

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082721\
 Data File : VY005881.D
 Acq On : 27 Aug 2021 14:19
 Operator : SY/MD
 Sample : M3564-01
 Misc : 4.58G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 03:51:26 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)

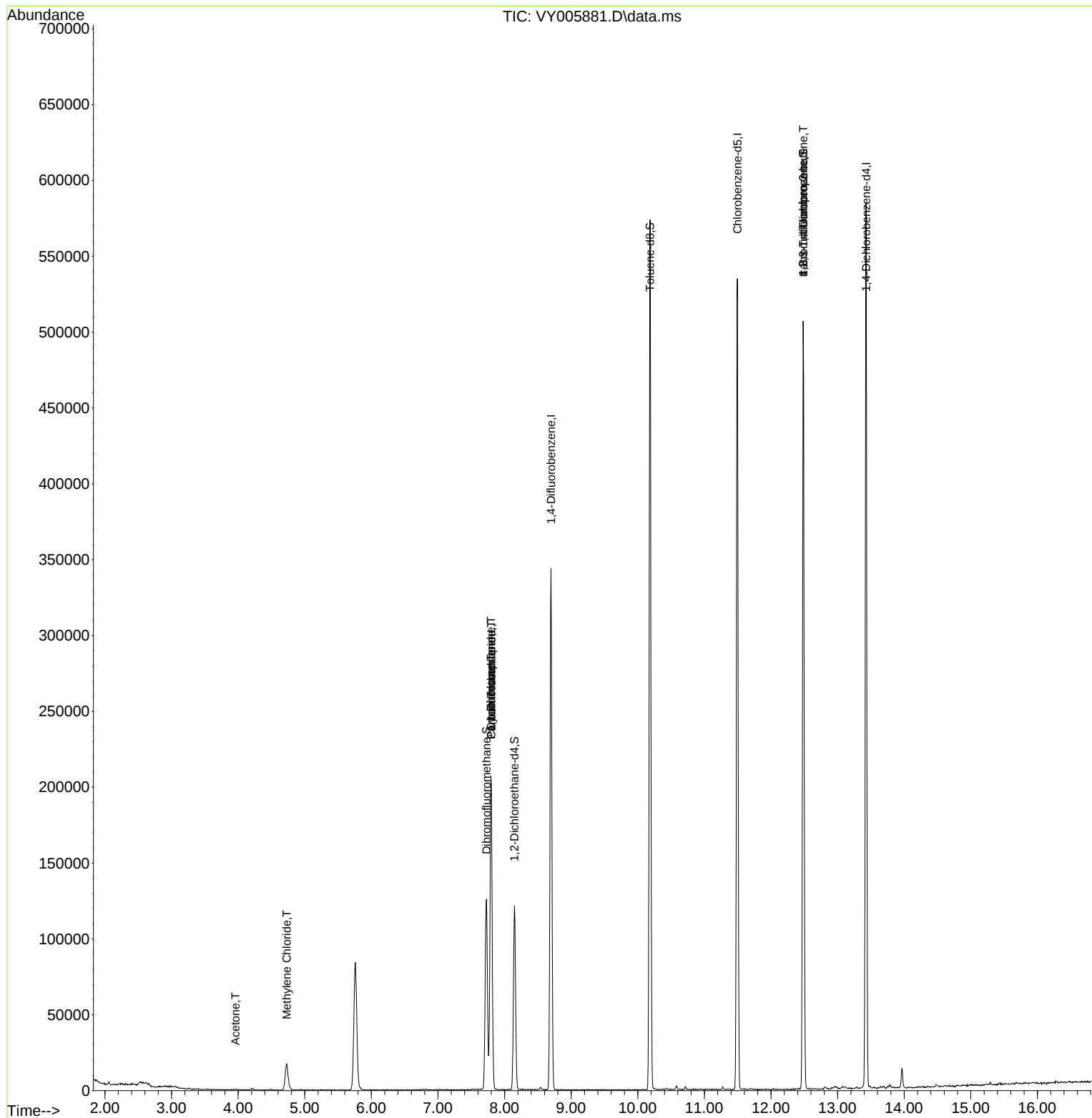
Internal Standards						
1) Pentafluorobenzene	7.801	168	169933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	286677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	294150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	99062	57.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.180%	
35) Dibromofluoromethane	7.728	113	86685	54.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.020%	
50) Toluene-d8	10.185	98	370718	55.073	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.140%	
62) 4-Bromofluorobenzene	12.483	95	126758	56.865	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.720%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	695	1.603	ug/l #	59
20) Methylene Chloride	4.728	84	12618	1.452	ug/l	92
31) Cyclohexane	7.795	56	3377	1.145	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11908	4.429	ug/l #	49
38) Carbon Tetrachloride	7.801	117	15362	5.257	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	69434	44.667	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69434	90.042	ug/l #	11

