

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005589.D
 Acq On : 10 Aug 2021 12:44
 Operator : SY/MD
 Sample : M3334-01
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:36:38 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)

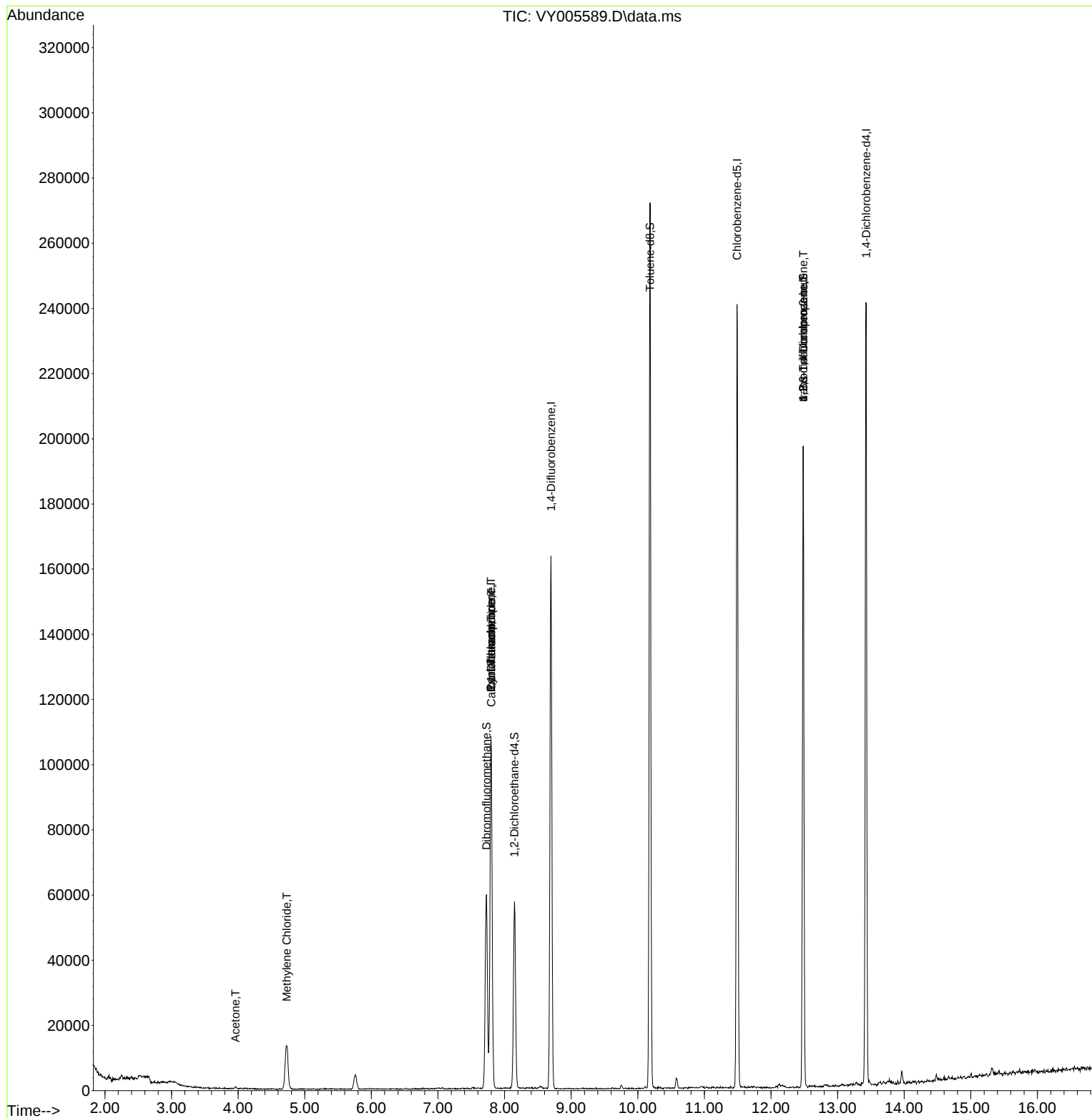
Internal Standards						
1) Pentafluorobenzene	7.795	168	86914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	136833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	128587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	61845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	46318	52.65	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.30%			
35) Dibromofluoromethane	7.728	113	40801	53.26	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.52%			
50) Toluene-d8	10.185	98	171958	53.52	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.04%			
62) 4-Bromofluorobenzene	12.483	95	55589	52.25	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.50%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	813	3.67	ug/l	97
20) Methylene Chloride	4.729	84	10453	6.63	ug/l #	89
31) Cyclohexane	7.795	56	1682	1.11	ug/l #	5
36) 1,1-Dichloropropene	7.795	75	5799	4.52	ug/l #	51
38) Carbon Tetrachloride	7.801	117	8222	5.89	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	30702	47.91	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30702	96.57	ug/l #	11

