

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004535.D
 Acq On : 20 Apr 2021 17:41
 Operator : SY/MD
 Sample : M2089-02
 Misc : 7.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:53:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

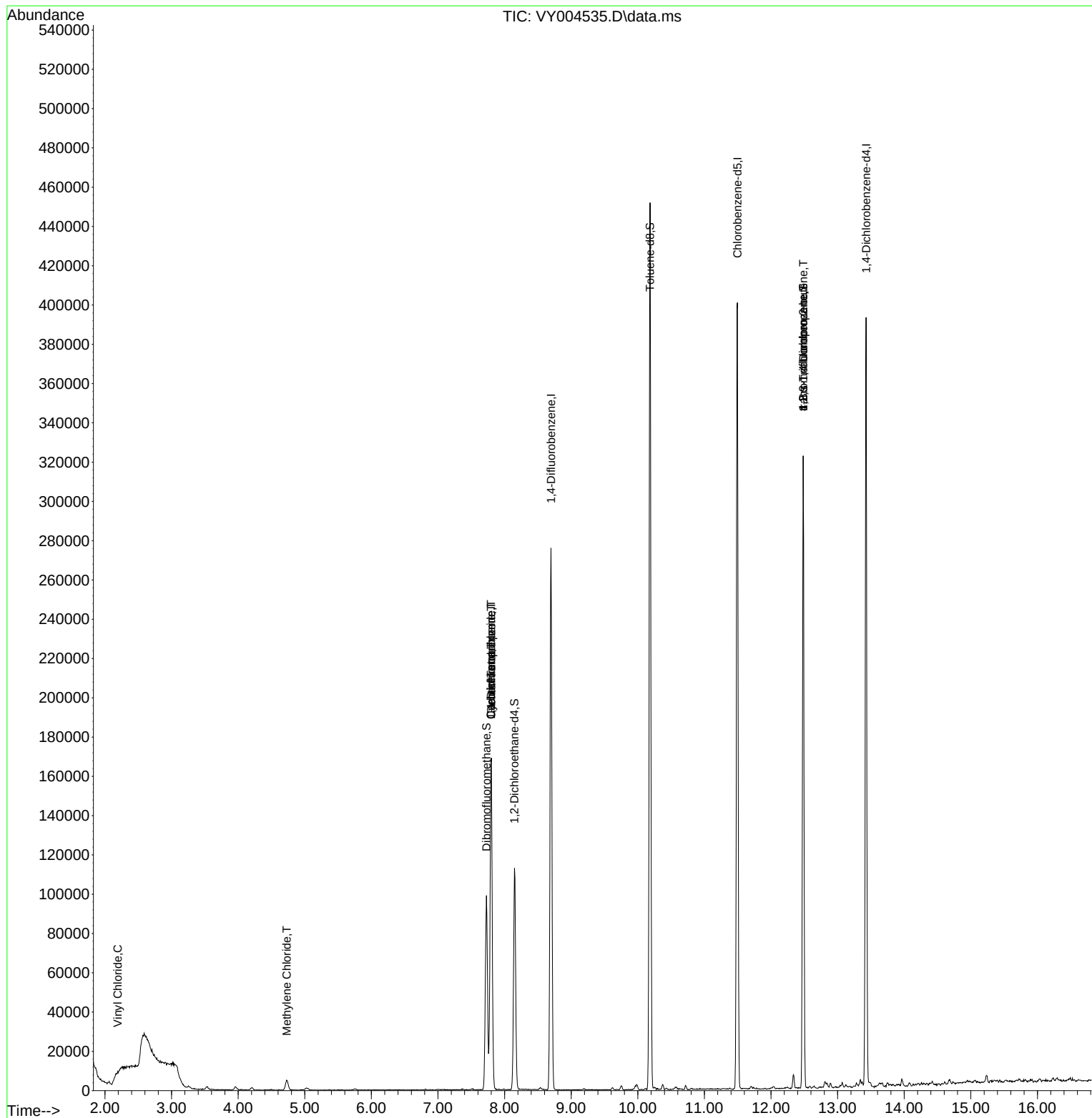
Internal Standards						
1) Pentafluorobenzene	7.801	168	126805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	210385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85213	60.48	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.96%			
35) Dibromofluoromethane	7.728	113	66428	53.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.70%			
50) Toluene-d8	10.185	98	276796	52.75	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.50%			
62) 4-Bromofluorobenzene	12.483	95	92188	51.77	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.54%			
Target Compounds						
4) Vinyl Chloride	2.192	62	3191	1.78	ug/l #	43
16) Acetone	3.972	43	3007	Below Cal	#	80
20) Methylene Chloride	4.728	84	3408	2.50	ug/l	91
31) Cyclohexane	7.795	56	3270	1.27	ug/l #	36
36) 1,1-Dichloropropene	7.795	75	10140	4.59	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12840	6.72	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	51163	51.90	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51163	92.85	ug/l #	12