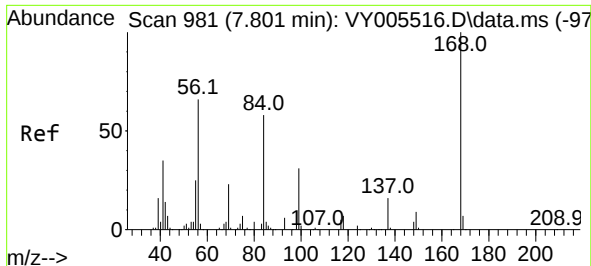
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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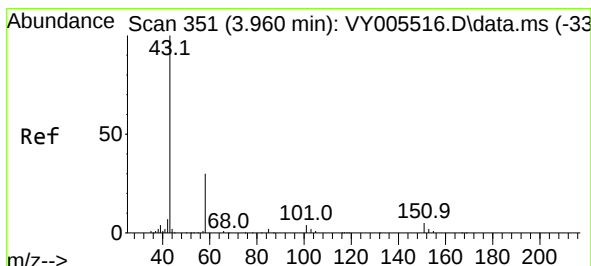
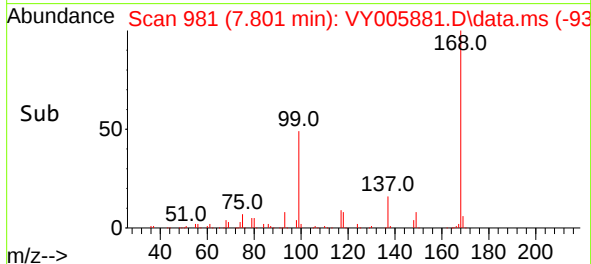
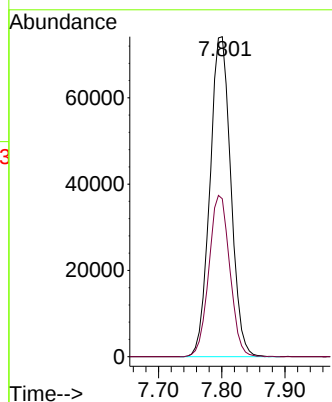
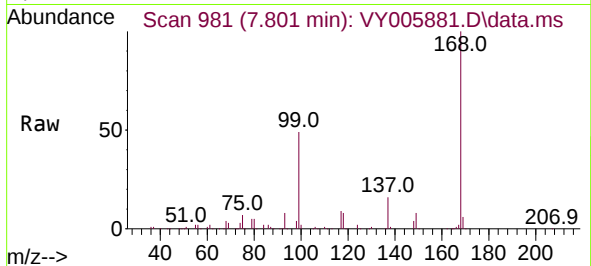




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005881.D
Acq: 27 Aug 2021 14:19

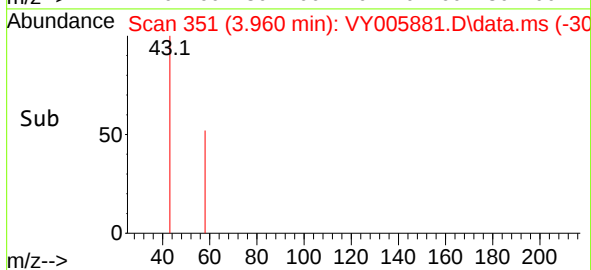
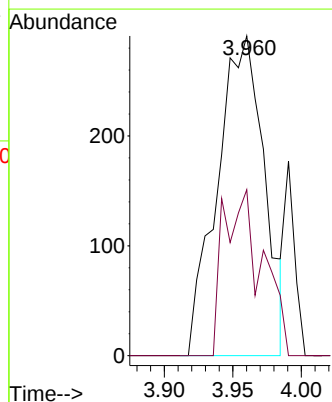
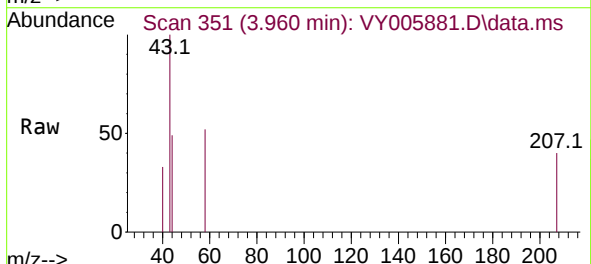
Instrument :
MSVOA_Y
ClientSampled :

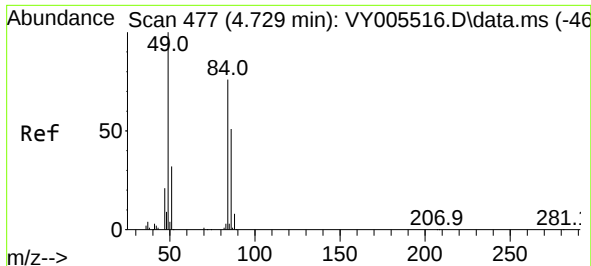
Tgt Ion:168 Resp: 169933
Ion Ratio Lower Upper
168 100
99 49.3 38.9 58.3



