

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004809.D
 Acq On : 17 May 2021 17:15
 Operator : SY/MD
 Sample : M2392-10
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 01:06:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

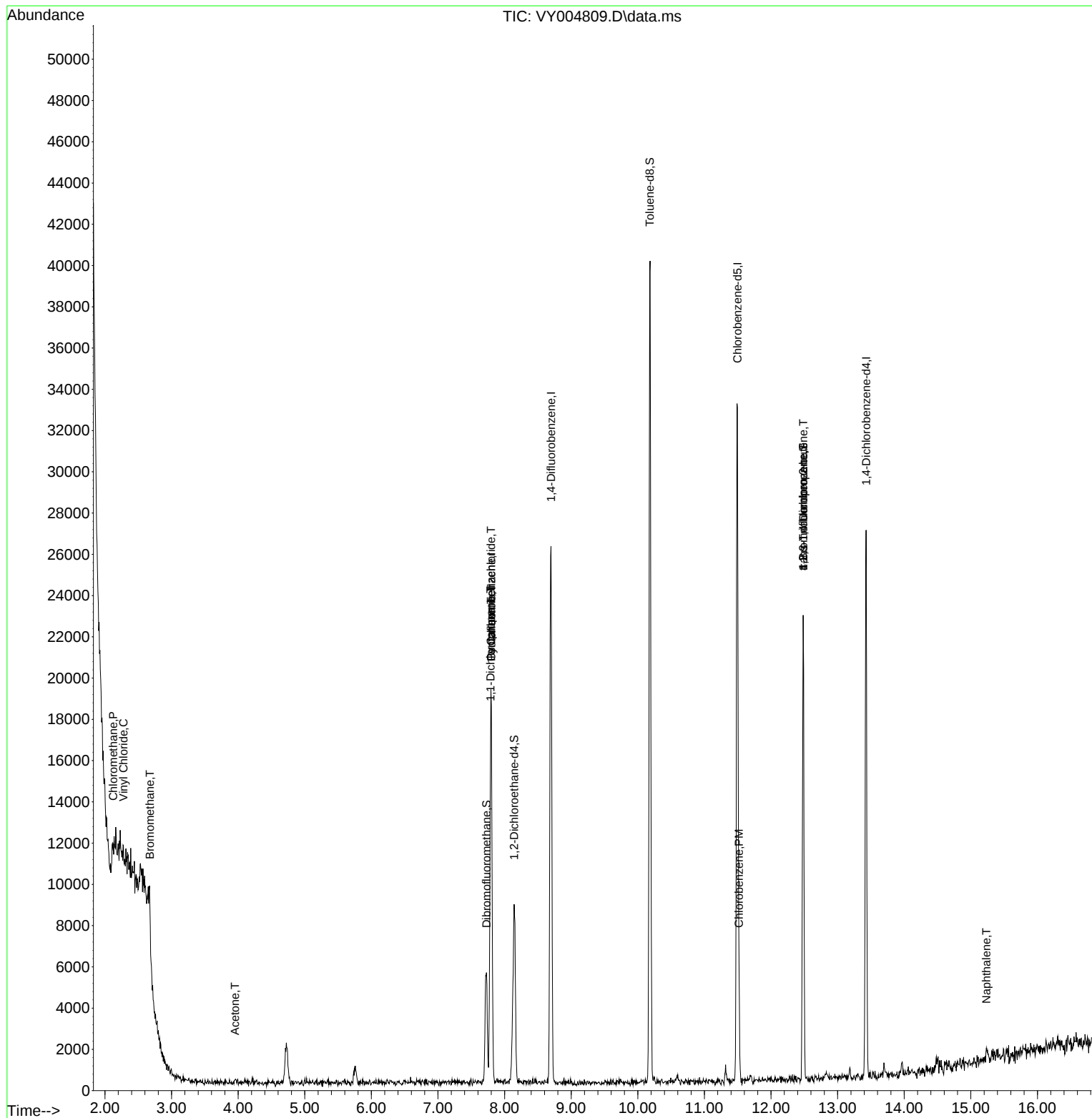
Internal Standards						
1) Pentafluorobenzene	7.801	168	14052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	22108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	17425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	6332	37.86	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	75.72%		
35) Dibromofluoromethane	7.728	113	3817	31.54	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	63.08%		
50) Toluene-d8	10.179	98	25195	46.08	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.16%		
62) 4-Bromofluorobenzene	12.483	95	6153	33.34	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	66.68%		
Target Compounds						Qvalue
3) Chloromethane	2.125	50	515	2.47	ug/l #	43
4) Vinyl Chloride	2.278	62	279	1.31	ug/l #	43
5) Bromomethane	2.674	94	137	1.26	ug/l	85
16) Acetone	3.954	43	247	6.57	ug/l #	45
20) Methylene Chloride	4.729	84	1333	Below Cal	#	81
31) Cyclohexane	7.801	56	341	1.26	ug/l #	22
36) 1,1-Dichloropropene	7.789	75	1412	6.23	ug/l #	42
38) Carbon Tetrachloride	7.795	117	1612	7.92	ug/l #	12
65) Chlorobenzene	11.520	112	2198	6.13	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	3674	55.86	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3674	96.86	ug/l #	13
95) Naphthalene	15.233	128	347	1.36	ug/l #	69

