

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005585.D
 Acq On : 10 Aug 2021 11:09
 Operator : SY/MD
 Sample : M3341-01
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:36:03 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)

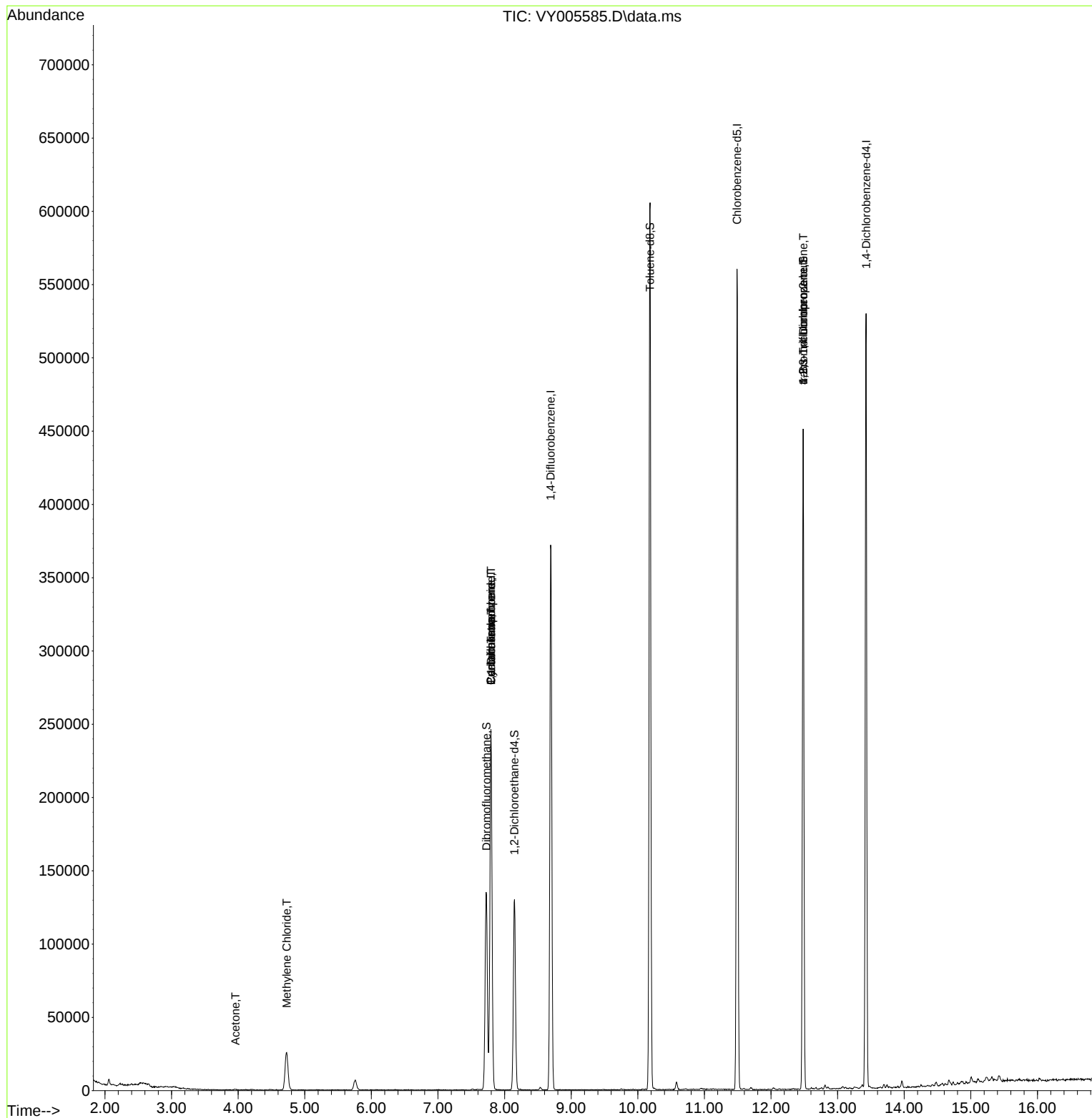
Internal Standards						
1) Pentafluorobenzene	7.795	168	198814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	318502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	300741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106584	52.96	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.92%	
35) Dibromofluoromethane	7.728	113	92322	51.77	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.54%	
50) Toluene-d8	10.185	98	400556	53.56	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.12%	
62) 4-Bromofluorobenzene	12.483	95	128417	51.85	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.70%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	876	1.73	ug/l #	72
20) Methylene Chloride	4.728	84	19717	4.26	ug/l	90
31) Cyclohexane	7.795	56	3826	1.11	ug/l #	22
36) 1,1-Dichloropropene	7.795	75	14005	4.69	ug/l #	49
38) Carbon Tetrachloride	7.795	117	18104	5.58	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	69277	48.58	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69277	97.94	ug/l #	11