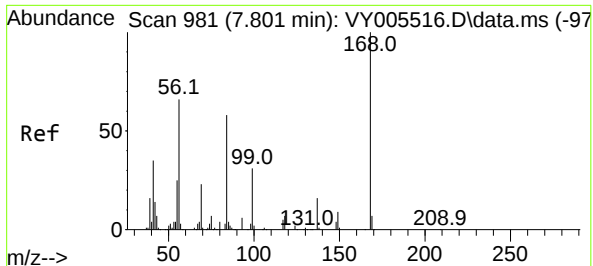
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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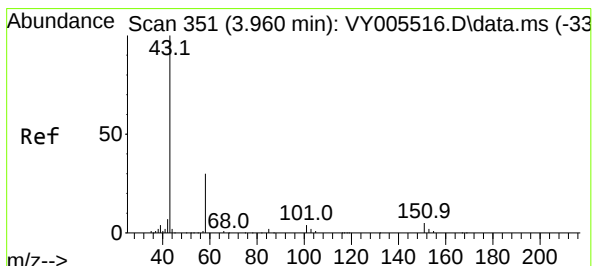
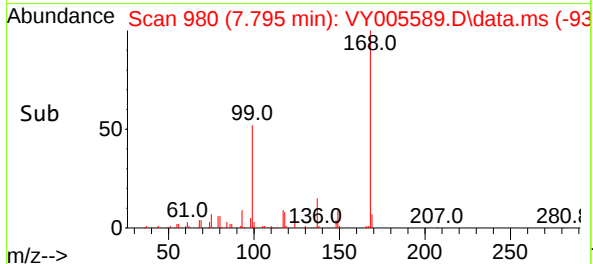
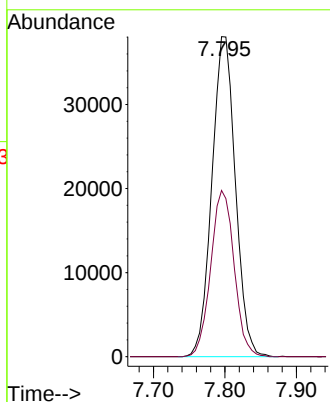
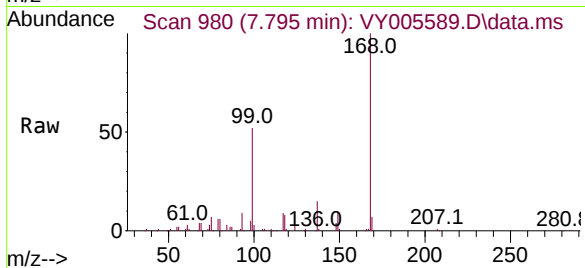




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005589.D
Acq: 10 Aug 2021 12:44

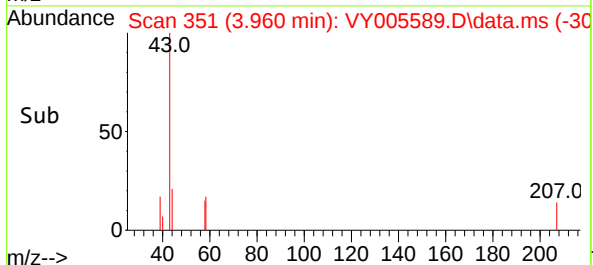
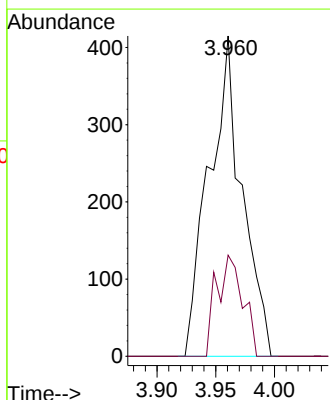
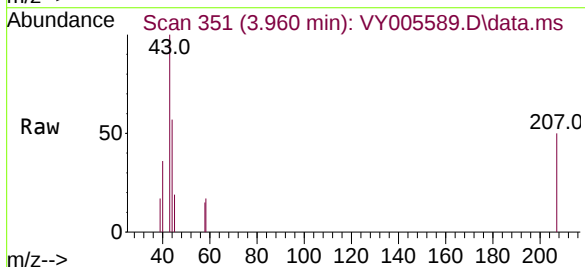
Instrument :
MSVOA_Y
ClientSampleId :

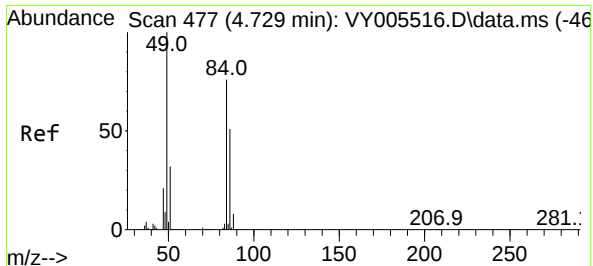
Tgt Ion:168 Resp: 86914
Ion Ratio Lower Upper
168 100
99 51.9 38.9 58.3