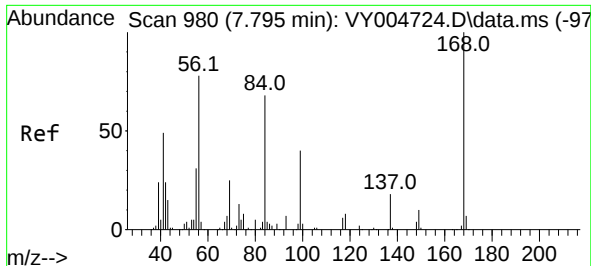
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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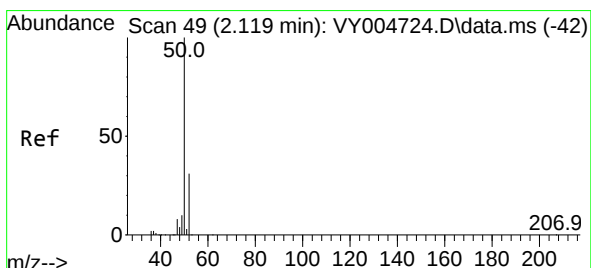
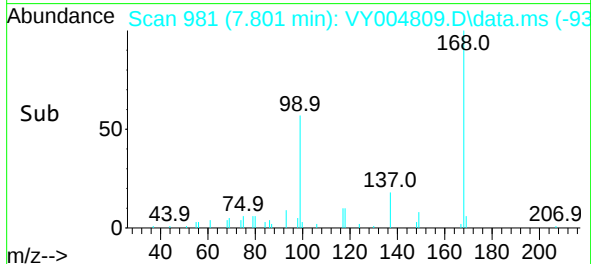
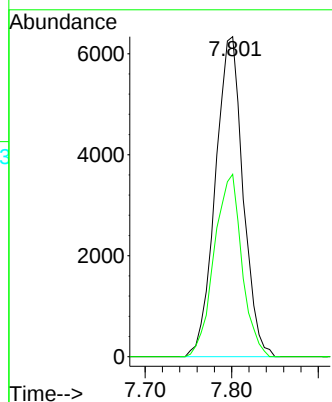
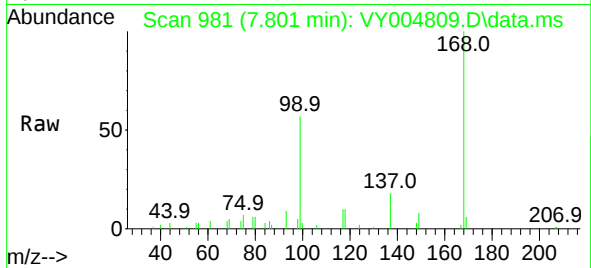




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

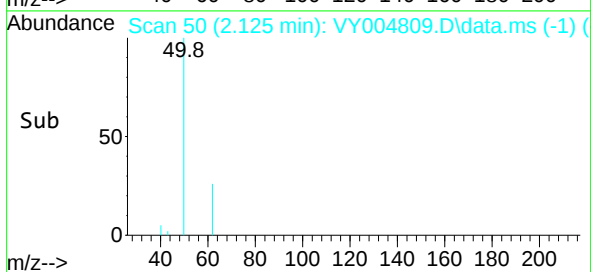
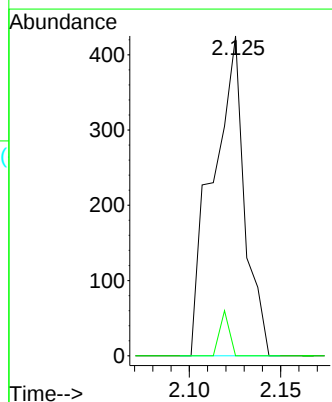
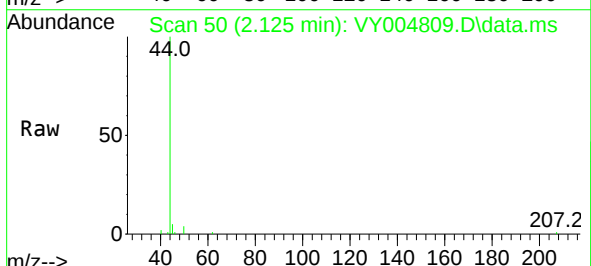
Instrument :
MSVOA_Y
ClientSampled :

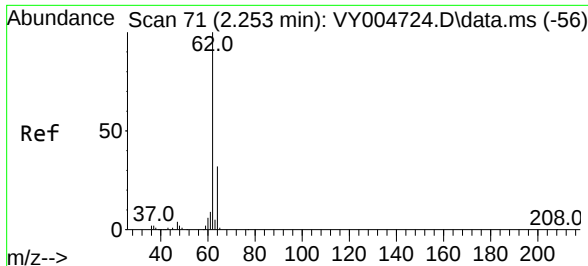
Tgt Ion:168 Resp: 14052
Ion Ratio Lower Upper
168 100
99 57.0 45.6 68.4



#3
Chloromethane
Concen: 2.47 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

Tgt Ion: 50 Resp: 515
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.6#

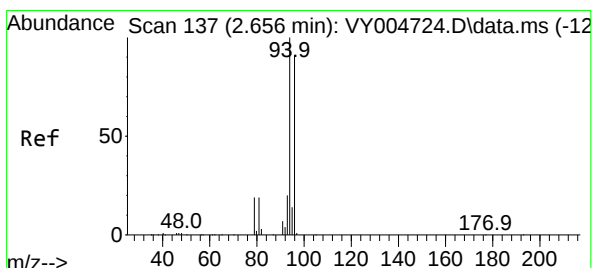
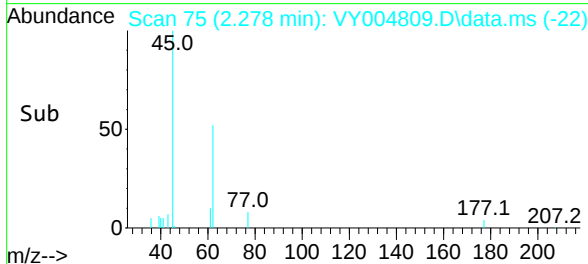
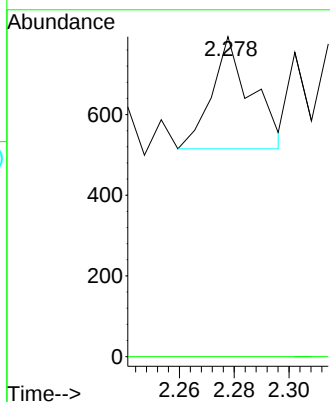
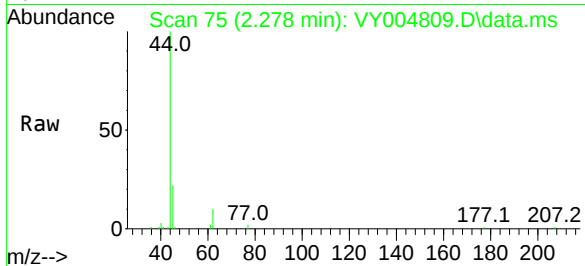