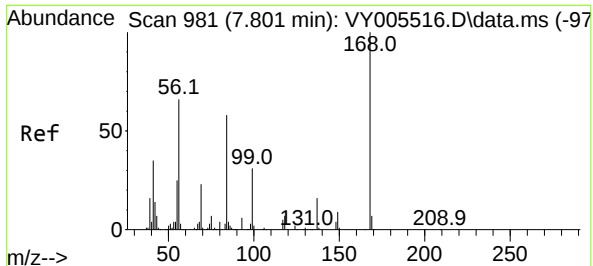
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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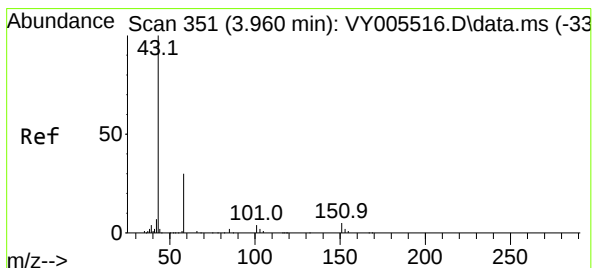
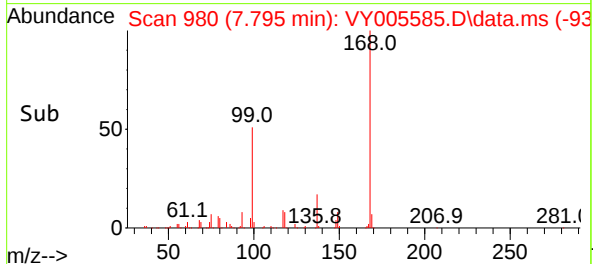
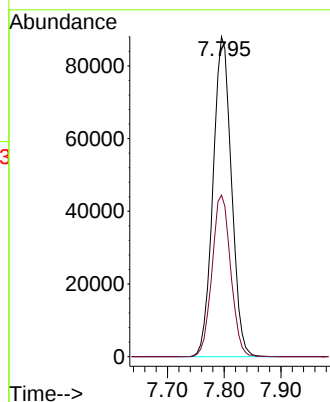
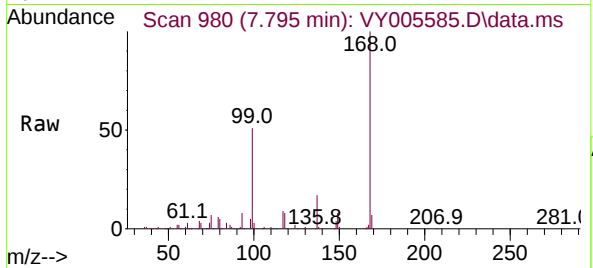




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

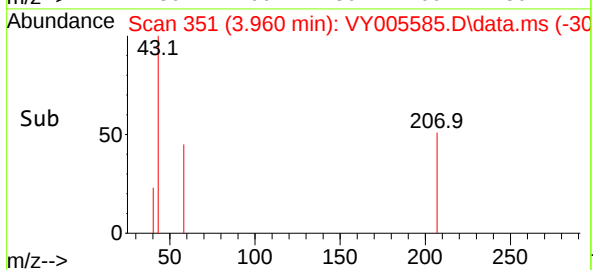
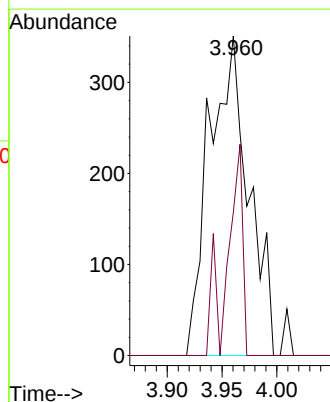
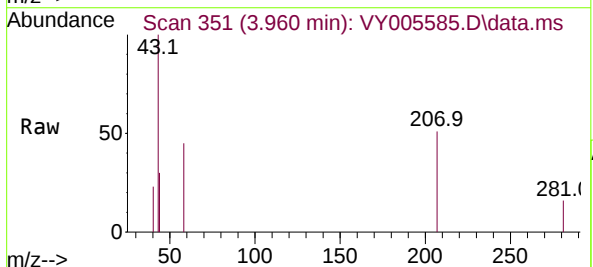
Instrument :
MSVOA_Y
ClientSampled :

