

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004840.D
 Acq On : 18 May 2021 20:30
 Operator : SY/MD
 Sample : M2420-02
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 19 01:07:36 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)

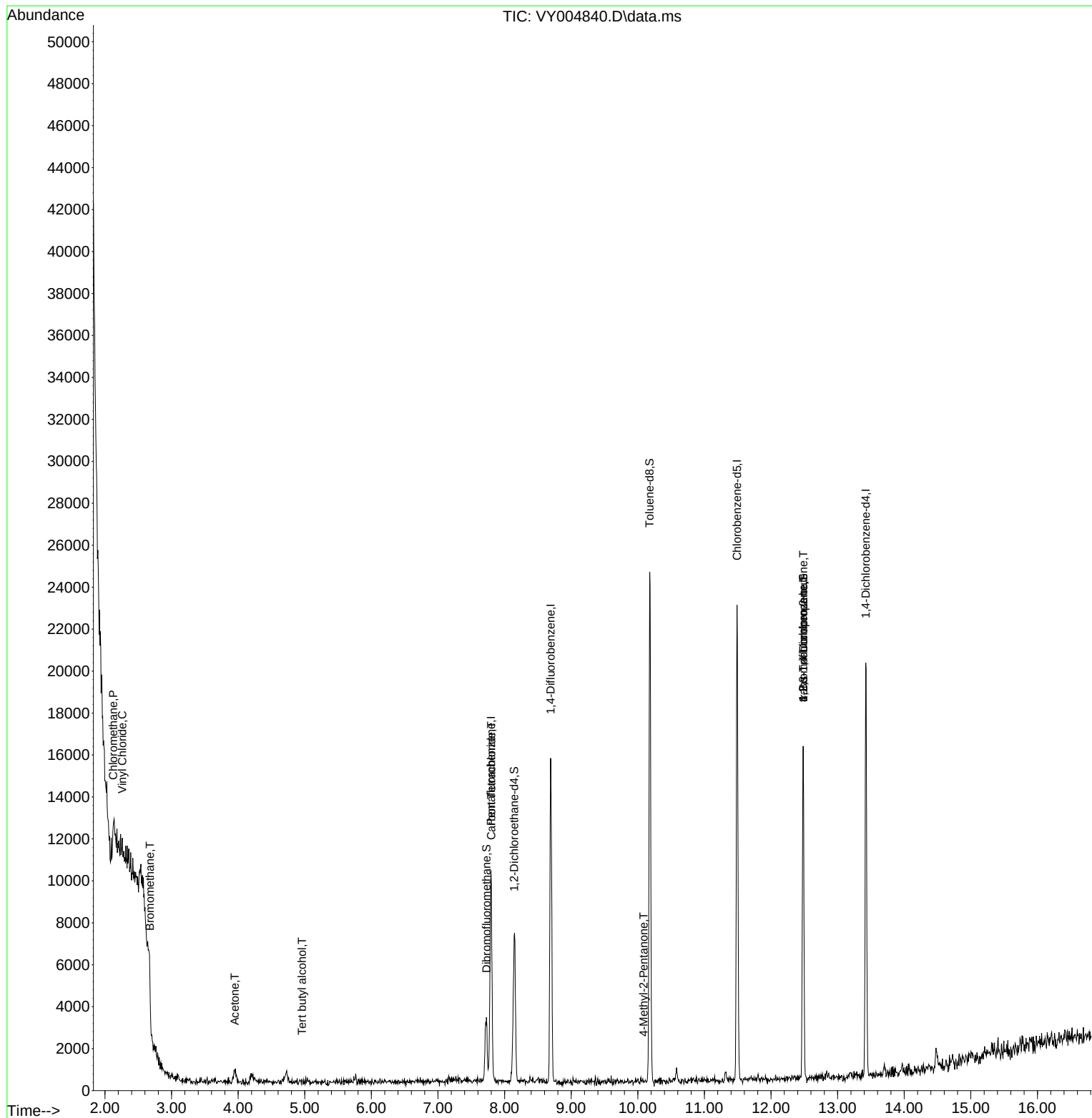
Internal Standards						
1) Pentafluorobenzene	7.795	168	7509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	12328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5352	59.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.76%
35) Dibromofluoromethane	7.728	113	2436	36.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.18%
50) Toluene-d8	10.179	98	16024	52.56	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.12%
62) 4-Bromofluorobenzene	12.483	95	4756	46.22	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.44%
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	247	2.22	ug/l #	74
4) Vinyl Chloride	2.259	62	297	2.60	ug/l #	43
5) Bromomethane	2.674	94	100	1.72	ug/l #	45
11) Tert butyl alcohol	4.960	59	98	10.91	ug/l #	71
16) Acetone	3.948	43	1132	56.39	ug/l	94
20) Methylene Chloride	4.728	84	406	Below Cal	#	72
38) Carbon Tetrachloride	7.801	117	662	5.83	ug/l #	12
51) 4-Methyl-2-Pentanone	10.087	43	158	1.83	ug/l #	39
76) 1,2,3-Trichloropropane	12.483	75	2736	53.91	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2736	93.48	ug/l #	13