#4
 Vinyl Chloride
 Concen: 1.31 ug/l
 RT: 2.278 min Scan# 75
 Delta R.T. 0.024 min
 Lab File: VY004809.D
 Acq: 17 May 2021 17:15

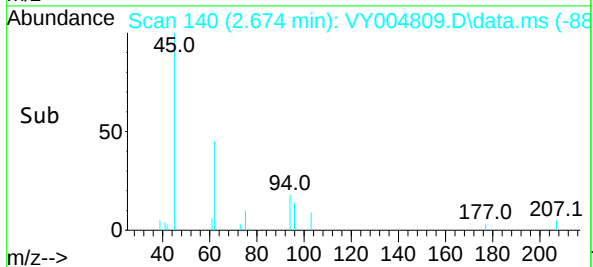
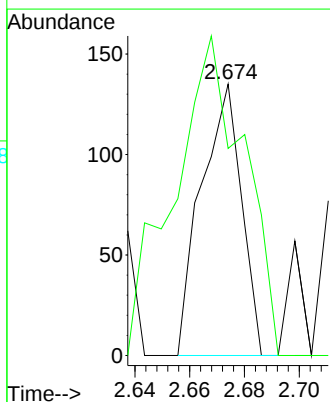
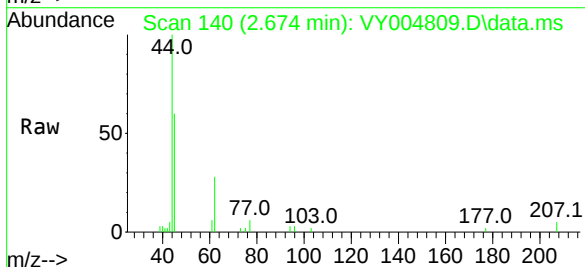
Instrument :
 MSVOA_Y
 ClientSampled :

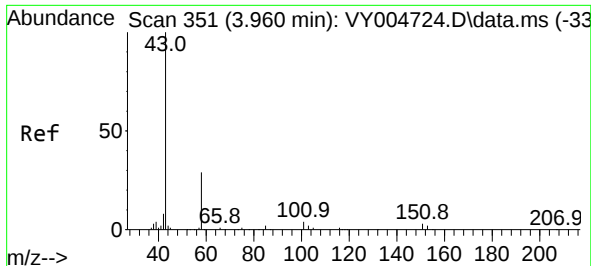
Tgt Ion: 62 Resp: 279
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.2#



#5
 Bromomethane
 Concen: 1.26 ug/l
 RT: 2.674 min Scan# 140
 Delta R.T. 0.018 min
 Lab File: VY004809.D
 Acq: 17 May 2021 17:15

Tgt Ion: 94 Resp: 137
 Ion Ratio Lower Upper
 94 100
 96 76.3 72.6 109.0

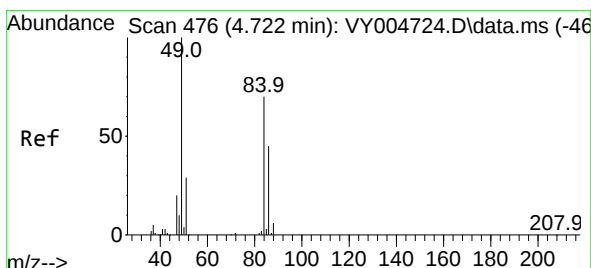
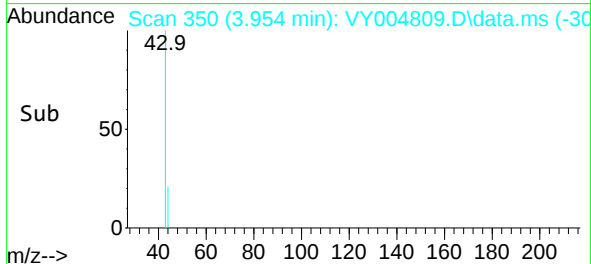
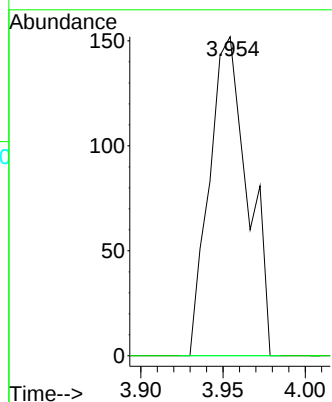
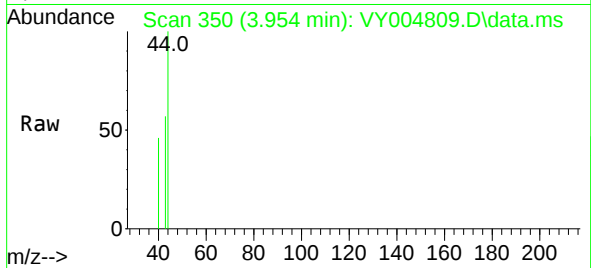




#16
Acetone
Concen: 6.57 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

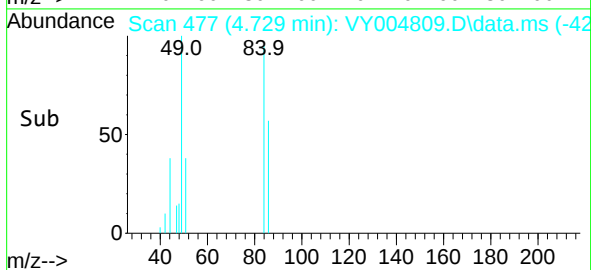
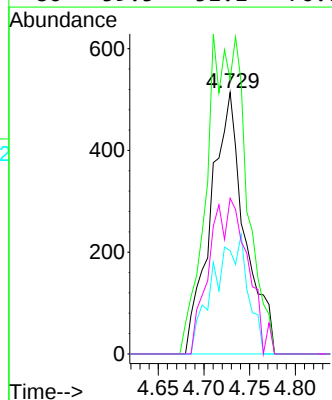
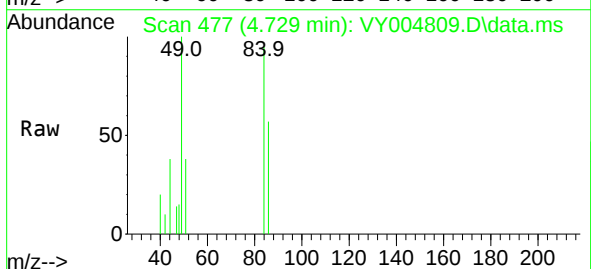
Instrument :
MSVOA_Y
ClientSampled :