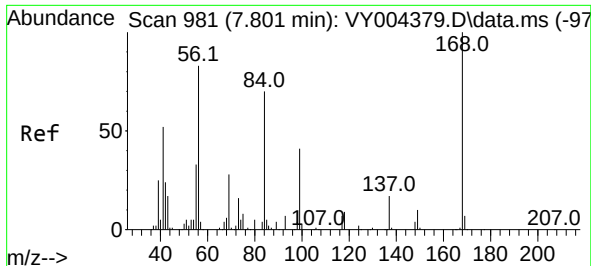
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

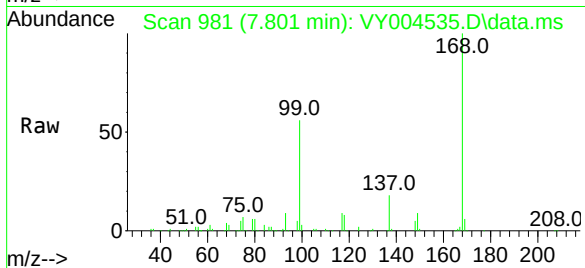
Quant Time: Apr 21 08:53:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



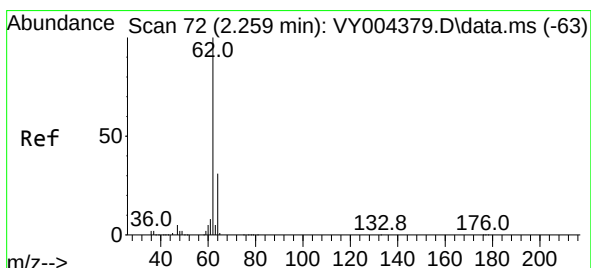
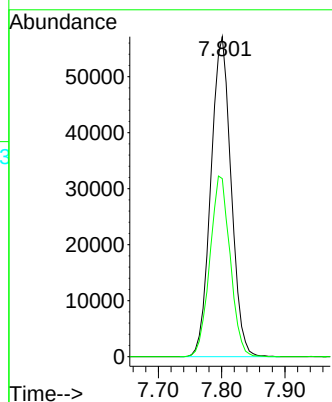
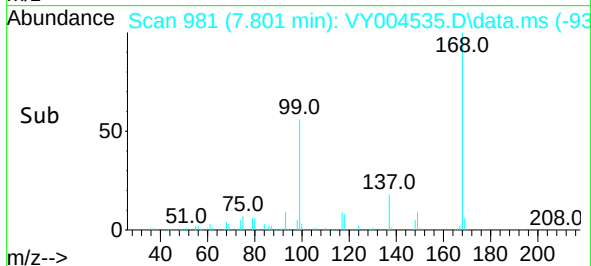


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

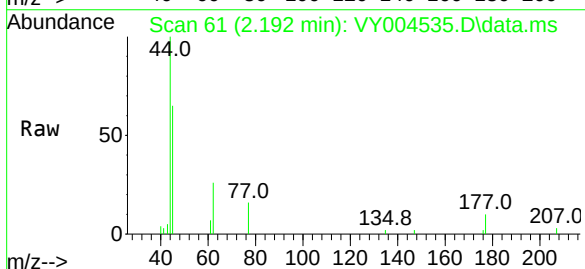
Instrument :
MSVOA_Y
ClientSampleId :



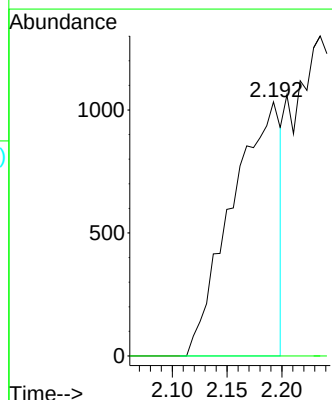
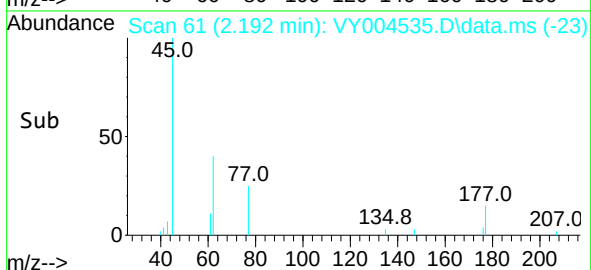
Tgt Ion:168 Resp: 126805
Ion Ratio Lower Upper
168 100
99 55.6 45.5 68.3

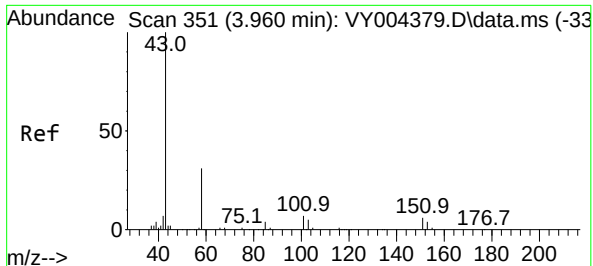


#4
Vinyl Chloride
Concen: 1.78 ug/l
RT: 2.192 min Scan# 61
Delta R.T. -0.067 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41