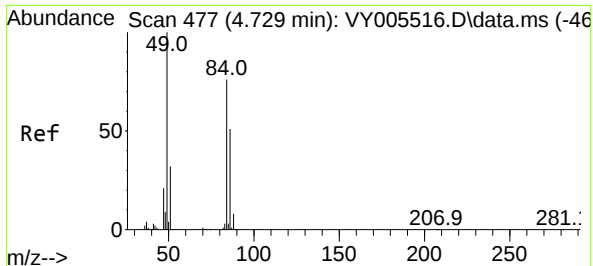
Tgt Ion:168 Resp: 198814
Ion Ratio Lower Upper
168 100
99 50.5 38.9 58.3



#16
Acetone
Concen: 1.73 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

Tgt Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
58 44.7 23.8 35.6#



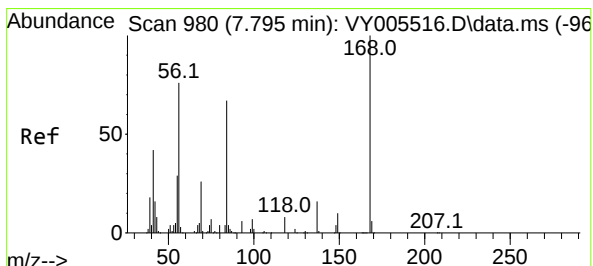
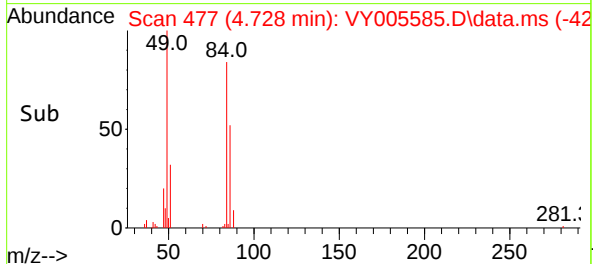
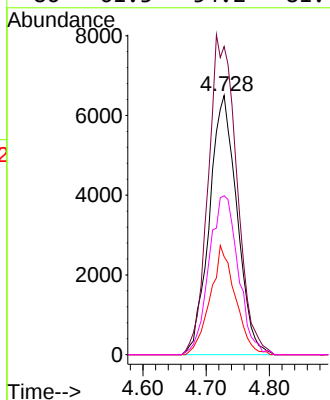
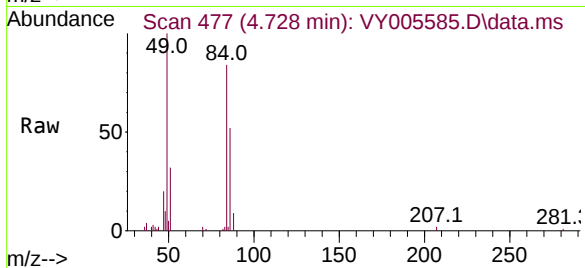


#20
Methylene Chloride
Concen: 4.26 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 19717

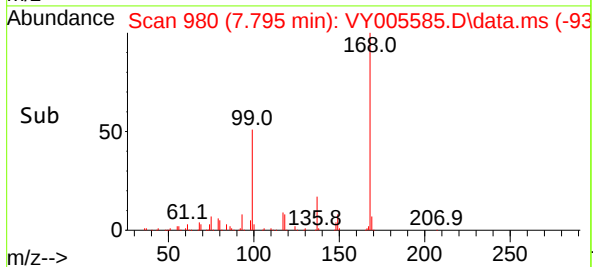
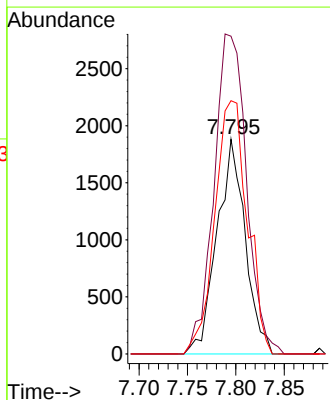
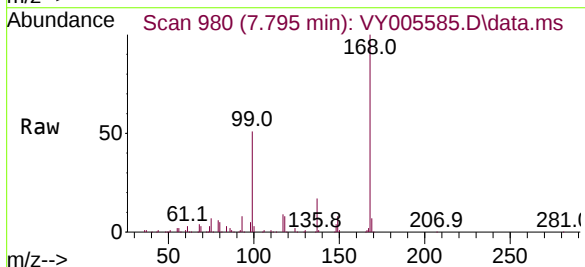
Ion	Ratio	Lower	Upper
84	100		
49	118.9	105.8	158.6
51	37.8	33.4	50.2
86	61.3	54.2	81.4