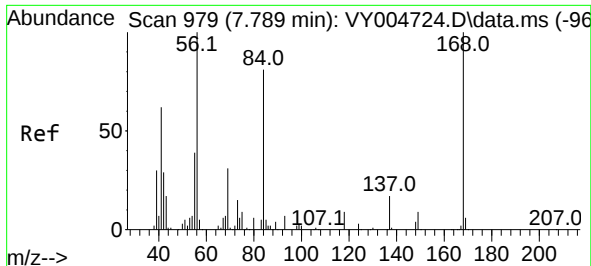
Tgt Ion: 43 Resp: 247
Ion Ratio Lower Upper
43 100
58 0.0 23.6 35.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

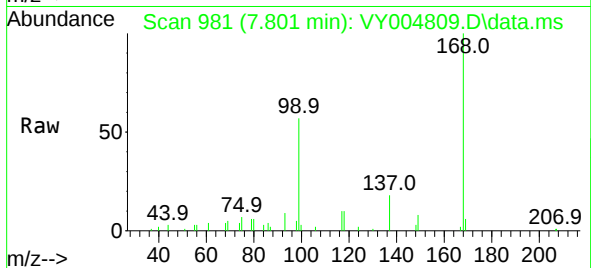
Tgt Ion: 84 Resp: 1333
Ion Ratio Lower Upper
84 100
49 105.1 113.8 170.8#
51 39.5 33.5 50.3
86 59.5 51.1 76.7



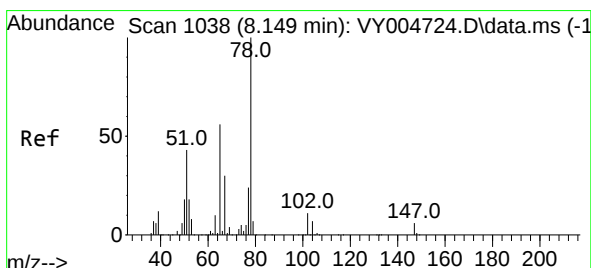
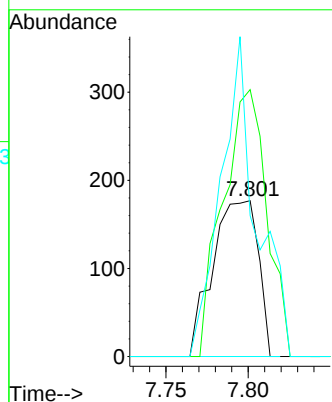
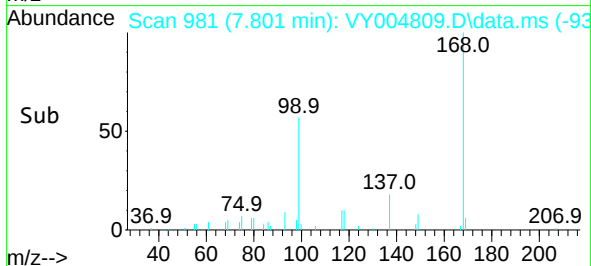


#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

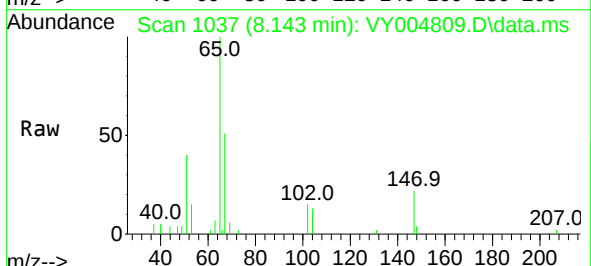
Instrument :
MSVOA_Y
ClientSampled :



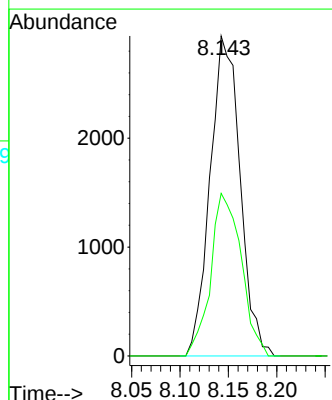
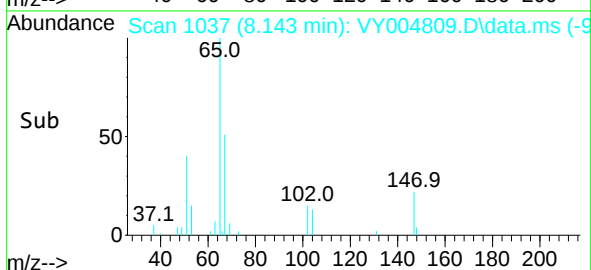
Tgt Ion: 56 Resp: 341
Ion Ratio Lower Upper
56 100
69 171.2 24.4 36.6#
84 90.4 64.8 97.2

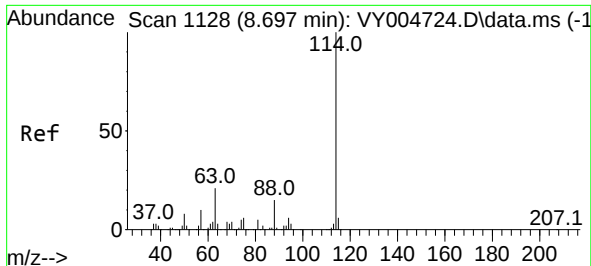


#33
1,2-Dichloroethane-d4
Concen: 37.86 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15