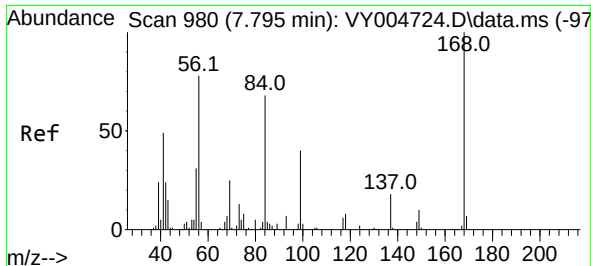
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 19 01:07:36 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

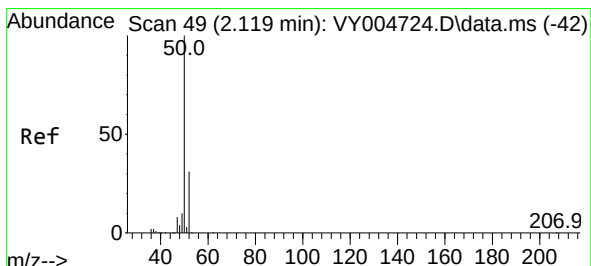
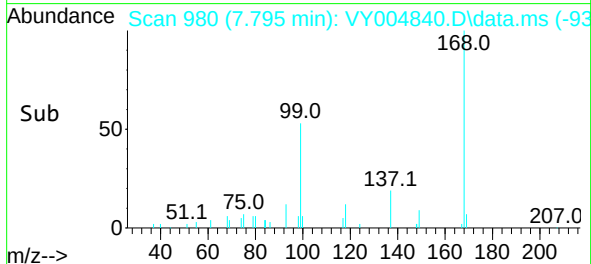
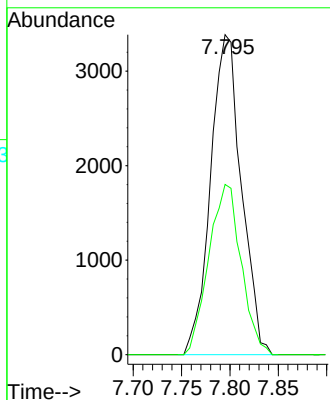
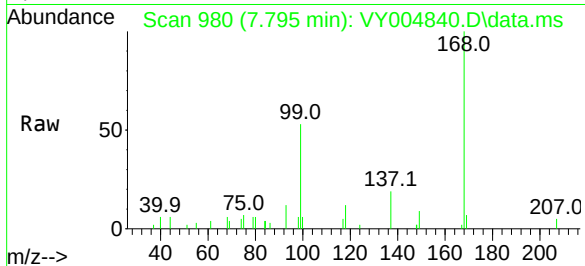




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

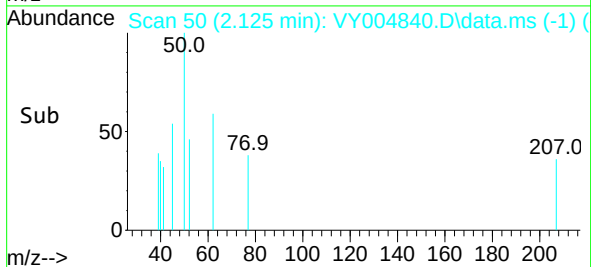
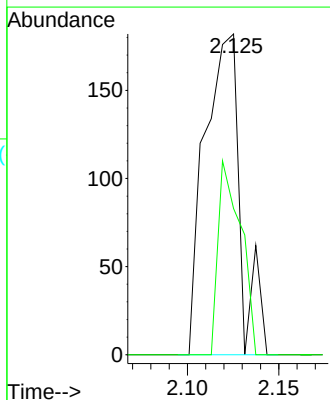
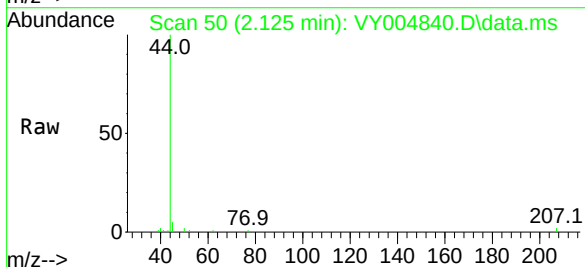
Instrument :
MSVOA_Y
ClientSampled :