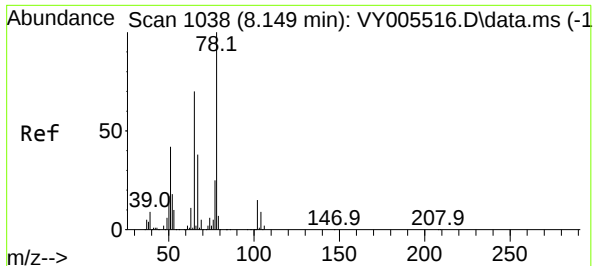


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

Tgt Ion: 56 Resp: 3826

Ion	Ratio	Lower	Upper
56	100		
69	148.1	27.7	41.5#
84	118.0	70.9	106.3#

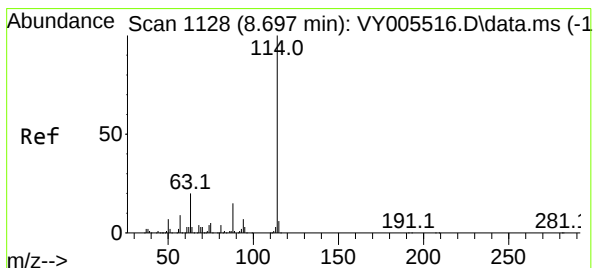
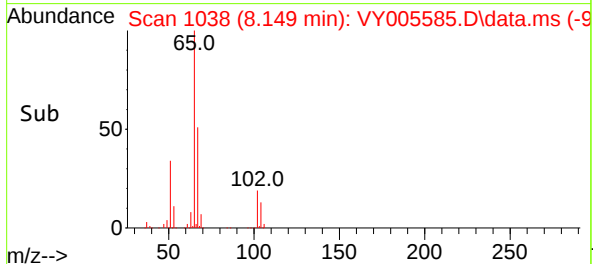
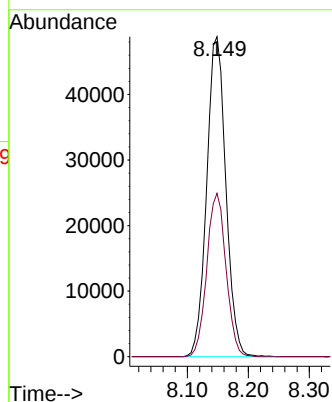
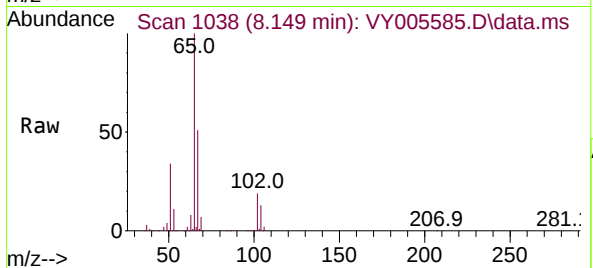




#33
1,2-Dichloroethane-d4
Concen: 52.96 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

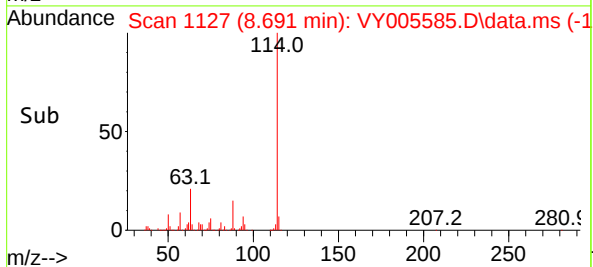
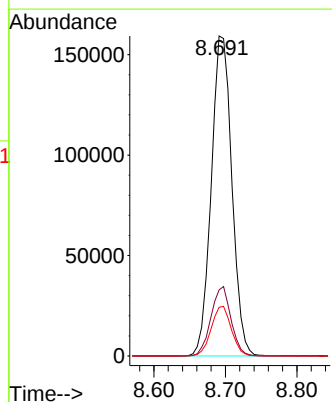
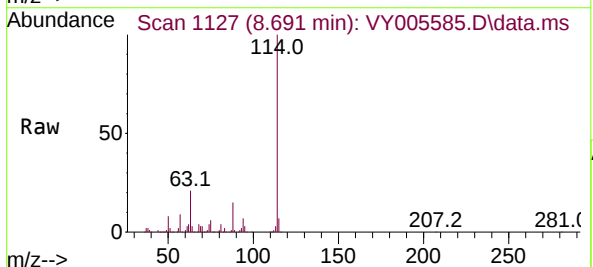
Instrument :
MSVOA_Y
ClientSampleId :

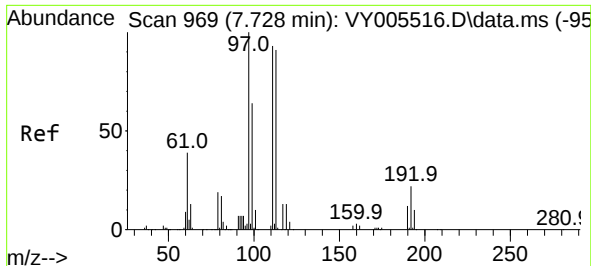
Tgt Ion: 65 Resp: 106584
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