Tgt Ion: 65 Resp: 6332
Ion Ratio Lower Upper
65 100
67 51.8 0.0 108.0

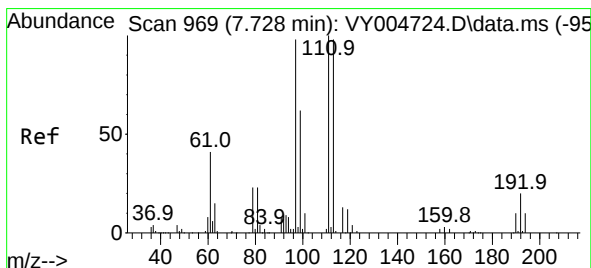
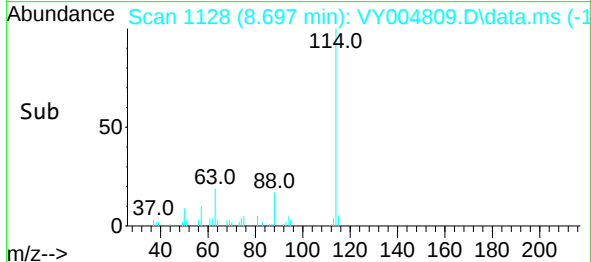
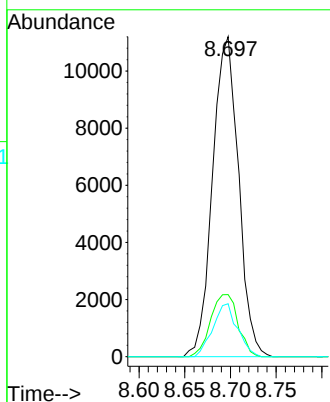
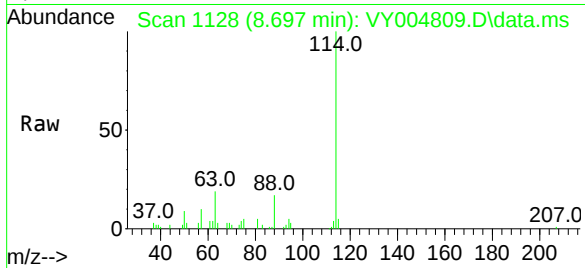




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

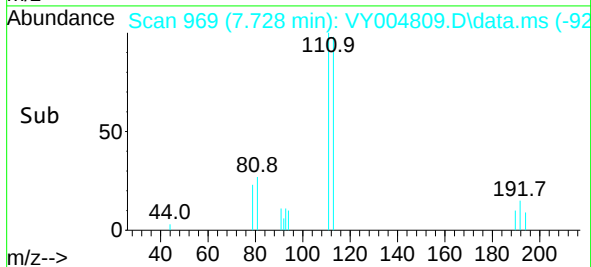
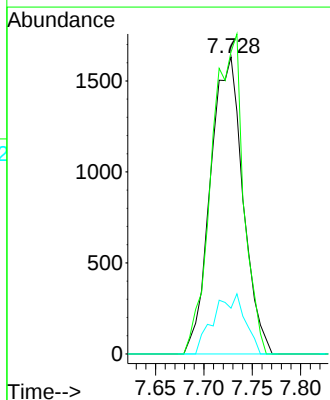
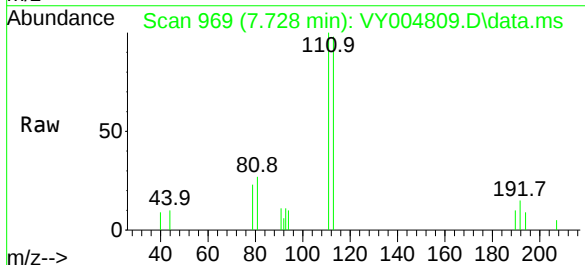
Instrument :
MSVOA_Y
ClientSampled :

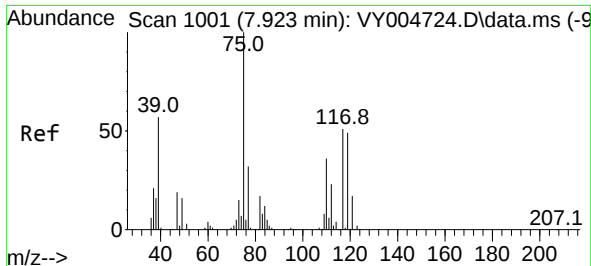
Tgt Ion:	114	Resp:	22108
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	42.8
88	16.6	0.0	31.0



#35
Dibromofluoromethane
Concen: 31.54 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

Tgt Ion:	113	Resp:	3817
Ion Ratio	Lower	Upper	
113	100		
111	104.6	80.5	120.7
192	19.3	15.0	22.6

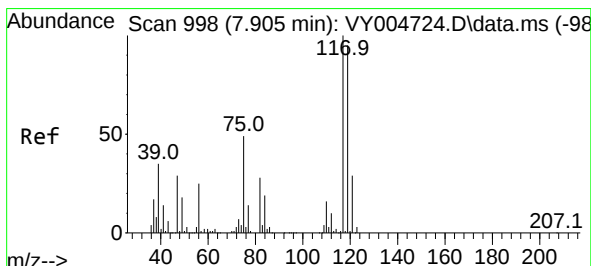
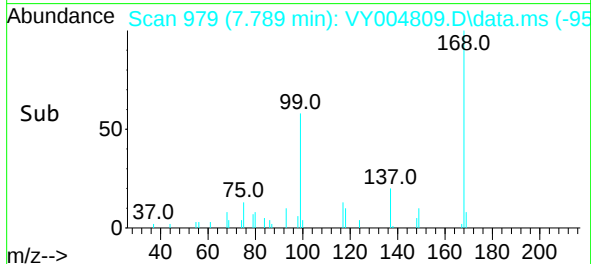
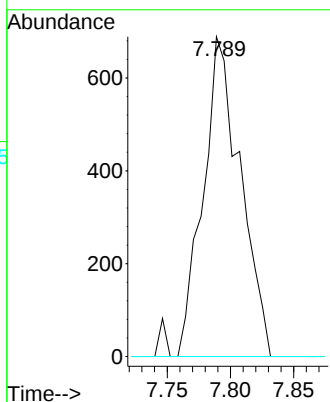
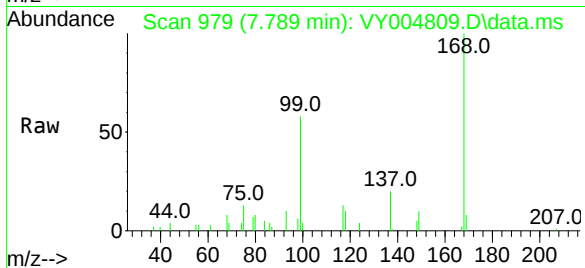