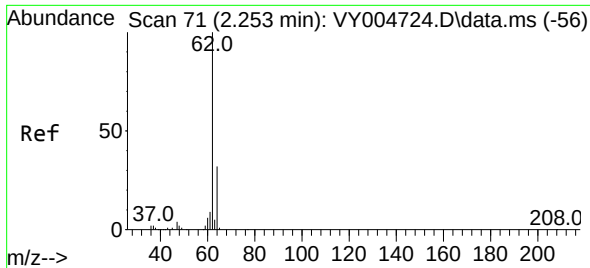
Tgt Ion:168 Resp: 7509
Ion Ratio Lower Upper
168 100
99 53.2 45.6 68.4



#3
Chloromethane
Concen: 2.22 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

Tgt Ion: 50 Resp: 247
Ion Ratio Lower Upper
50 100
52 45.6 25.0 37.6#

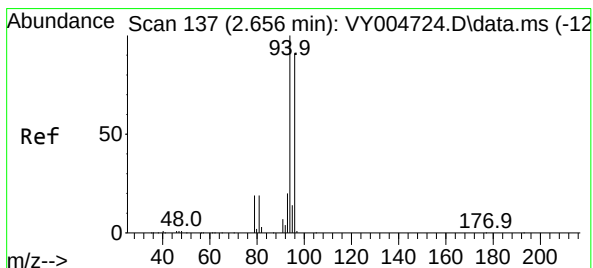
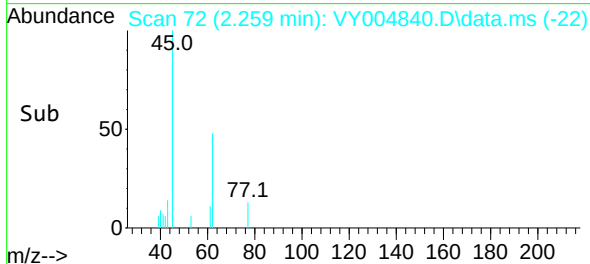
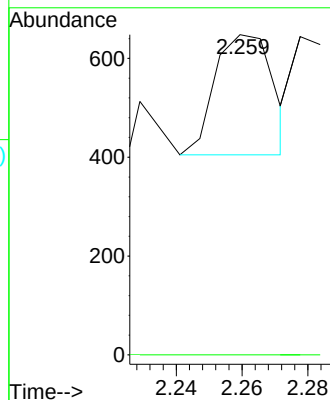
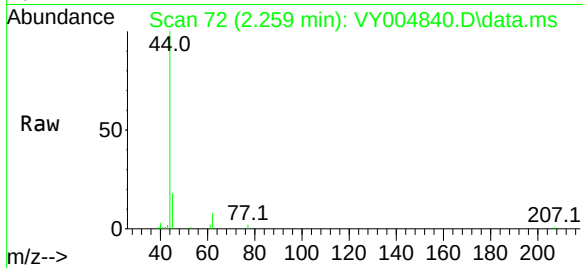




#4
 Vinyl Chloride
 Concen: 2.60 ug/l
 RT: 2.259 min Scan# 72
 Delta R.T. 0.006 min
 Lab File: VY004840.D
 Acq: 18 May 2021 20:30