Tgt Ion: 62 Resp: 3191
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

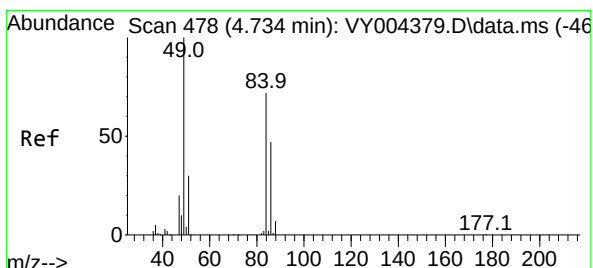
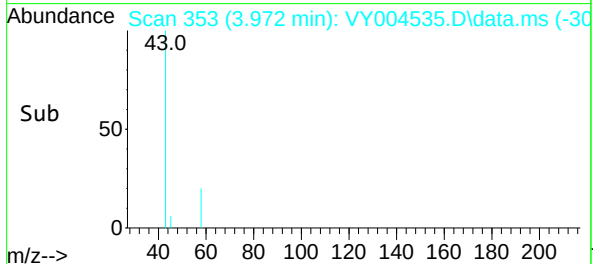
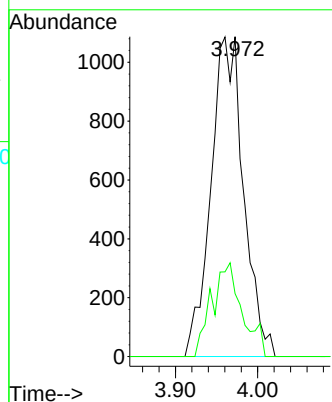
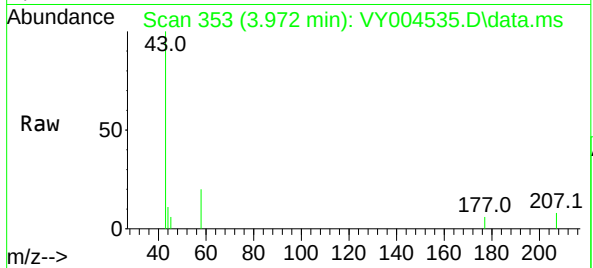




#16
Acetone
Concen: Below Cal
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

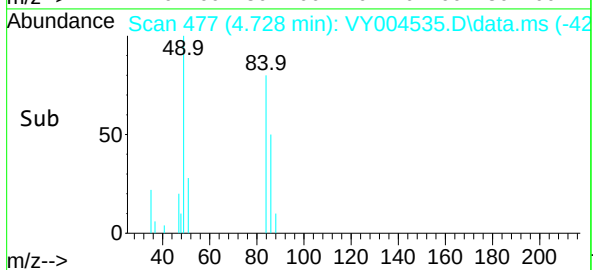
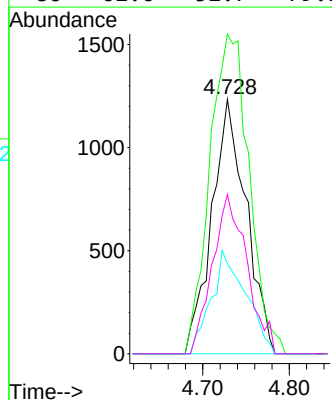
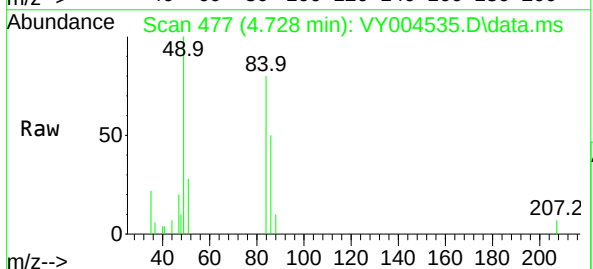
Instrument :
MSVOA_Y
ClientSampleId :

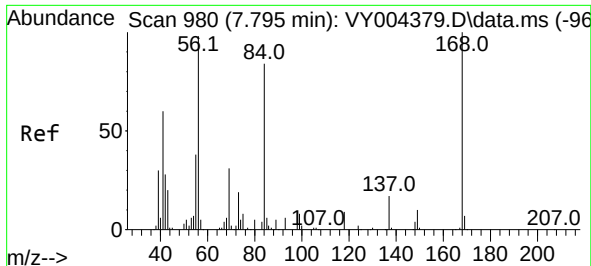
Tgt Ion: 43 Resp: 3007
Ion Ratio Lower Upper
43 100
58 19.7 24.6 37.0#



#20
Methylene Chloride
Concen: 2.50 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

Tgt Ion: 84 Resp: 3408
Ion Ratio Lower Upper
84 100
49 125.7 111.2 166.8
51 35.6 33.4 50.2
86 62.6 52.7 79.1