#36
1,1-Dichloropropene
Concen: 6.23 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

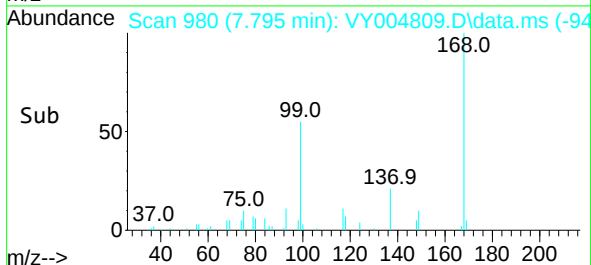
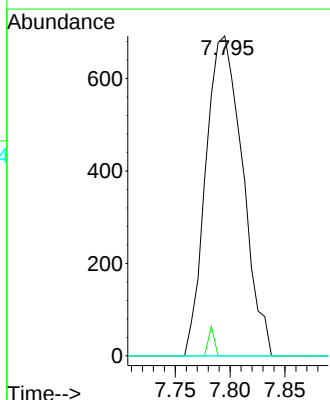
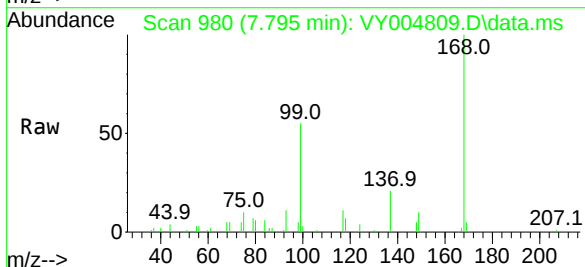
Instrument :
MSVOA_Y
ClientSampled :

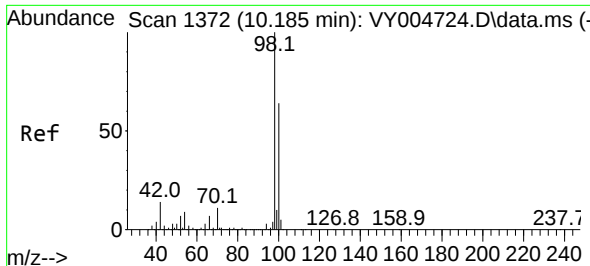
Tgt Ion: 75 Resp: 1412
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 7.92 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

Tgt Ion: 117 Resp: 1612
Ion Ratio Lower Upper
117 100
119 0.0 76.3 114.5#
121 0.0 23.0 34.6#

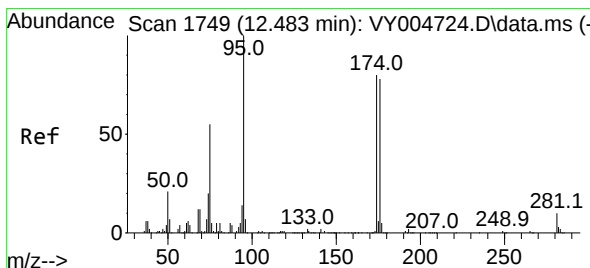
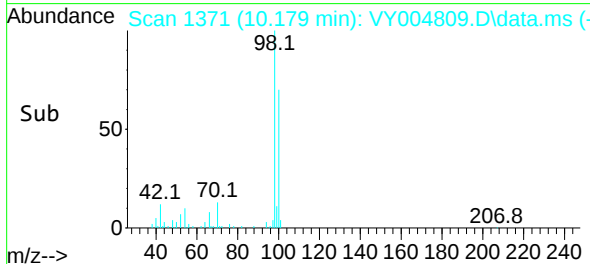
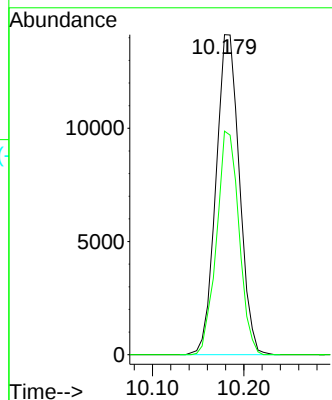
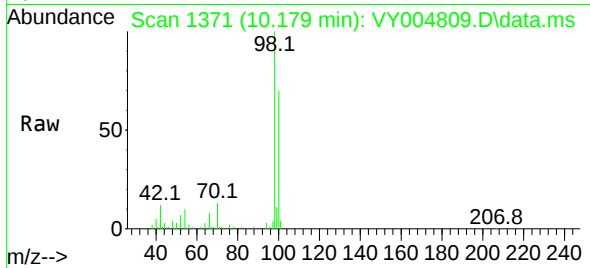




#50
Toluene-d8
Concen: 46.08 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

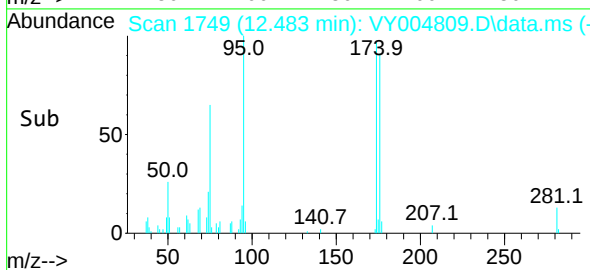
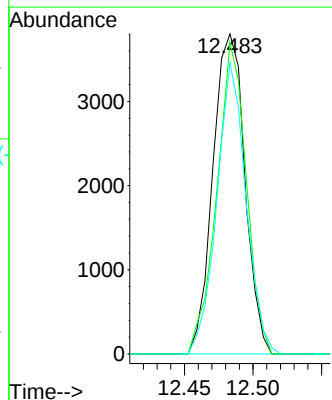
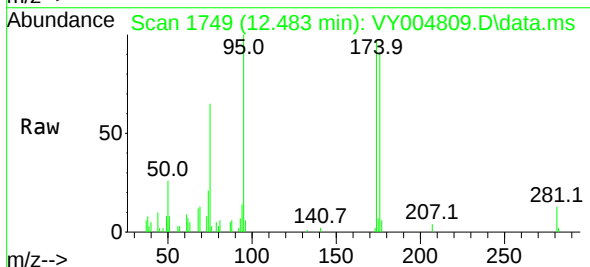
Instrument :
MSVOA_Y
ClientSampled :