#16
Acetone
Concen: 3.67 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005589.D
Acq: 10 Aug 2021 12:44

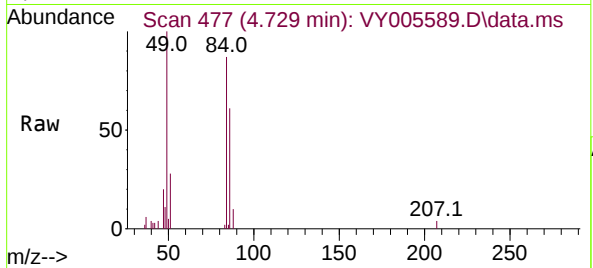
Tgt Ion: 43 Resp: 813
Ion Ratio Lower Upper
43 100
58 31.6 23.8 35.6



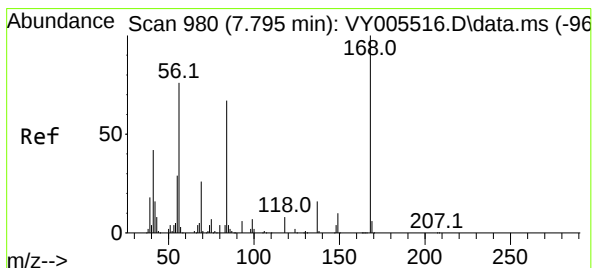
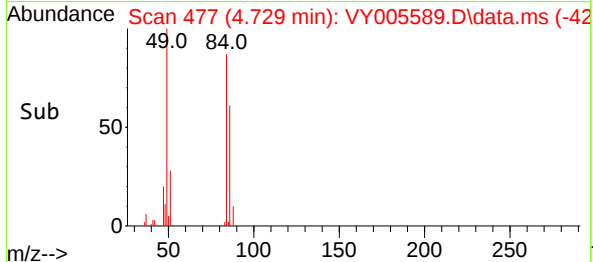
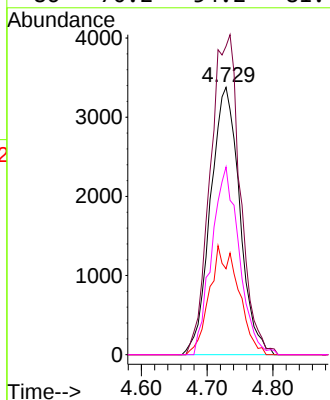


#20
Methylene Chloride
Concen: 6.63 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005589.D
Acq: 10 Aug 2021 12:44

Instrument :
MSVOA_Y
ClientSampleId :

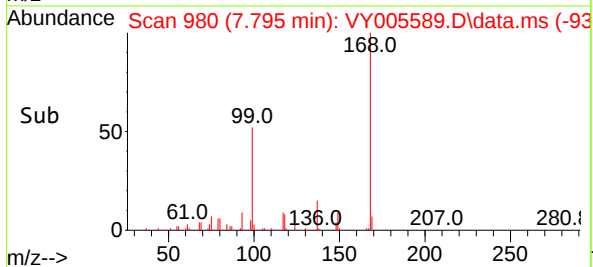
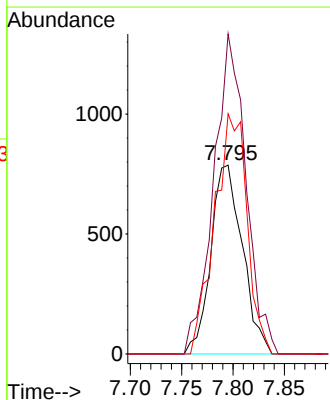
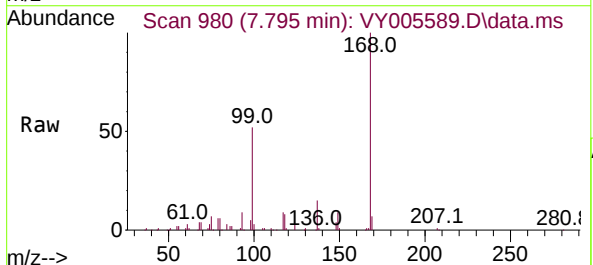


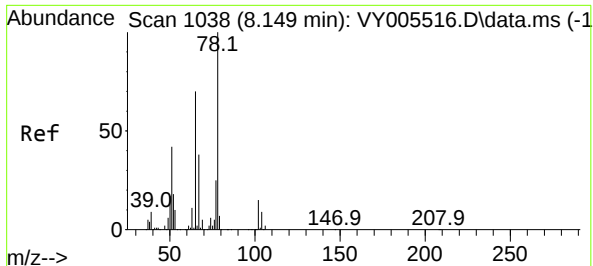
Tgt Ion:	84	Resp:	10453
Ion	Ratio	Lower	Upper
84	100		
49	115.4	105.8	158.6
51	32.1	33.4	50.2#
86	70.2	54.2	81.4