#16
Acetone
Concen: 1.603 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005881.D
Acq: 27 Aug 2021 14:19

Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
58 51.9 23.8 35.6#



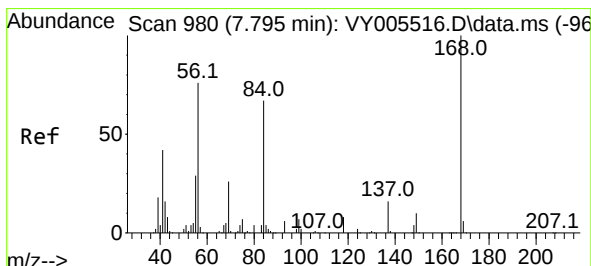
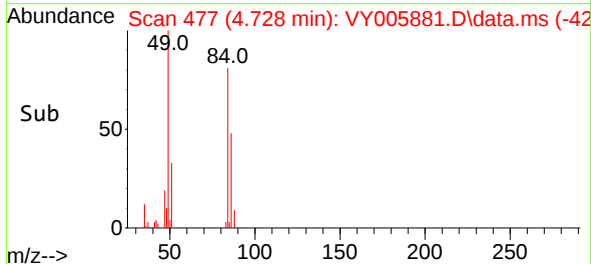
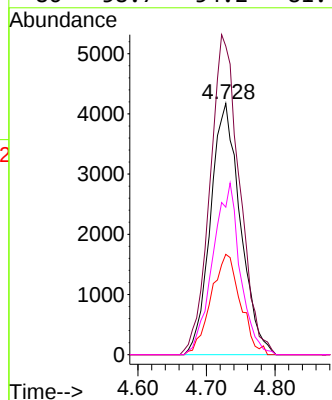
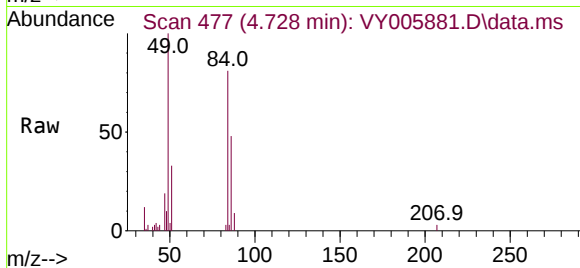


#20
Methylene Chloride
Concen: 1.452 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005881.D
Acq: 27 Aug 2021 14:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 12618

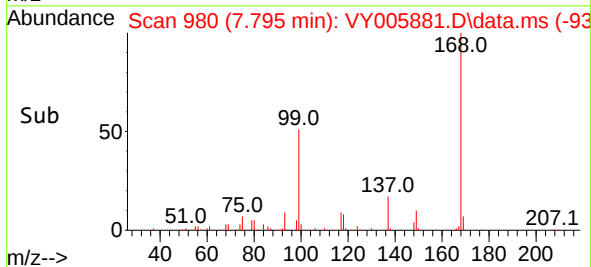
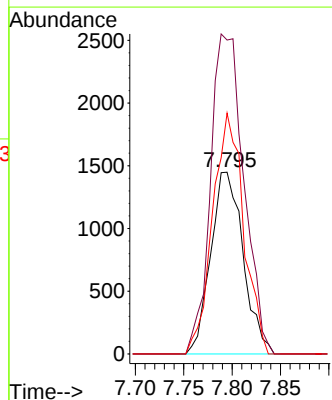
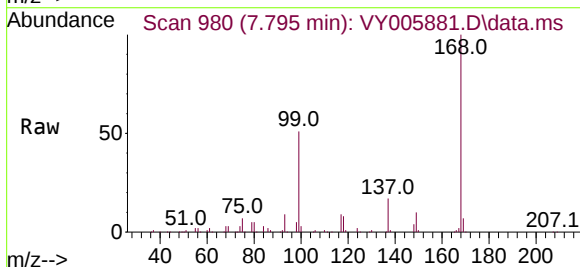
Ion	Ratio	Lower	Upper
84	100		
49	122.8	105.8	158.6
51	39.9	33.4	50.2
86	58.7	54.2	81.4

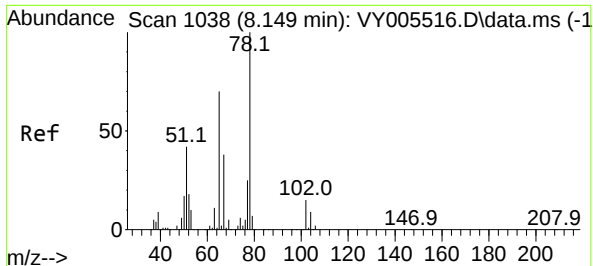


#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005881.D
Acq: 27 Aug 2021 14:19