Tgt Ion: 114 Resp: 318502
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.2
88 15.2 0.0 30.8

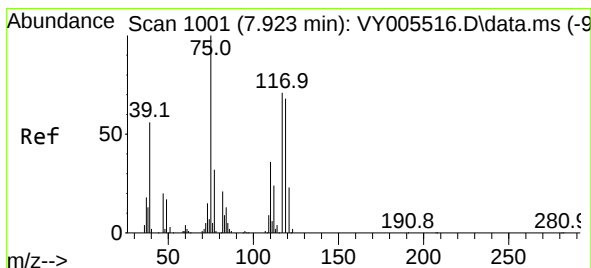
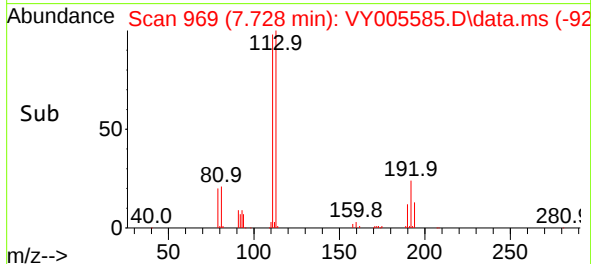
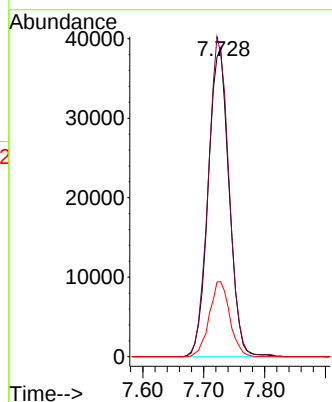
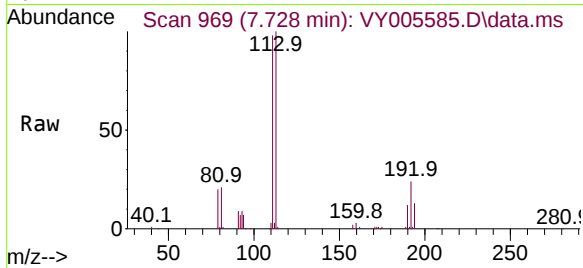




#35
Dibromofluoromethane
Concen: 51.77 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

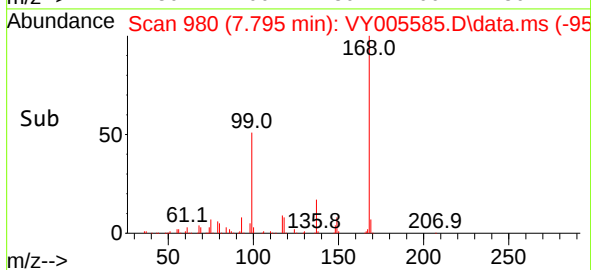
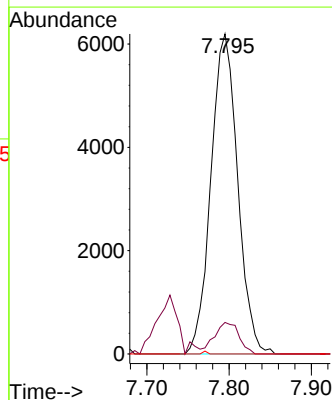
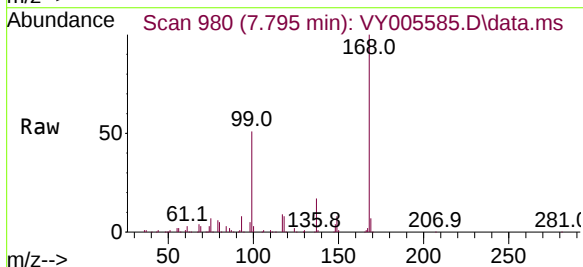
Instrument :
MSVOA_Y
ClientSampleId :

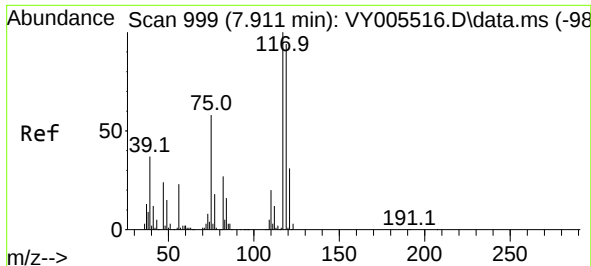
Tgt Ion:113 Resp: 92322
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 23.8 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

Tgt Ion: 75 Resp: 14005
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.1#
77 0.0 25.1 37.7#