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005589.D
Acq: 10 Aug 2021 12:44

Tgt Ion:	56	Resp:	1682
Ion	Ratio	Lower	Upper
56	100		
69	169.5	27.7	41.5#
84	127.2	70.9	106.3#

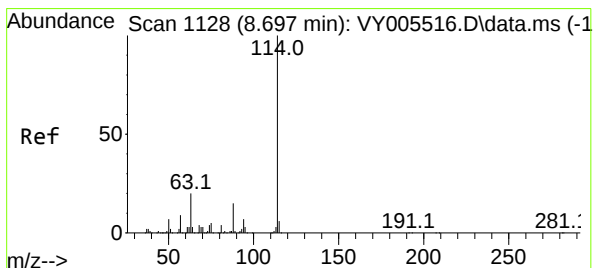
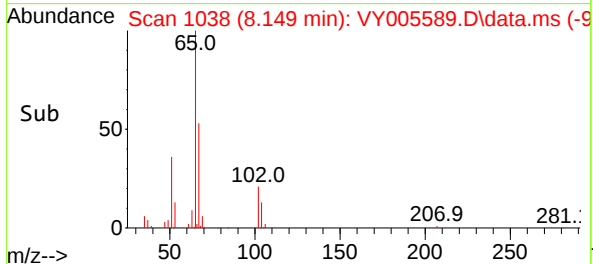
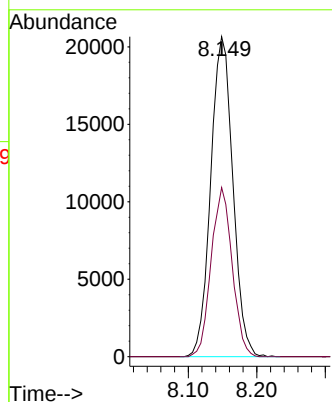
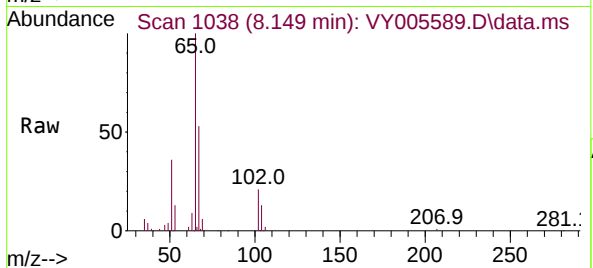




#33
1,2-Dichloroethane-d4
Concen: 52.65 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005589.D
Acq: 10 Aug 2021 12:44

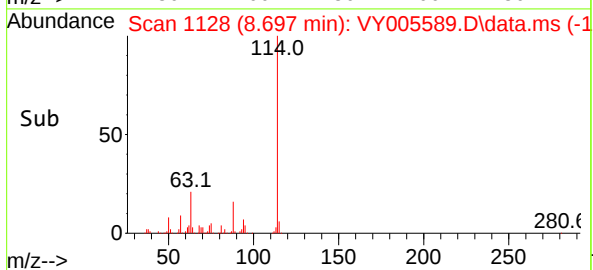
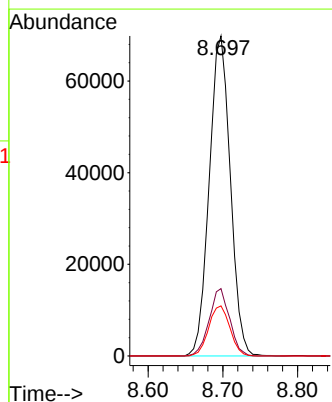
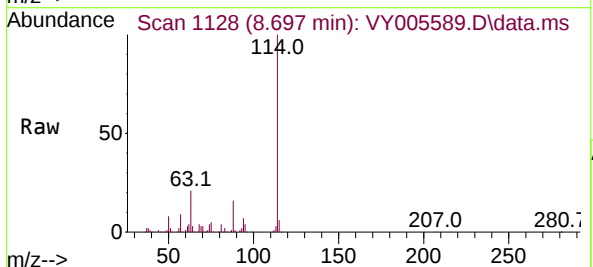
Instrument :
MSVOA_Y
ClientSampled :

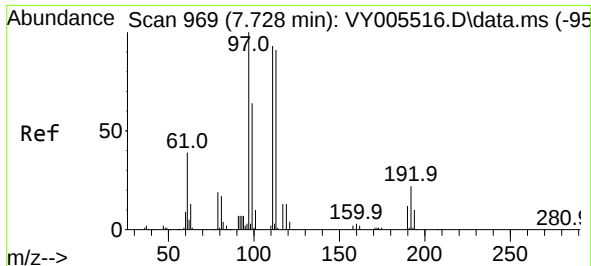
Tgt Ion: 65 Resp: 46318
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005589.D
Acq: 10 Aug 2021 12:44