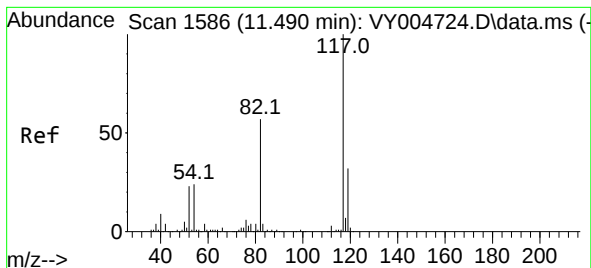
Tgt Ion: 98 Resp: 25195
Ion Ratio Lower Upper
98 100
100 66.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 33.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

Tgt Ion: 95 Resp: 6153
Ion Ratio Lower Upper
95 100
174 90.0 0.0 164.2
176 82.9 0.0 159.0

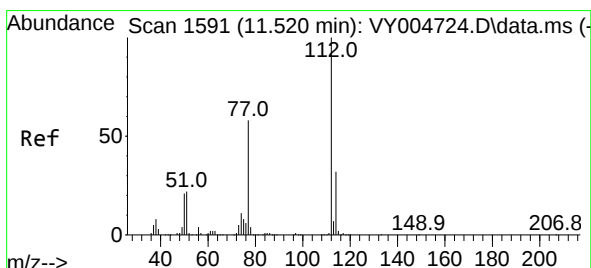
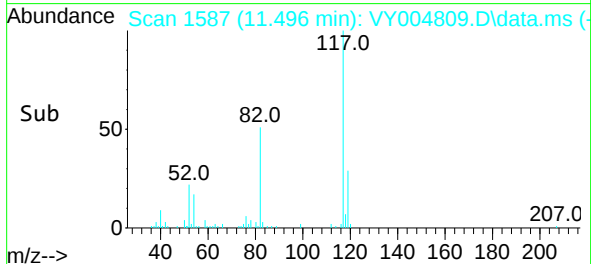
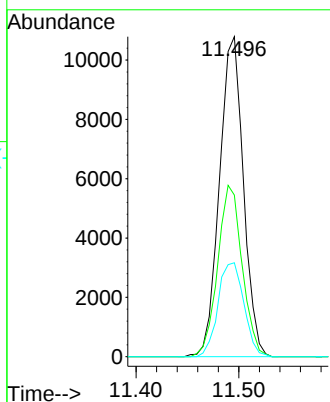
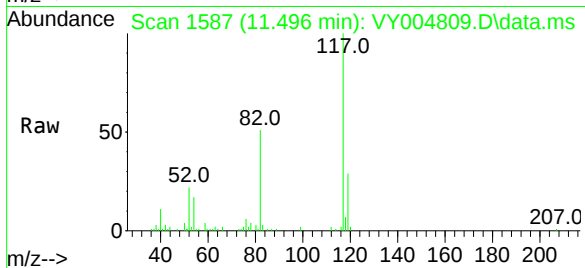




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

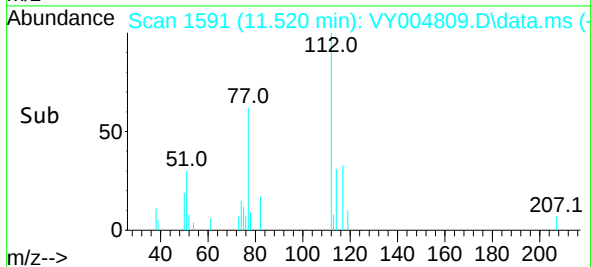
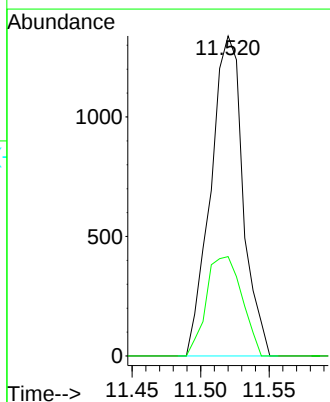
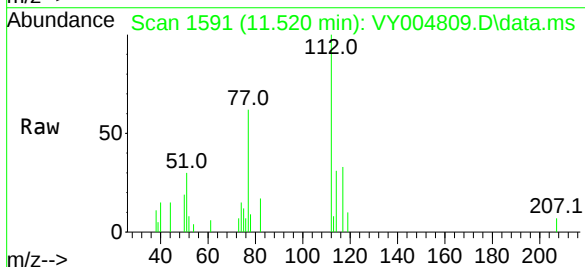
Instrument :
MSVOA_Y
ClientSampled :

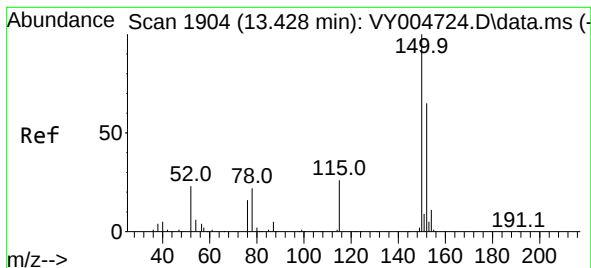
Tgt Ion:117 Resp: 17425
Ion Ratio Lower Upper
117 100
82 50.5 45.4 68.2
119 29.3 25.8 38.6



#65
Chlorobenzene
Concen: 6.13 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