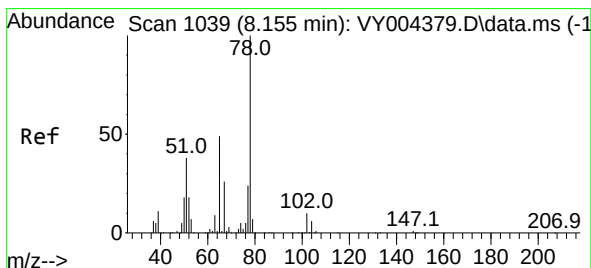
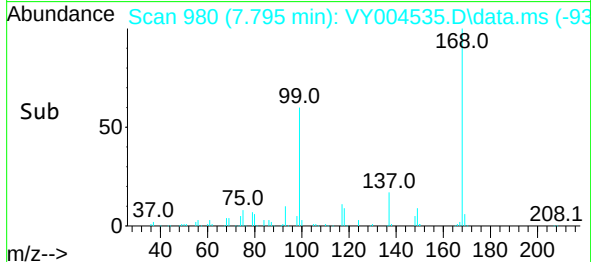
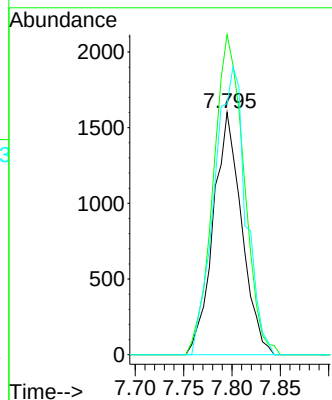
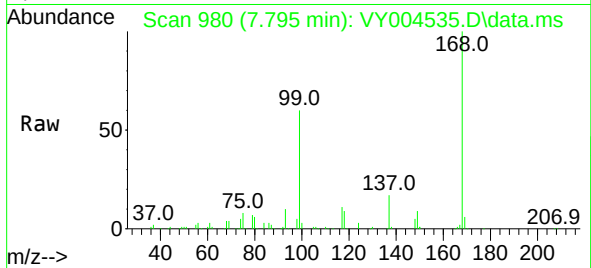




#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

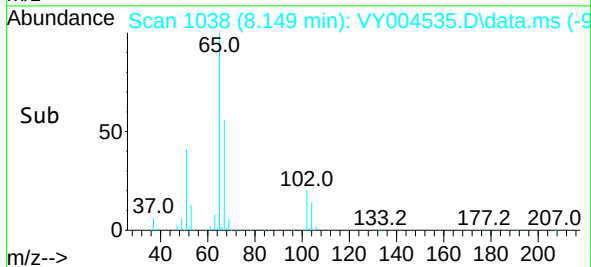
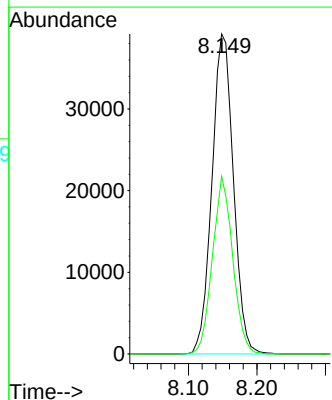
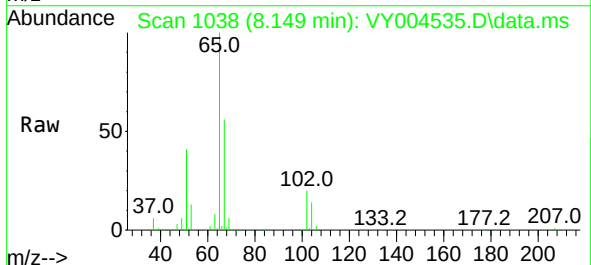
Instrument :
MSVOA_Y
ClientSampled :

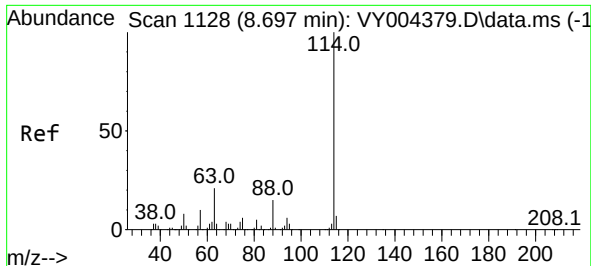
Tgt Ion: 56 Resp: 3270
Ion Ratio Lower Upper
56 100
69 132.1 25.8 38.6#
84 103.7 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 60.48 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