Tgt Ion: 56 Resp: 3377

Ion	Ratio	Lower	Upper
56	100		
69	172.7	27.7	41.5#
84	132.4	70.9	106.3#

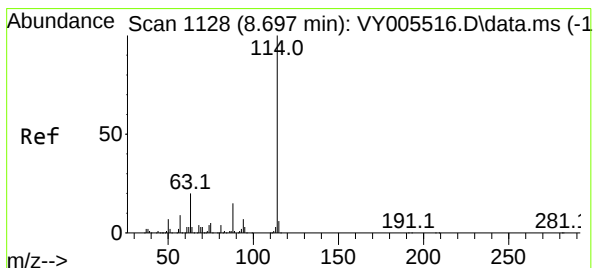
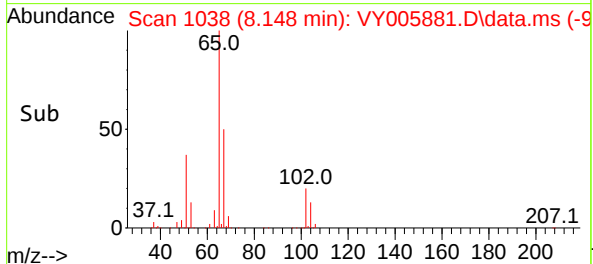
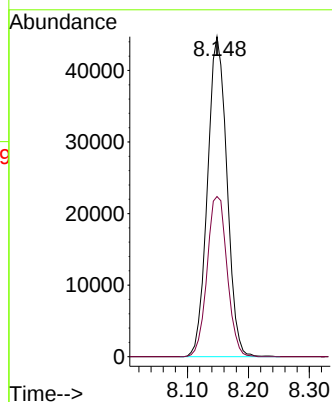
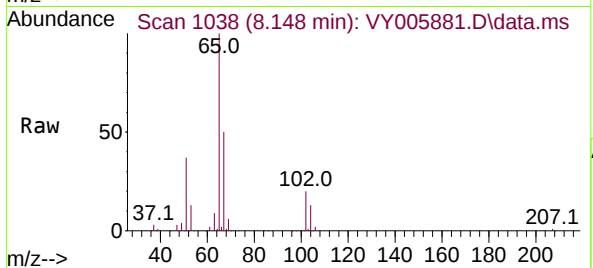




#33
1,2-Dichloroethane-d4
Concen: 57.589 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005881.D
Acq: 27 Aug 2021 14:19

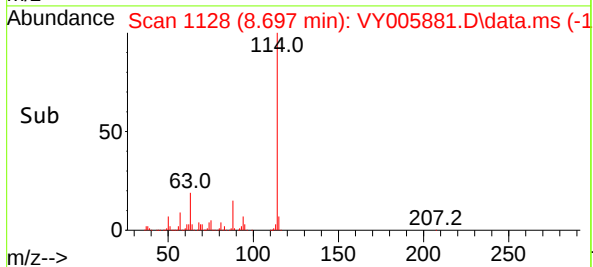
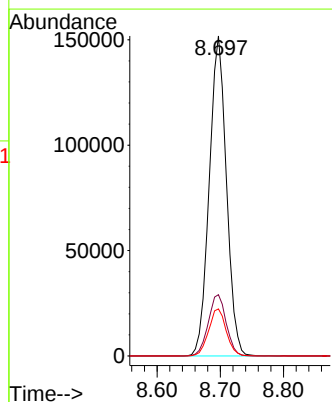
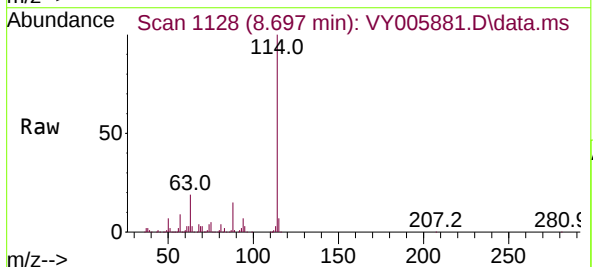
Instrument :
MSVOA_Y
ClientSampled :

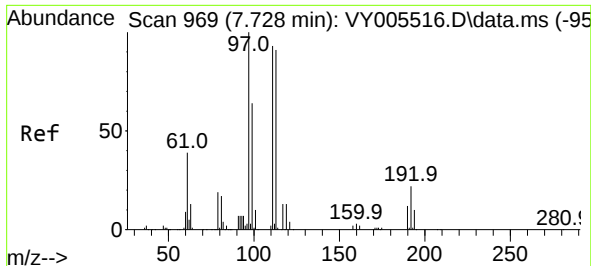
Tgt Ion: 65 Resp: 99062
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005881.D
Acq: 27 Aug 2021 14:19

Tgt Ion: 114 Resp: 286677
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.2
88 14.7 0.0 30.8