Tgt Ion: 114 Resp: 136833
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.2
88 15.6 0.0 30.8

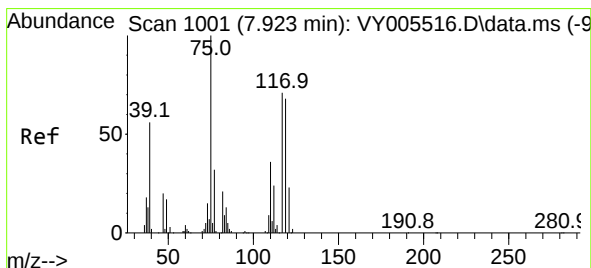
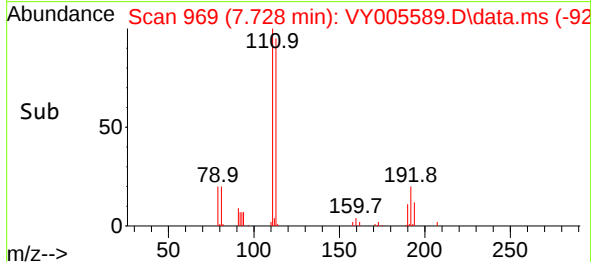
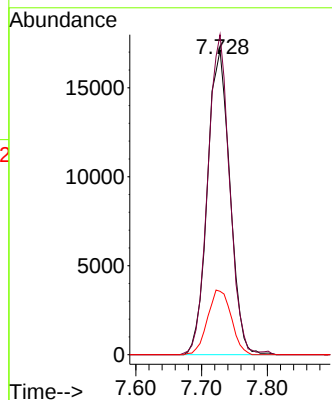
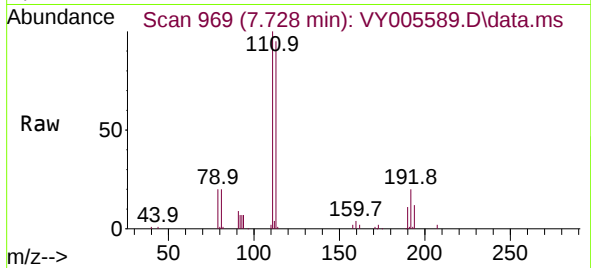




#35
Dibromofluoromethane
Concen: 53.26 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005589.D
Acq: 10 Aug 2021 12:44

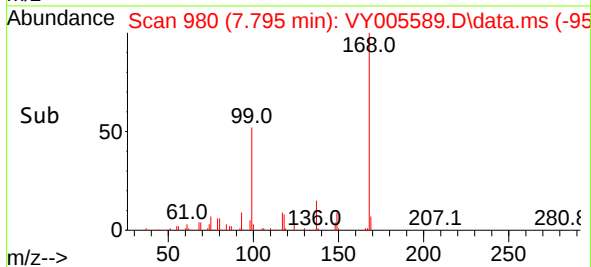
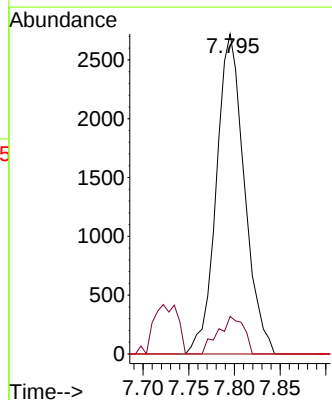
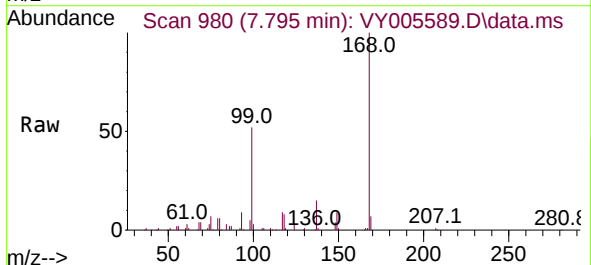
Instrument :
MSVOA_Y
ClientSampleId :

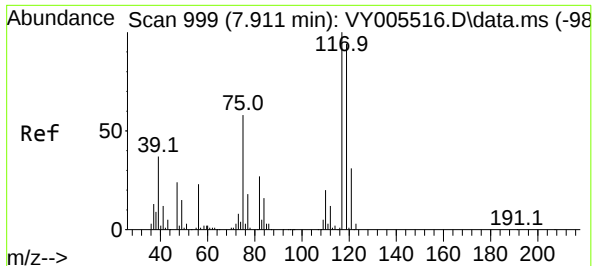
Tgt Ion:113 Resp: 40801
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 22.3 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005589.D
Acq: 10 Aug 2021 12:44

Tgt Ion: 75 Resp: 5799
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.1#
77 0.0 25.1 37.7#

