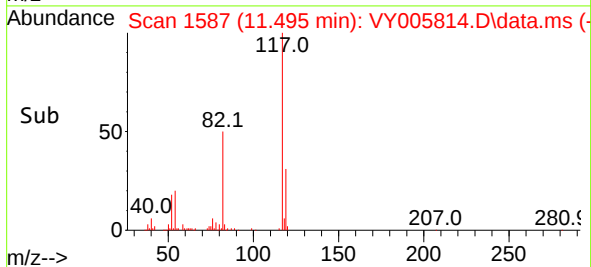
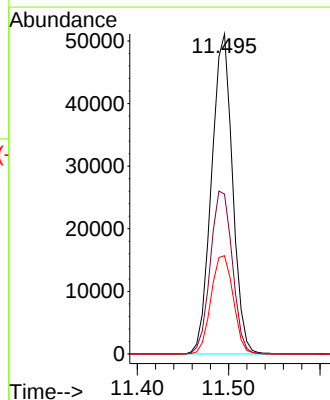
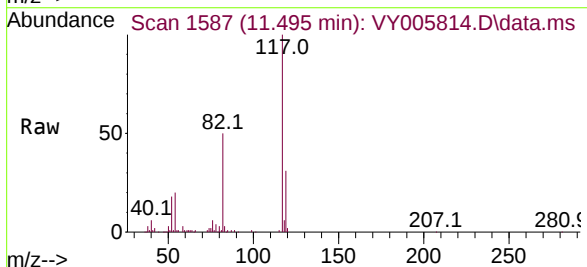
Instrument :
MSVOA_Y
ClientSampleId :
130-B

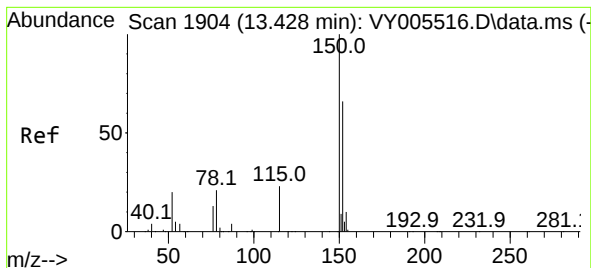
Tgt Ion:	95	Resp:	31965
Ion Ratio	Lower	Upper	
95	100		
174	96.9	0.0	191.4
176	95.3	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005814.D
Acq: 24 Aug 2021 12:05

Tgt Ion:	117	Resp:	81453
Ion Ratio	Lower	Upper	
117	100		
82	50.0	43.5	65.3
119	30.7	25.5	38.3

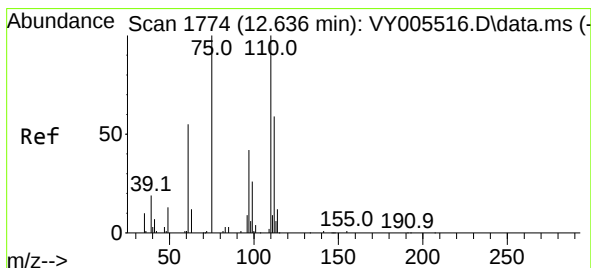
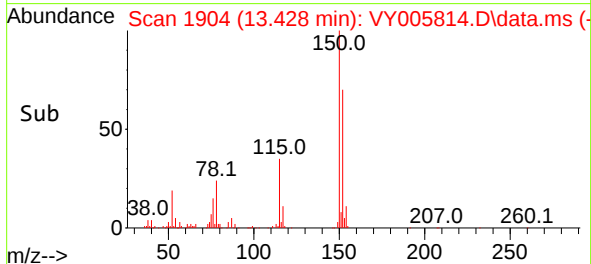
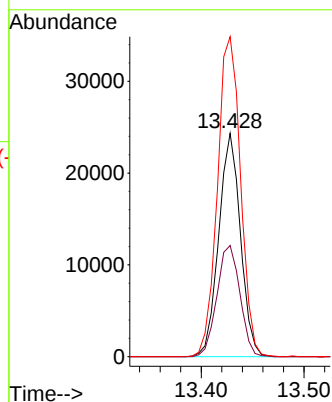
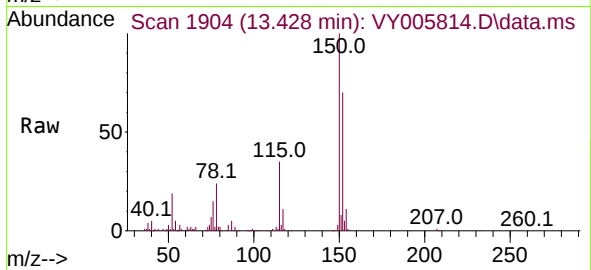