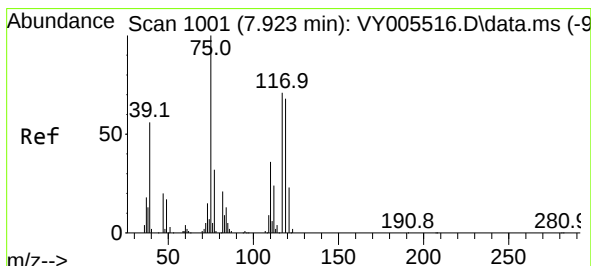
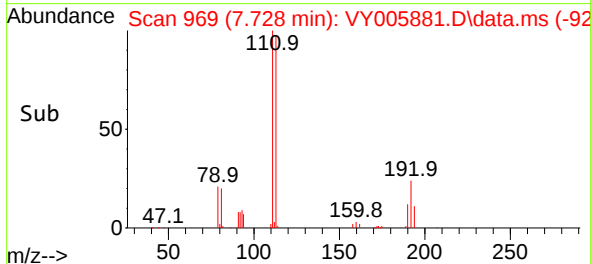
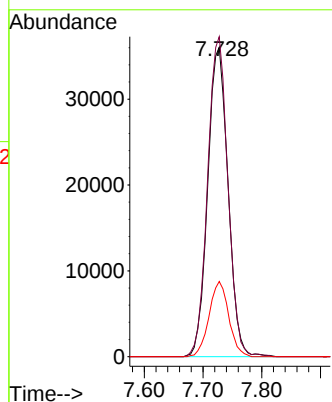
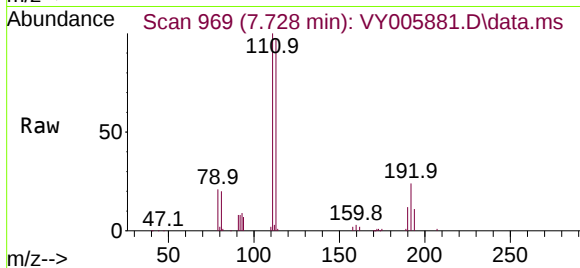




#35
Dibromofluoromethane
Concen: 54.008 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005881.D
Acq: 27 Aug 2021 14:19

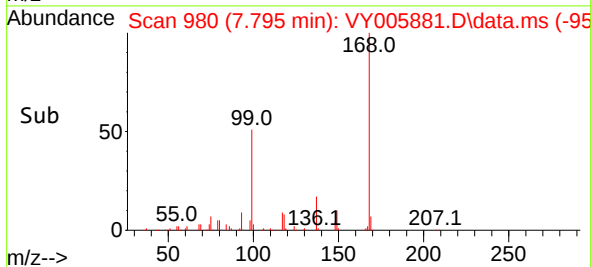
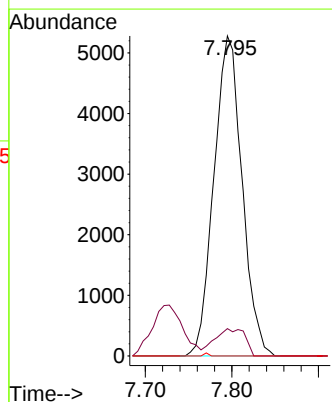
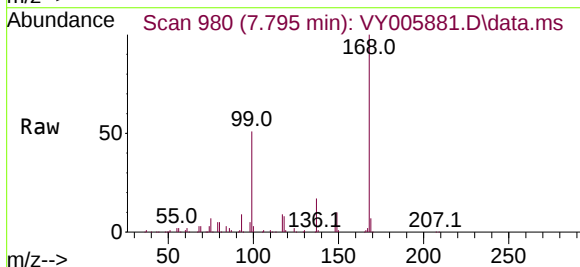
Instrument :
MSVOA_Y
ClientSampleId :

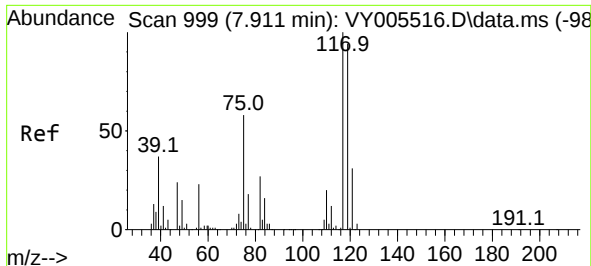
Tgt Ion:113 Resp: 86685
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 23.6 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.429 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005881.D
Acq: 27 Aug 2021 14:19

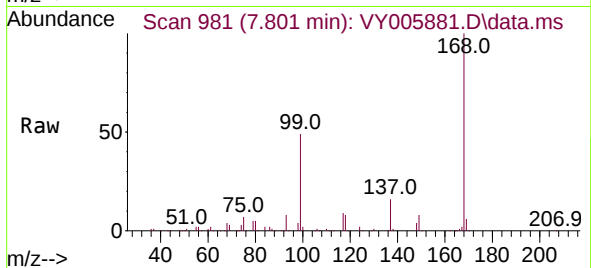
Tgt Ion: 75 Resp: 11908
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.1#
77 0.0 25.1 37.7#