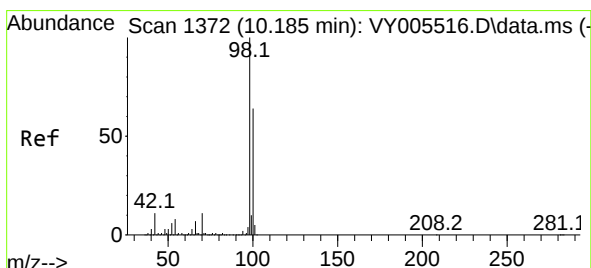
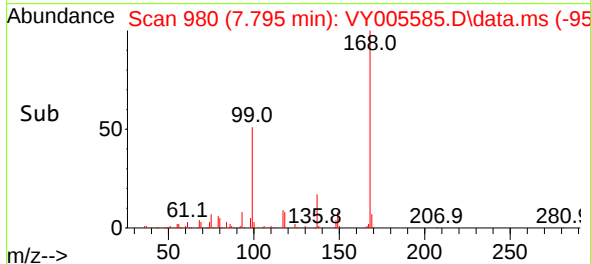
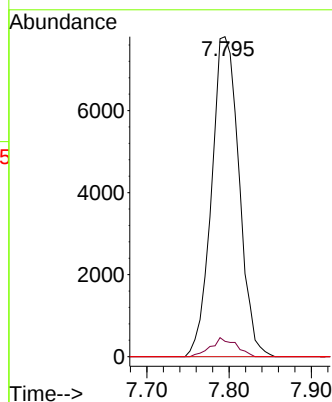
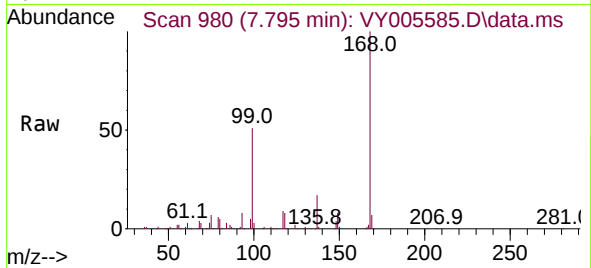




#38
Carbon Tetrachloride
Concen: 5.58 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

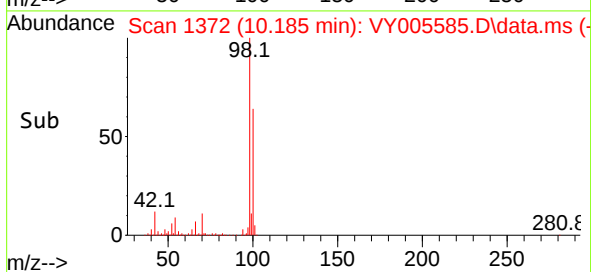
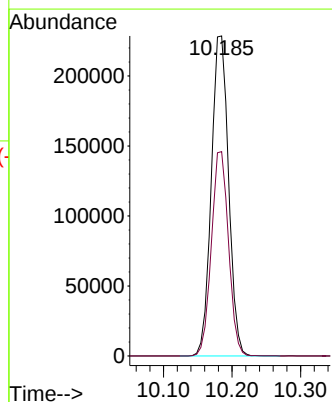
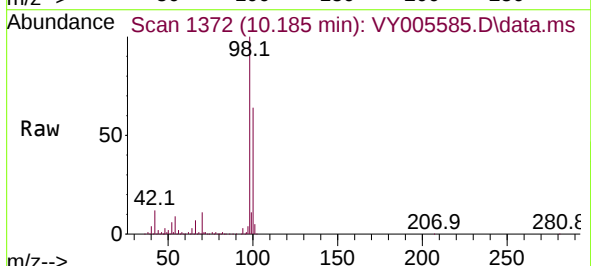
Instrument :
MSVOA_Y
ClientSampleId :

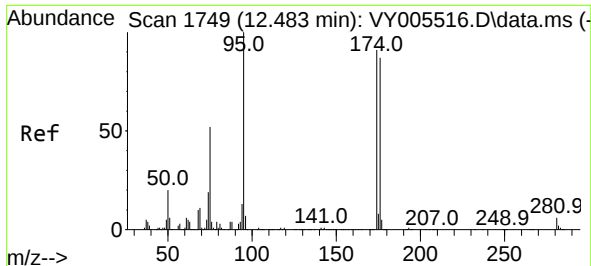
Tgt Ion:117 Resp: 18104
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.56 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