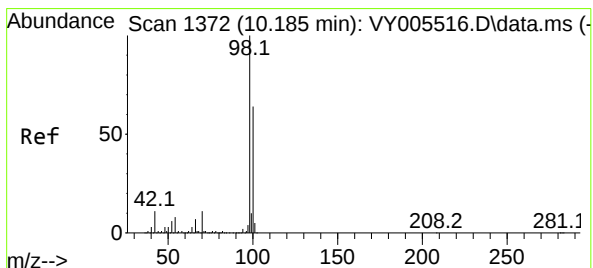
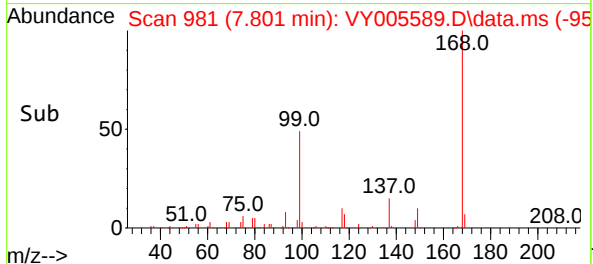
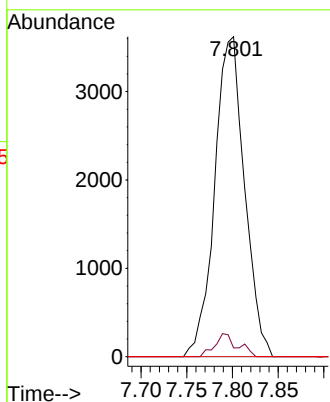
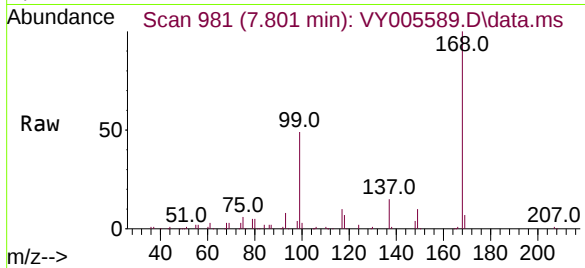




#38
Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005589.D
Acq: 10 Aug 2021 12:44

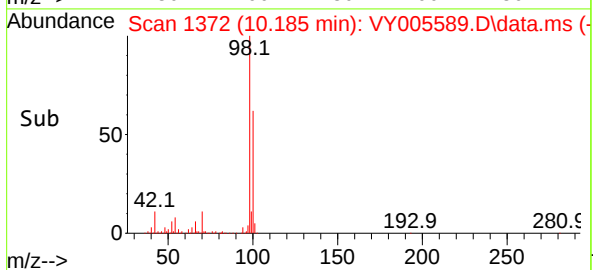
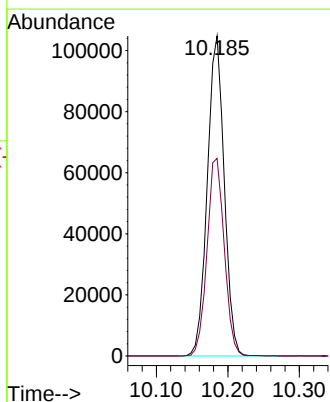
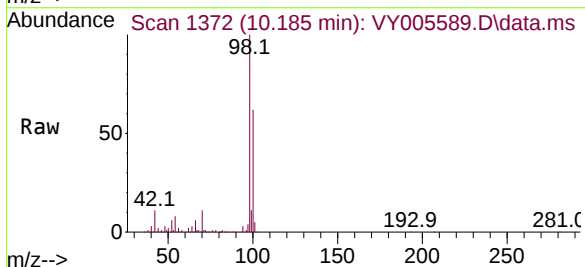
Instrument :
MSVOA_Y
ClientSampleId :

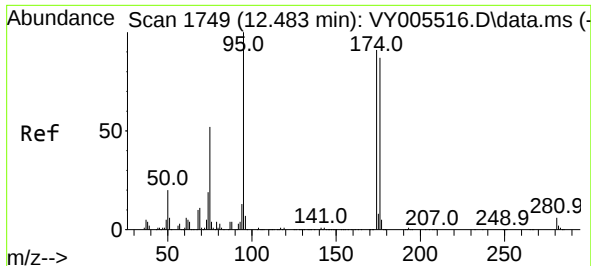
Tgt Ion:117 Resp: 8222
Ion Ratio Lower Upper
117 100
119 2.7 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.52 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005589.D
Acq: 10 Aug 2021 12:44