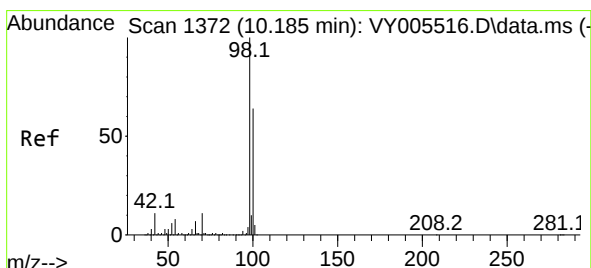
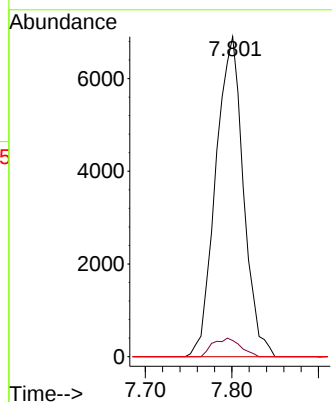
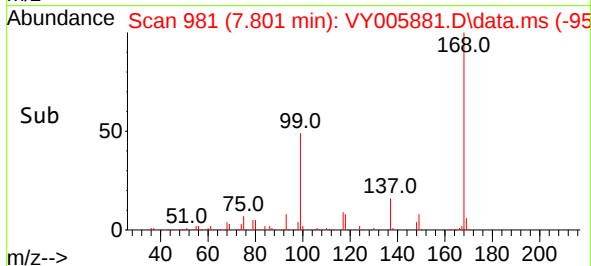


#38
Carbon Tetrachloride
Concen: 5.257 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005881.D
Acq: 27 Aug 2021 14:19

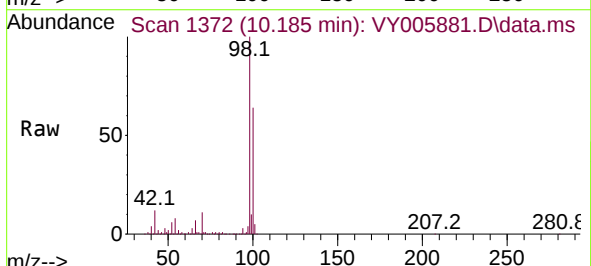
Instrument :
MSVOA_Y
ClientSampleId :



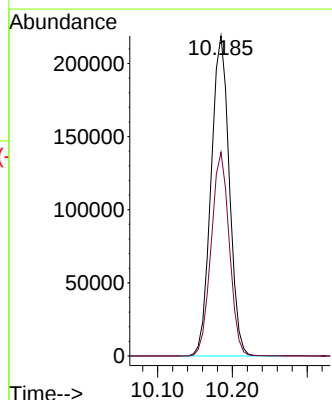
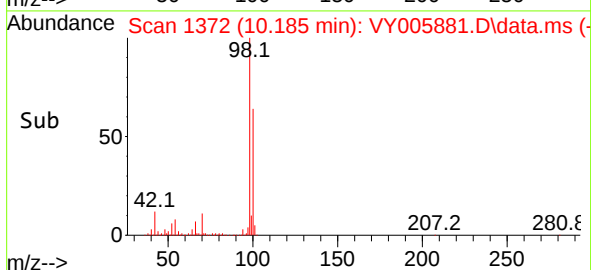
Tgt Ion:117 Resp: 15362
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.0#
121 0.0 25.1 37.7#

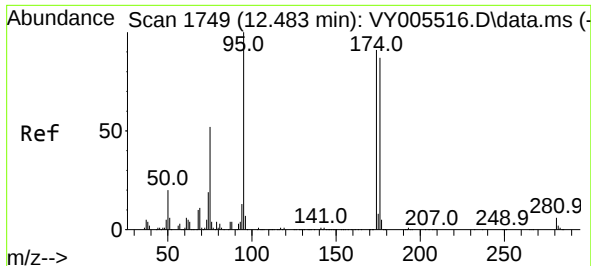


#50
Toluene-d8
Concen: 55.073 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005881.D
Acq: 27 Aug 2021 14:19