Tgt Ion:112 Resp: 2198
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

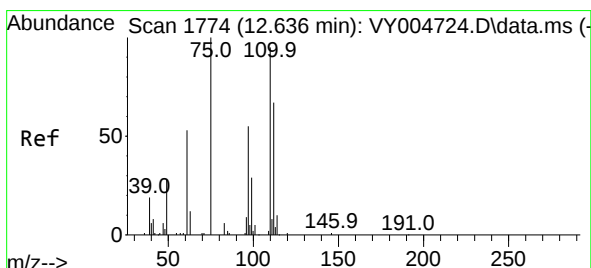
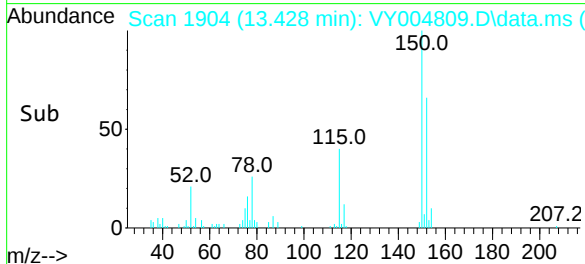
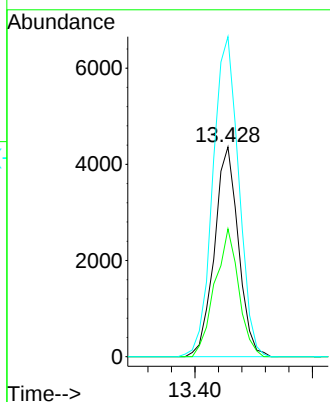
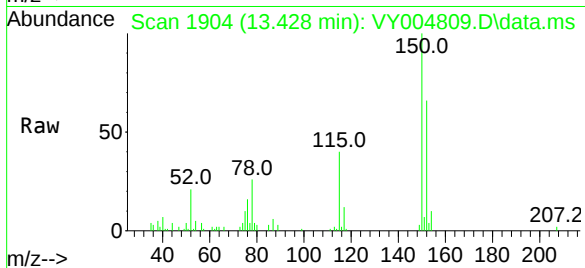




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

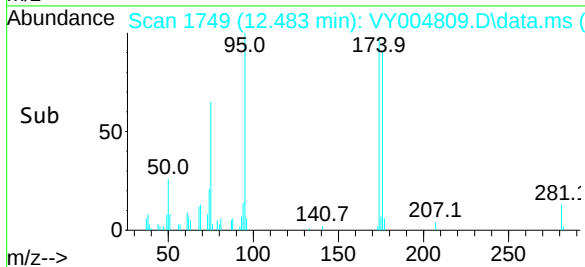
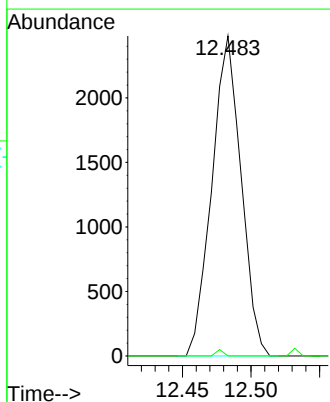
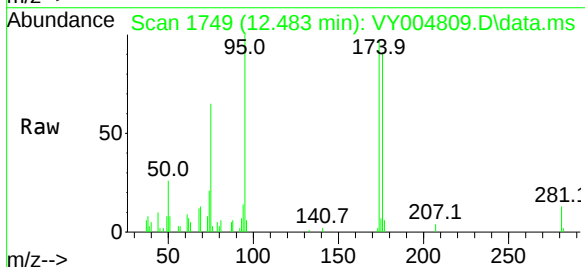
Instrument :
MSVOA_Y
ClientSampleId :

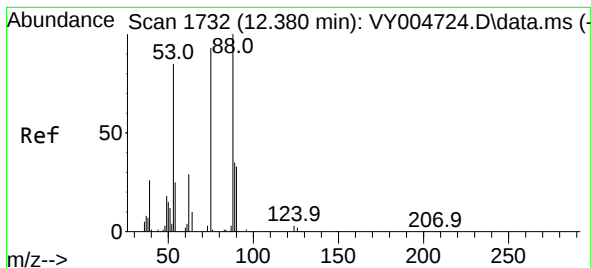
Tgt Ion:152 Resp: 6192
Ion Ratio Lower Upper
152 100
115 60.5 29.4 88.3
150 164.1 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 55.86 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

Tgt Ion: 75 Resp: 3674
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#

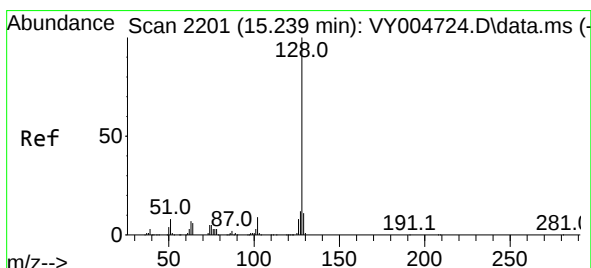
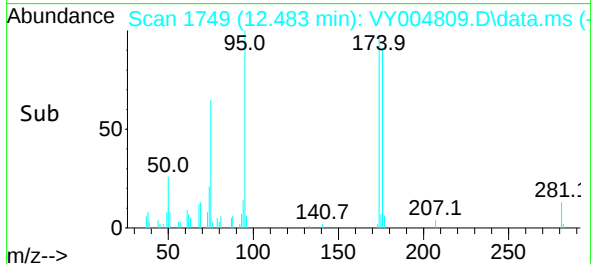
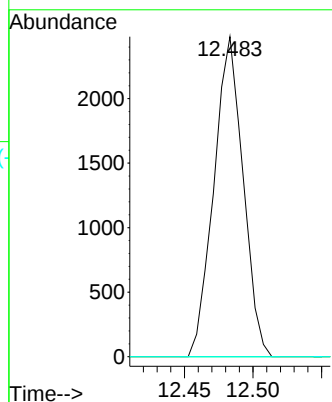
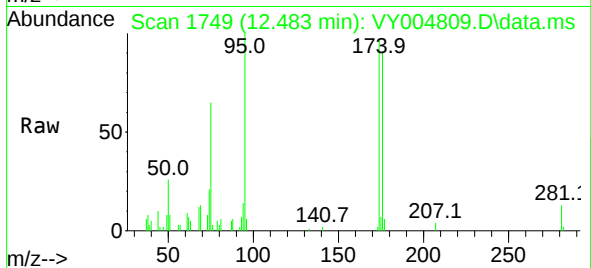




#81
trans-1,4-Dichloro-2-butene
Concen: 96.86 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 3674
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 35.5 53.3#



#95
Naphthalene
Concen: 1.36 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004809.D
Acq: 17 May 2021 17:15

Tgt Ion: 128 Resp: 347
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