Tgt Ion: 65 Resp: 85213
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.4

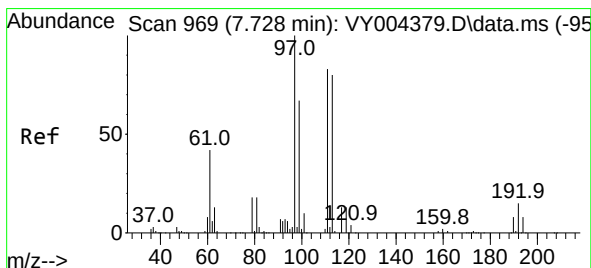
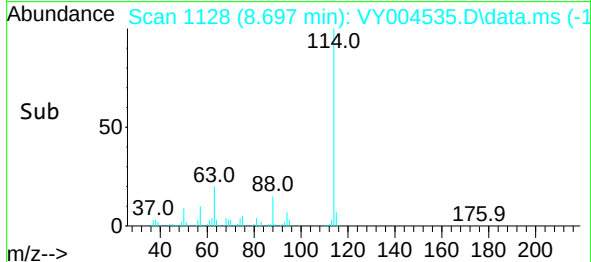
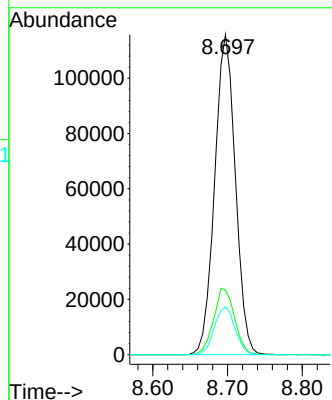
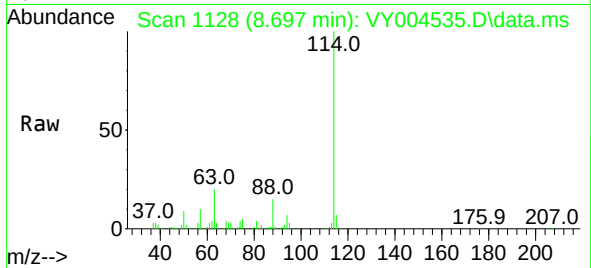




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

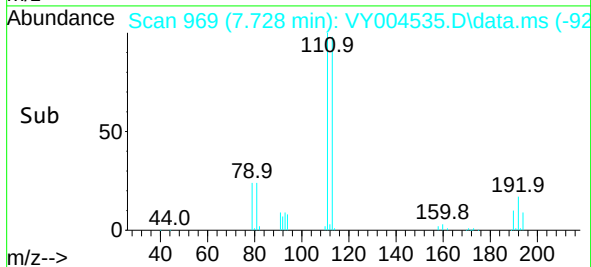
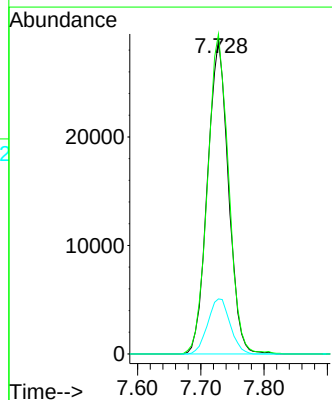
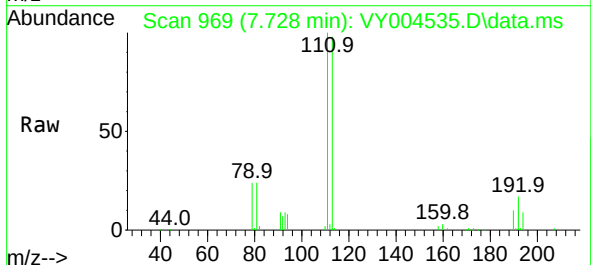
Instrument :
MSVOA_Y
ClientSampled :

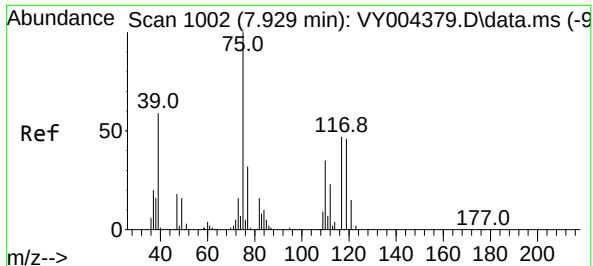
Tgt Ion:114 Resp: 222293
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.4
88 14.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.85 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

Tgt Ion:113 Resp: 66428
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 18.7 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.59 ug/l

RT: 7.795 min Scan# 980

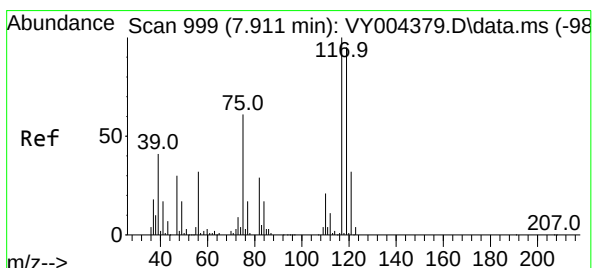
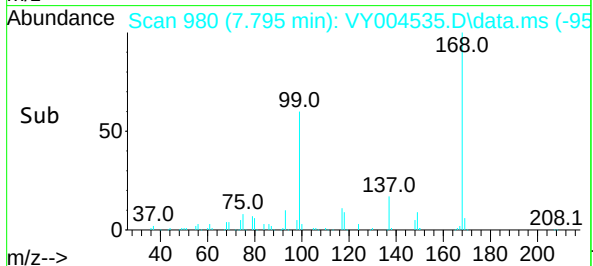
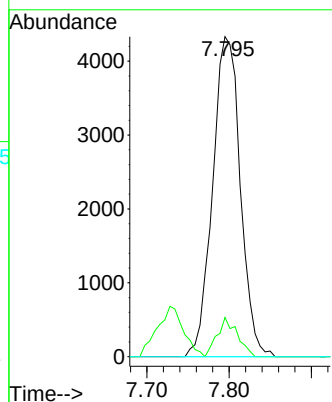
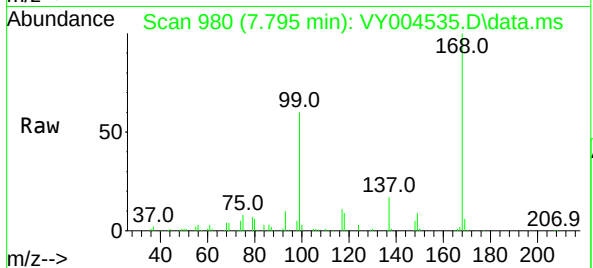
Delta R.T. -0.134 min