Tgt Ion: 98 Resp: 370718
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9

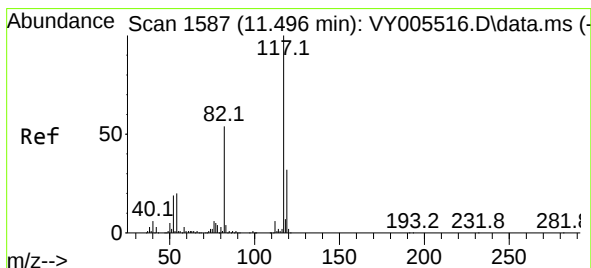
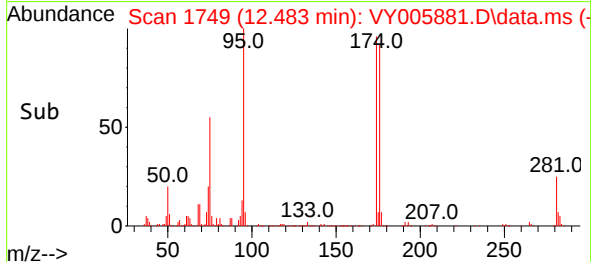
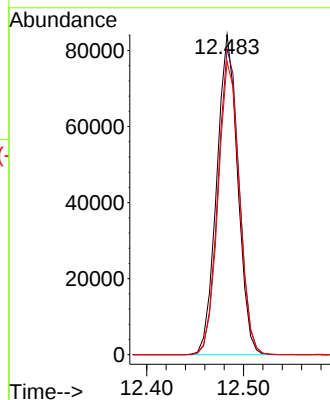
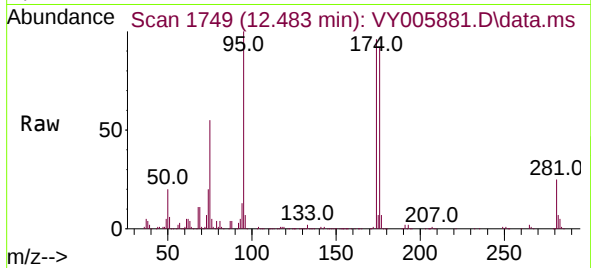




#62
4-Bromofluorobenzene
Concen: 56.865 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005881.D
Acq: 27 Aug 2021 14:19

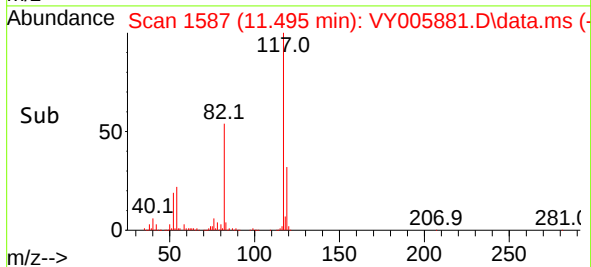
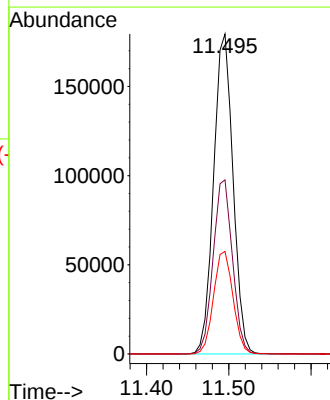
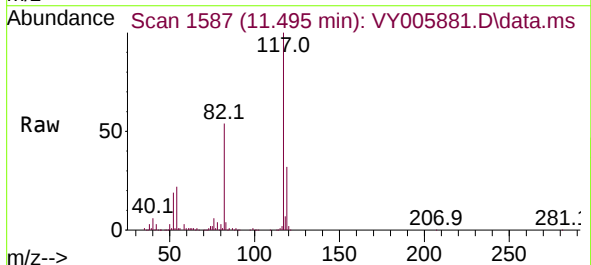
Instrument :
MSVOA_Y
ClientSampleId :

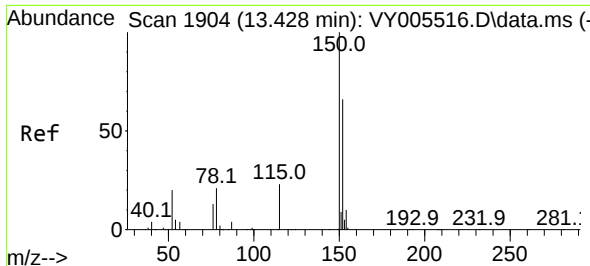
Tgt Ion: 95 Resp: 126758
Ion Ratio Lower Upper
95 100
174 96.8 0.0 191.4
176 93.0 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005881.D
Acq: 27 Aug 2021 14:19

Tgt Ion: 117 Resp: 294150
Ion Ratio Lower Upper
117 100
82 54.4 43.5 65.3
119 32.1 25.5 38.3