Tgt Ion: 98 Resp: 171958
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9

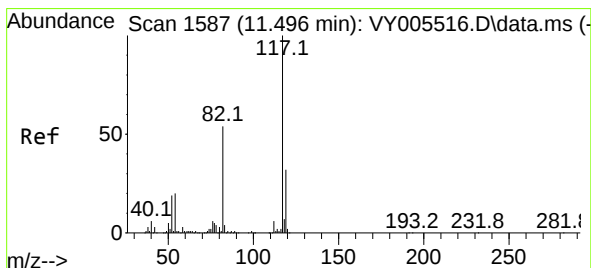
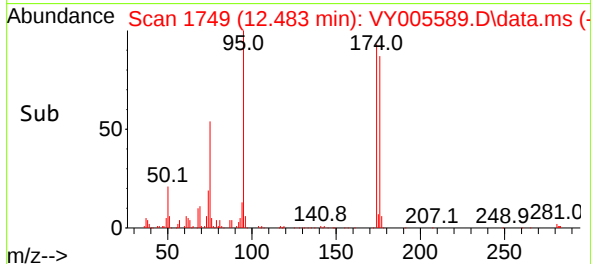
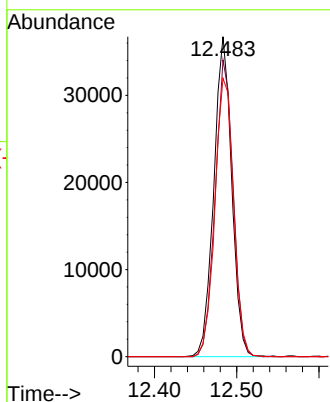
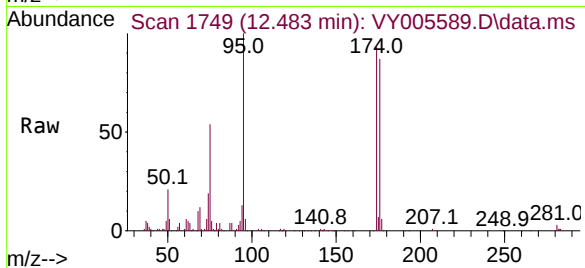




#62
4-Bromofluorobenzene
Concen: 52.25 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005589.D
Acq: 10 Aug 2021 12:44

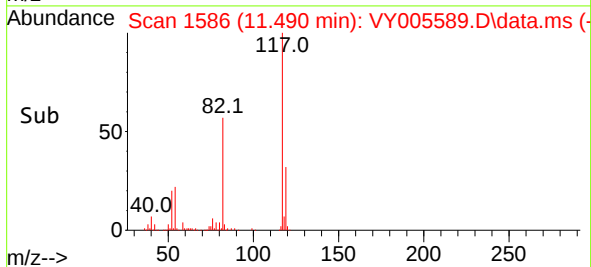
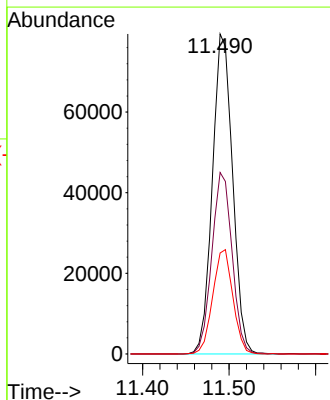
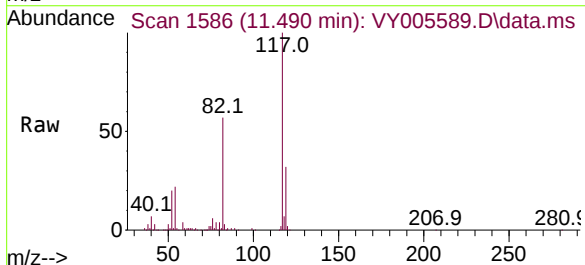
Instrument :
MSVOA_Y
ClientSampled :

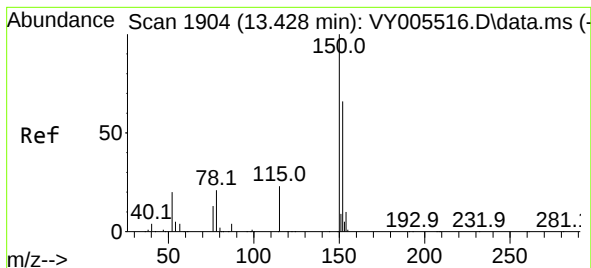
Tgt Ion: 95 Resp: 55589
Ion Ratio Lower Upper
95 100
174 93.5 0.0 191.4
176 90.7 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005589.D
Acq: 10 Aug 2021 12:44

Tgt Ion: 117 Resp: 128587
Ion Ratio Lower Upper
117 100
82 56.7 43.5 65.3
119 31.6 25.5 38.3