Lab File: VY004535.D

Acq: 20 Apr 2021 17:41

Tgt Ion:	75	Resp:	10140
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.72 ug/l

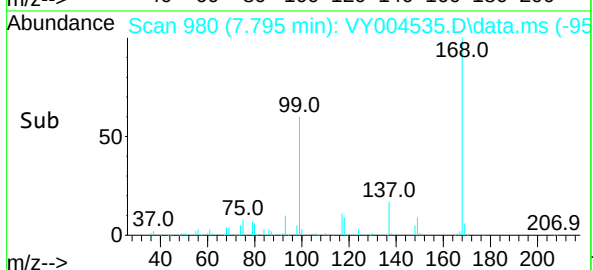
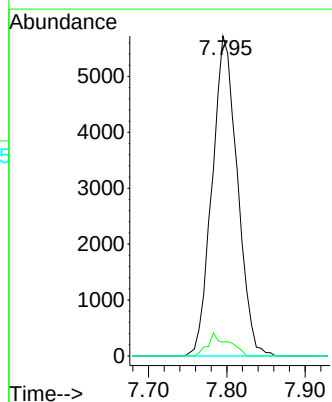
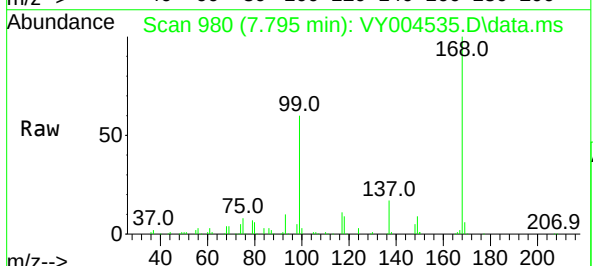
RT: 7.795 min Scan# 980

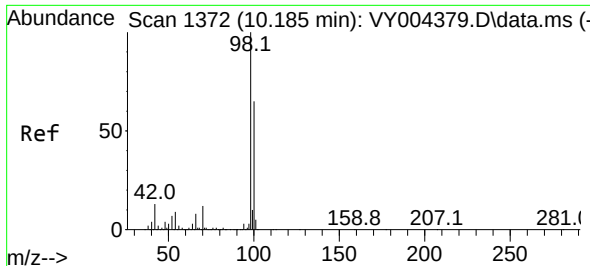
Delta R.T. -0.116 min

Lab File: VY004535.D

Acq: 20 Apr 2021 17:41

Tgt Ion:	117	Resp:	12840
Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.8	113.8#
121	0.0	25.3	37.9#

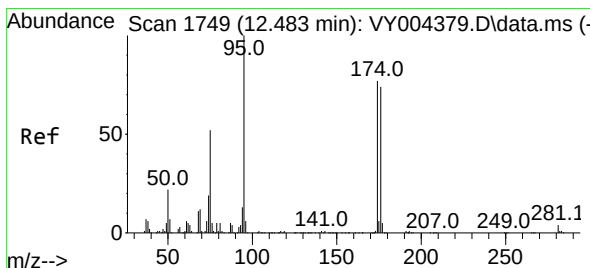
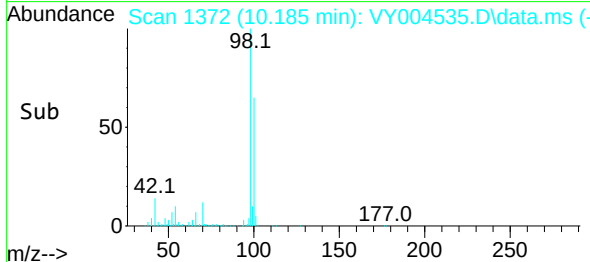
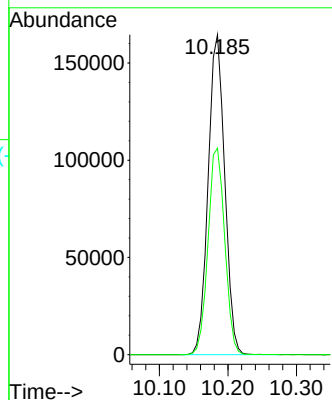
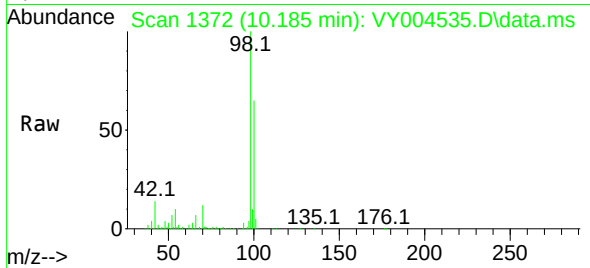