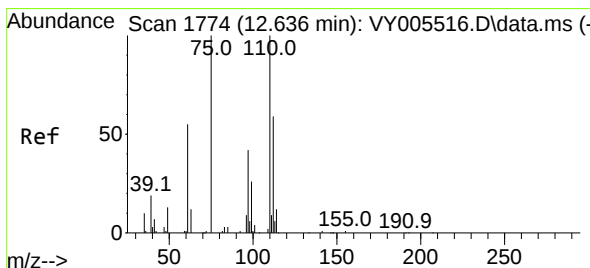
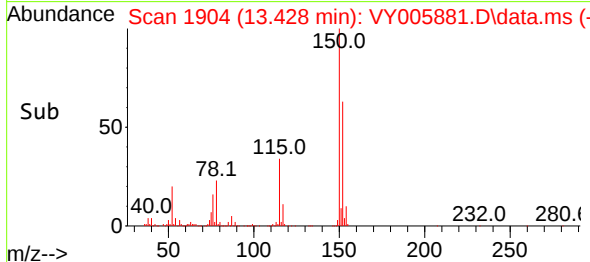
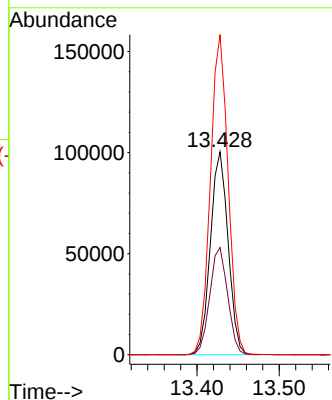
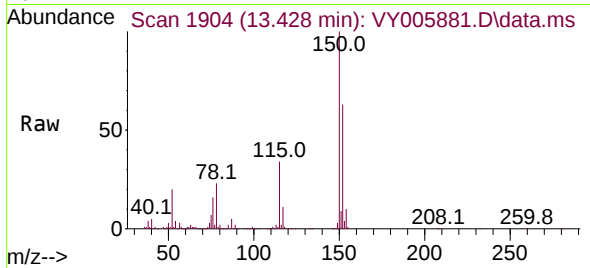




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005881.D
 Acq: 27 Aug 2021 14:19

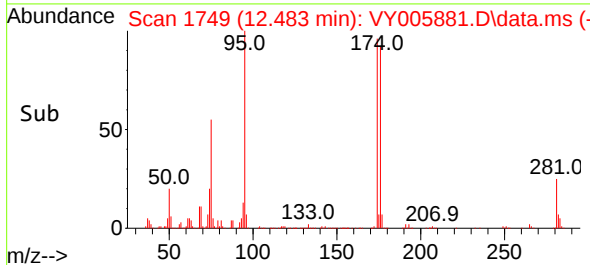
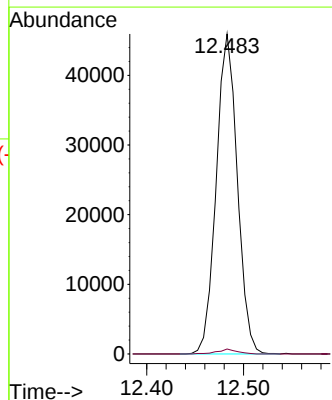
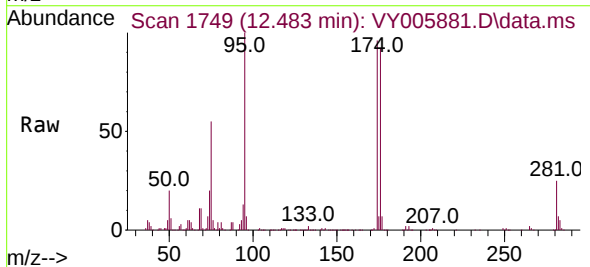
Instrument :
 MSVOA_Y
 ClientSampleId :

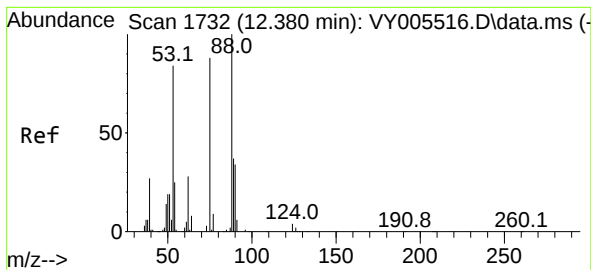
Tgt Ion:152 Resp: 150006
 Ion Ratio Lower Upper
 152 100
 115 53.4 27.3 81.9
 150 157.5 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 44.667 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005881.D
 Acq: 27 Aug 2021 14:19

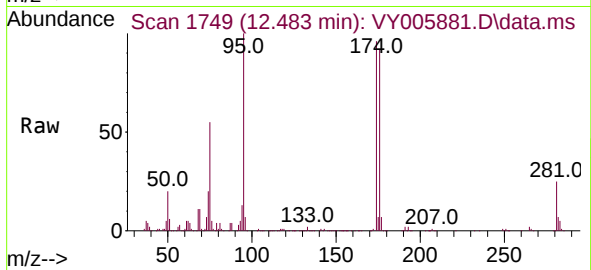
Tgt Ion: 75 Resp: 69434
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.042 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005881.D
 Acq: 27 Aug 2021 14:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 69434
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.1 38.4 57.6#