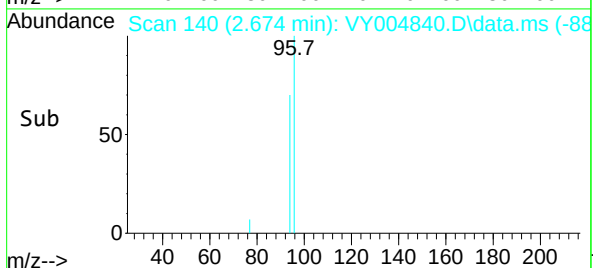
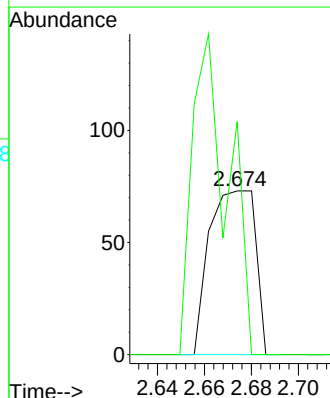
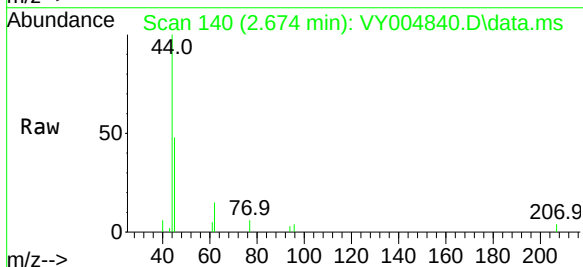
Instrument :
 MSVOA_Y
 ClientSampled :

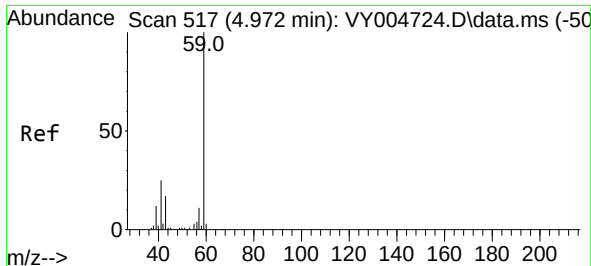
Tgt Ion: 62 Resp: 297
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.2#



#5
 Bromomethane
 Concen: 1.72 ug/l
 RT: 2.674 min Scan# 140
 Delta R.T. 0.018 min
 Lab File: VY004840.D
 Acq: 18 May 2021 20:30

Tgt Ion: 94 Resp: 100
 Ion Ratio Lower Upper
 94 100
 96 142.5 72.6 109.0#

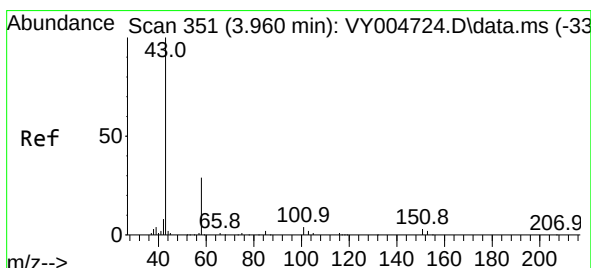
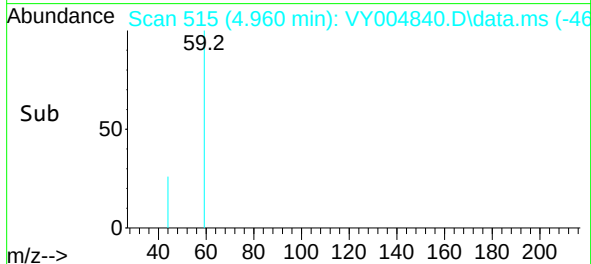
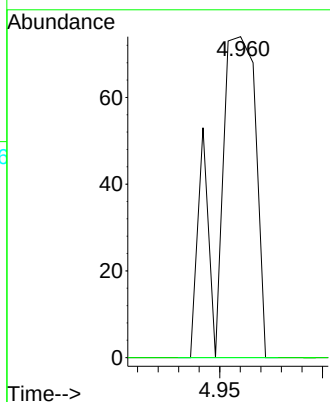
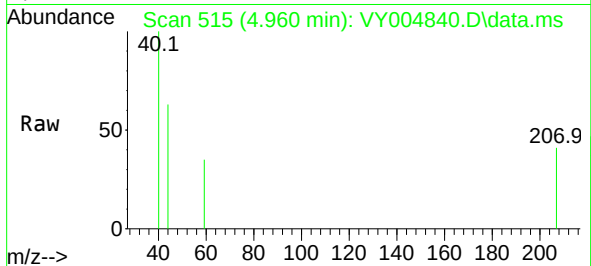




#11
Tert butyl alcohol
Concen: 10.91 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