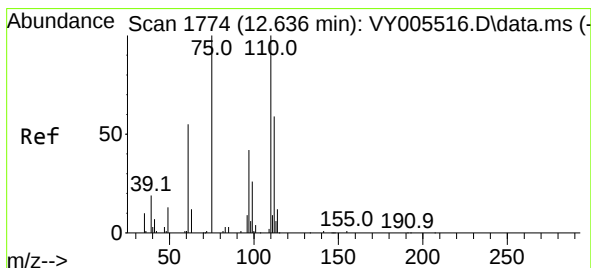
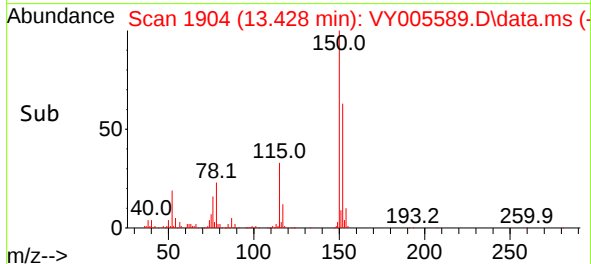
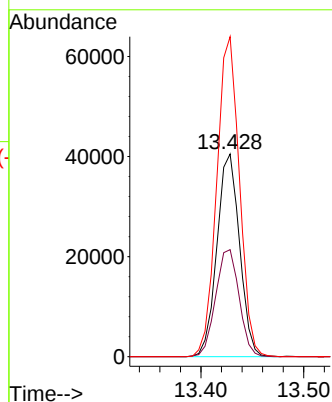
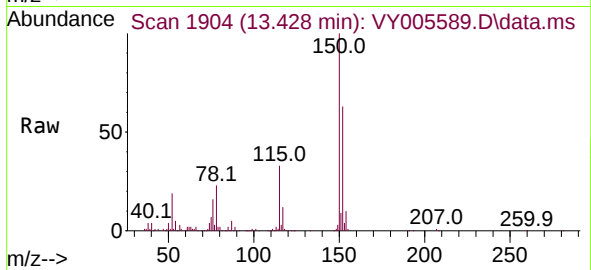




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005589.D
 Acq: 10 Aug 2021 12:44

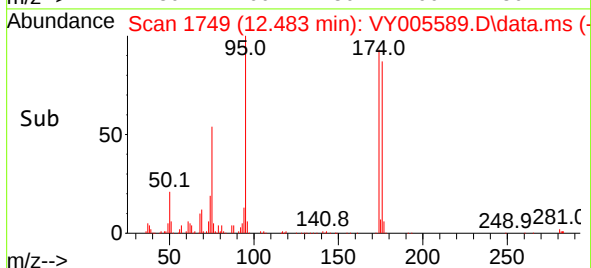
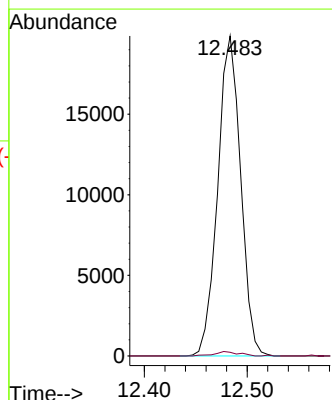
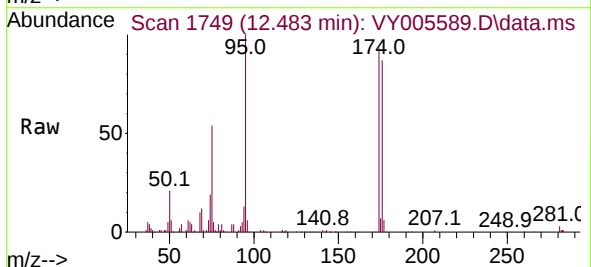
Instrument :
 MSVOA_Y
 ClientSampled :

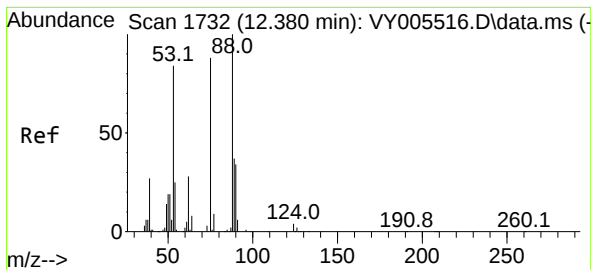
Tgt Ion:152 Resp: 61845
 Ion Ratio Lower Upper
 152 100
 115 54.8 27.3 81.9
 150 158.0 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 47.91 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005589.D
 Acq: 10 Aug 2021 12:44

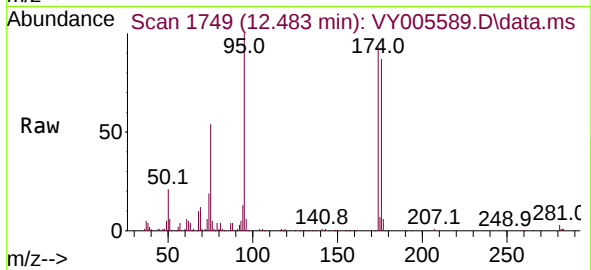
Tgt Ion: 75 Resp: 30702
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.57 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005589.D
 Acq: 10 Aug 2021 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 30702
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.1 38.4 57.6#