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005814.D
 Acq: 24 Aug 2021 12:05

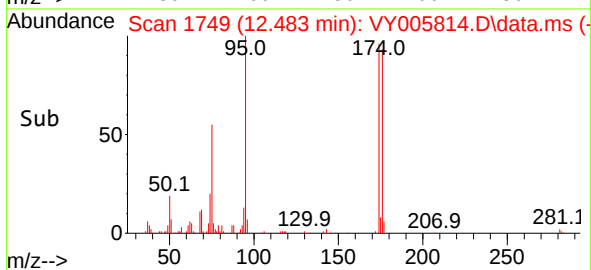
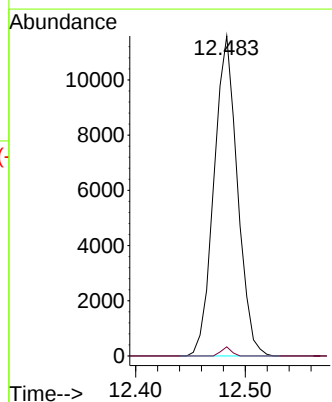
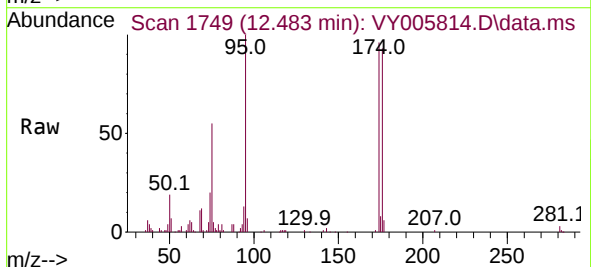
Instrument :
 MSVOA_Y
 ClientSampled :
 130-B

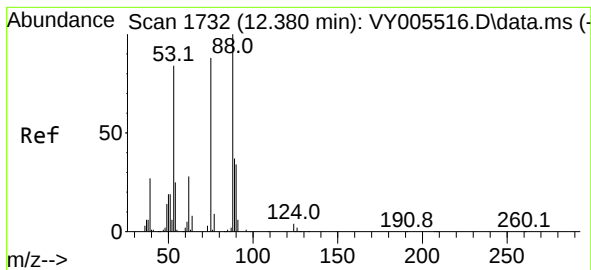
Tgt Ion:152 Resp: 35639
 Ion Ratio Lower Upper
 152 100
 115 52.8 27.3 81.9
 150 152.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.710 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005814.D
 Acq: 24 Aug 2021 12:05

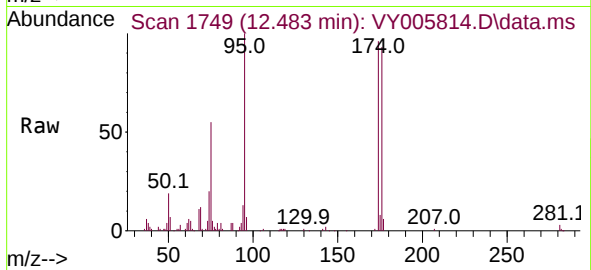
Tgt Ion: 75 Resp: 17251
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.161 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005814.D
 Acq: 24 Aug 2021 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 130-B



Tgt Ion: 75 Resp: 17251
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.0 38.4 57.6#