#50
Toluene-d8
Concen: 52.75 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

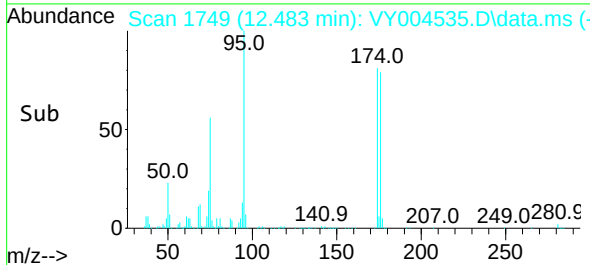
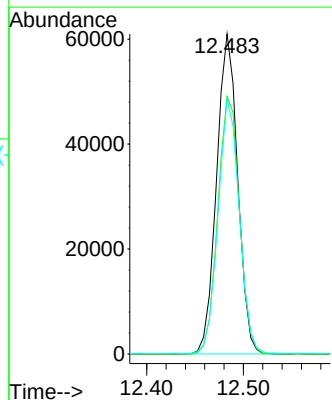
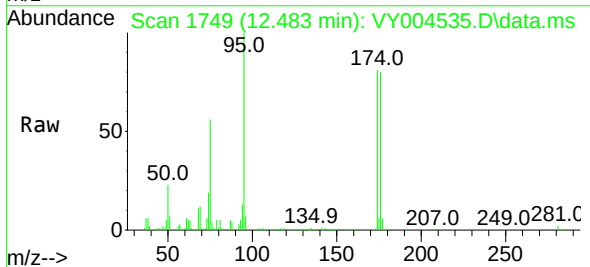
Instrument :
MSVOA_Y
ClientSampleId :

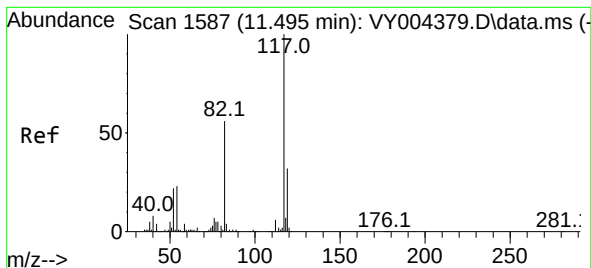
Tgt Ion: 98 Resp: 276796
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.77 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

Tgt Ion: 95 Resp: 92188
Ion Ratio Lower Upper
95 100
174 82.4 0.0 162.4
176 79.7 0.0 156.0

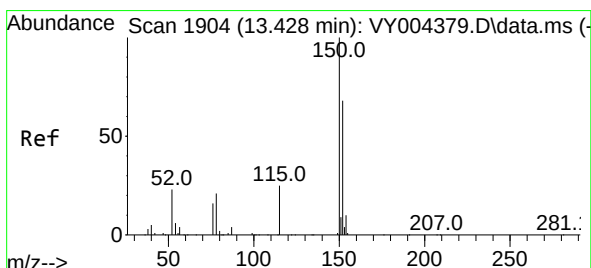
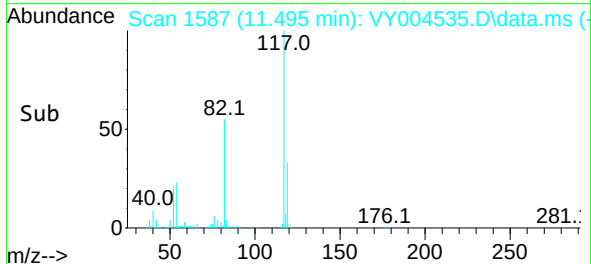
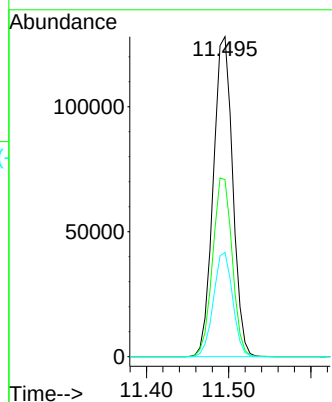
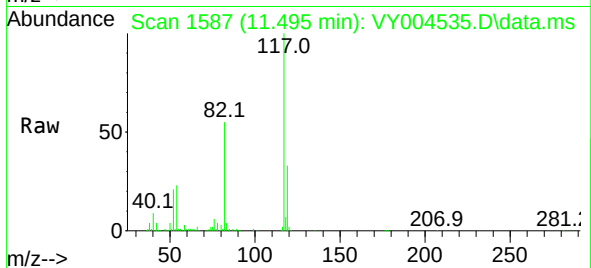