Tgt Ion: 98 Resp: 400556
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9

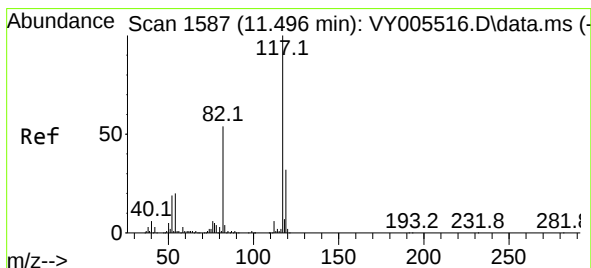
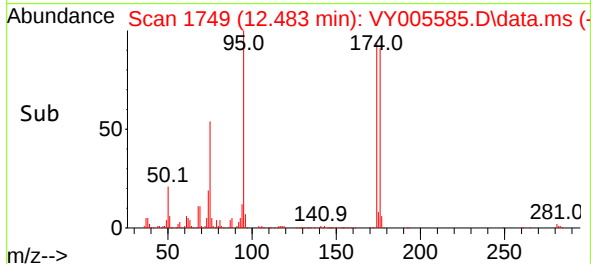
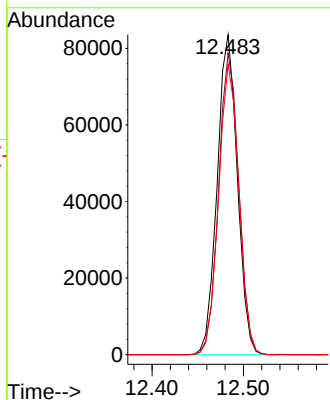
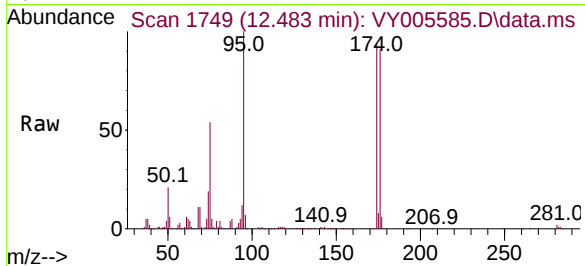




#62
4-Bromofluorobenzene
Concen: 51.85 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

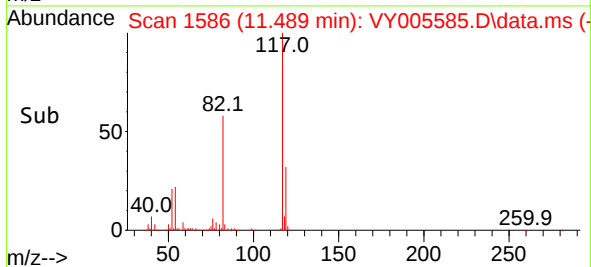
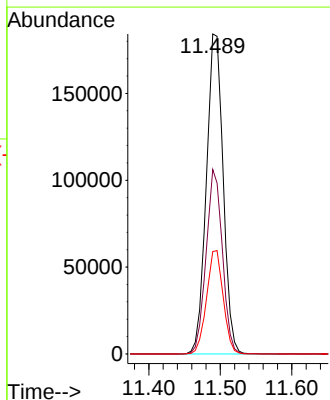
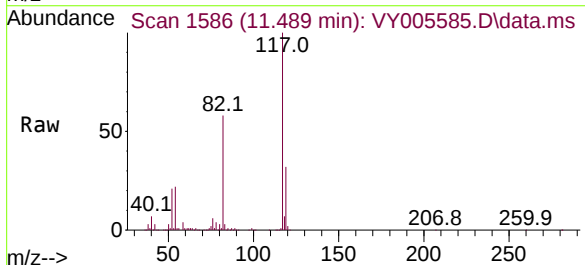
Instrument :
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ClientSampleId :

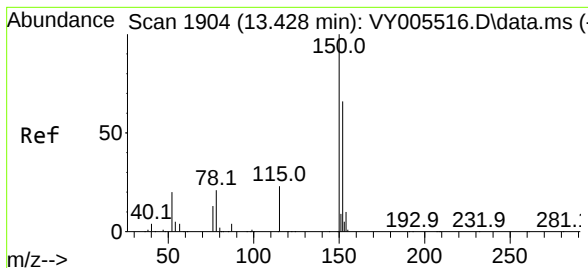
Tgt Ion: 95 Resp: 128417
Ion Ratio Lower Upper
95 100
174 94.1 0.0 191.4
176 91.3 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

Tgt Ion: 117 Resp: 300741
Ion Ratio Lower Upper
117 100
82 57.6 43.5 65.3
119 32.0 25.5 38.3