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

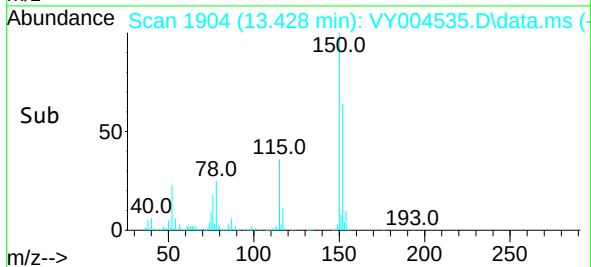
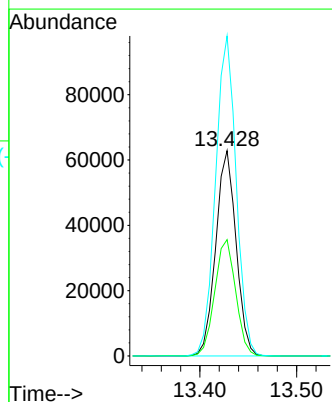
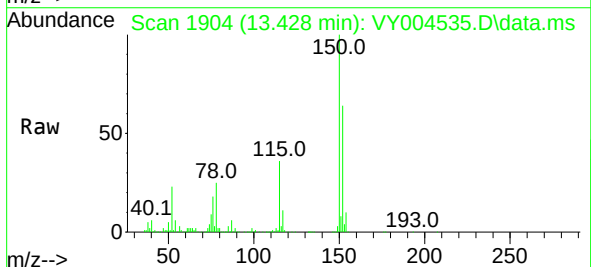
Instrument :
MSVOA_Y
ClientSampleId :

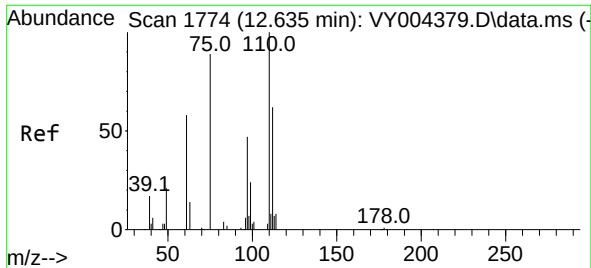
Tgt Ion:117 Resp: 210385
Ion Ratio Lower Upper
117 100
82 55.4 44.9 67.3
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

Tgt Ion:152 Resp: 91846
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.8
150 158.0 0.0 348.4

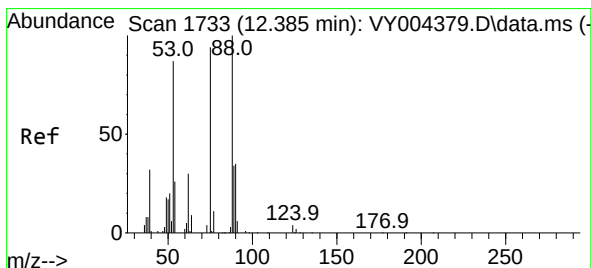
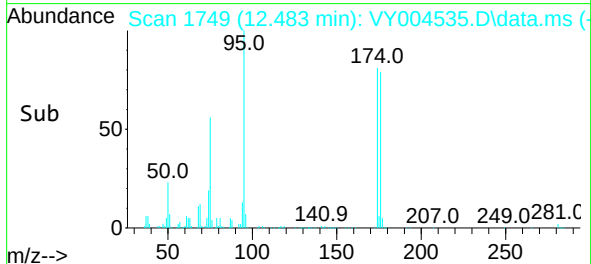
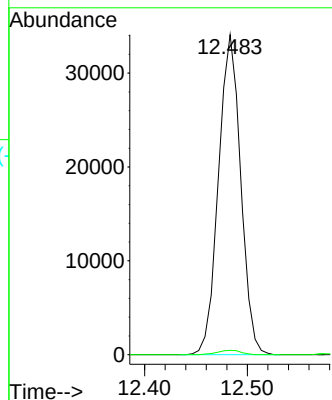
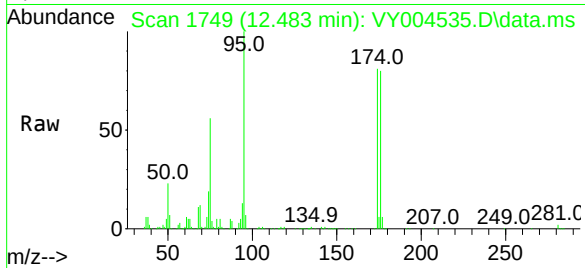




#76
1,2,3-Trichloropropane
Concen: 51.90 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 51163
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.85 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004535.D
Acq: 20 Apr 2021 17:41

Tgt Ion: 75 Resp: 51163
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 36.1 54.1#