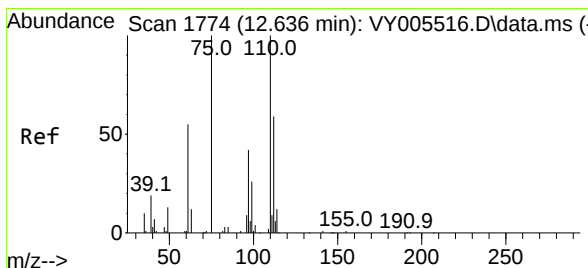
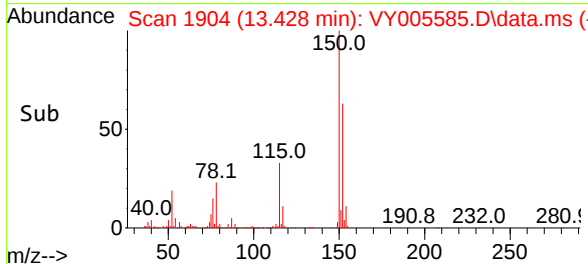
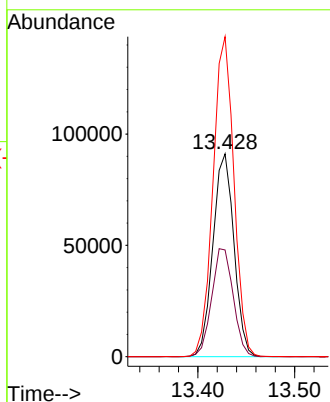
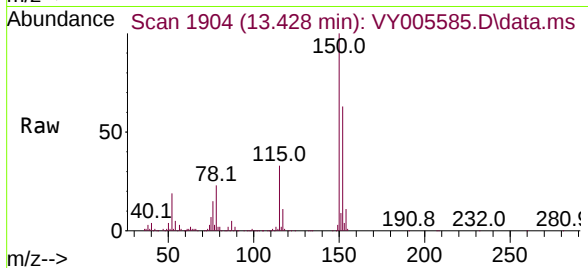




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005585.D
 Acq: 10 Aug 2021 11:09

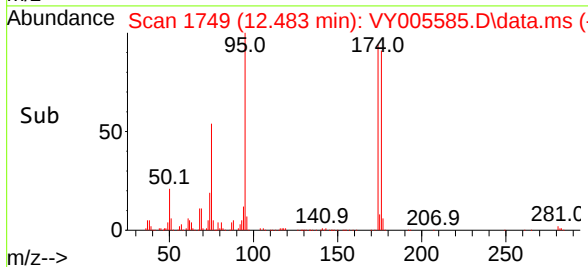
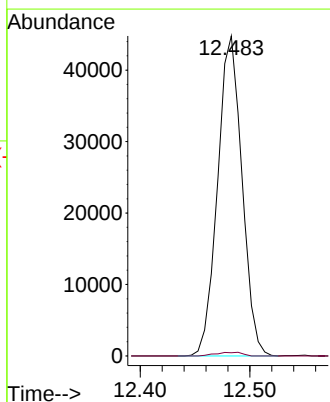
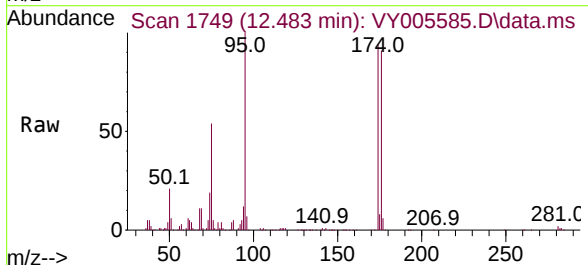
Instrument :
 MSVOA_Y
 ClientSampleId :

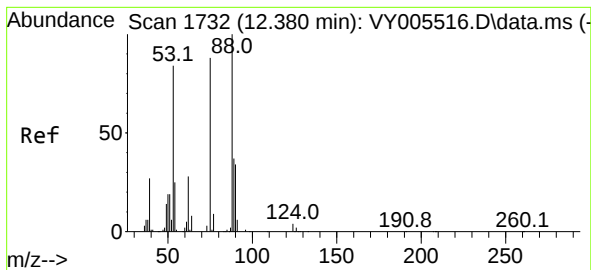
Tgt Ion:152 Resp: 137597
 Ion Ratio Lower Upper
 152 100
 115 54.6 27.3 81.9
 150 156.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 48.58 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005585.D
 Acq: 10 Aug 2021 11:09

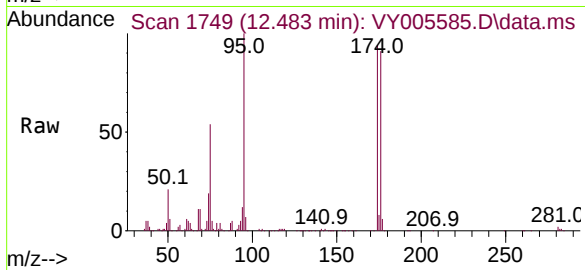
Tgt Ion: 75 Resp: 69277
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.94 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005585.D
 Acq: 10 Aug 2021 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 69277
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