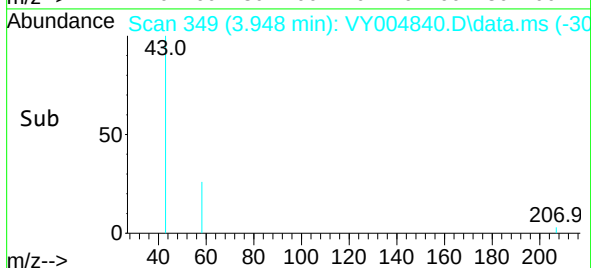
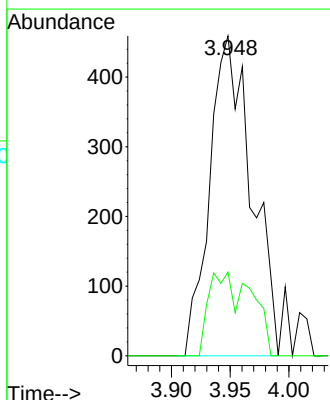
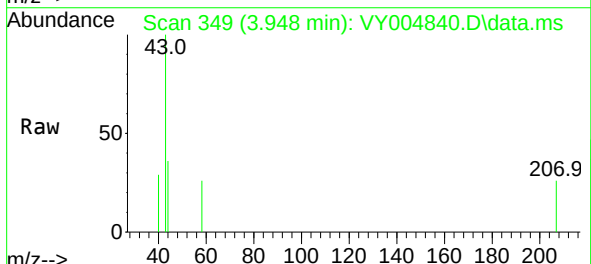
Instrument :
MSVOA_Y
ClientSampled :

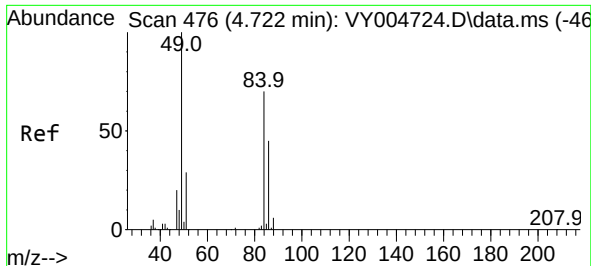
Tgt Ion: 59 Resp: 98
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 56.39 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

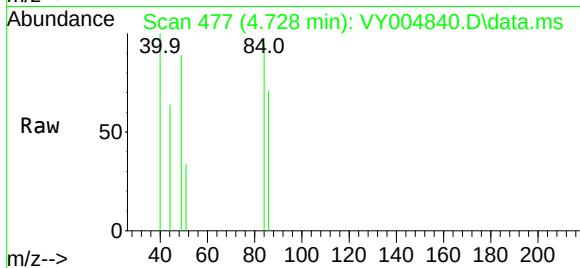
Tgt Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
58 26.1 23.6 35.4



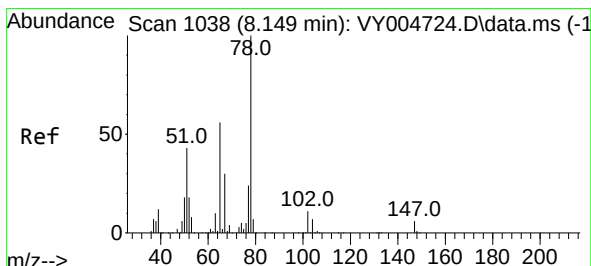
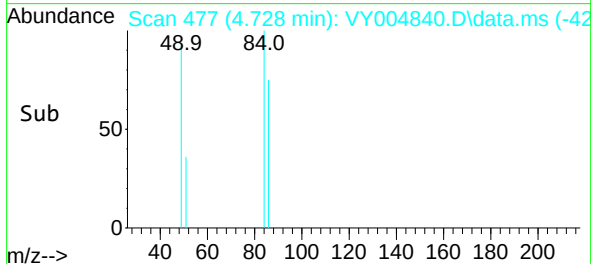
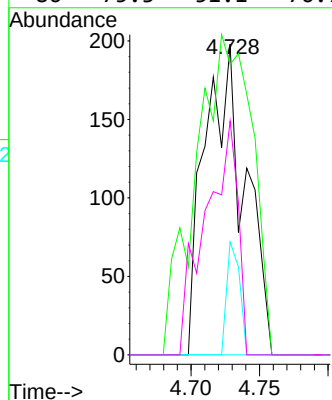


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

Instrument :
MSVOA_Y
ClientSampled :

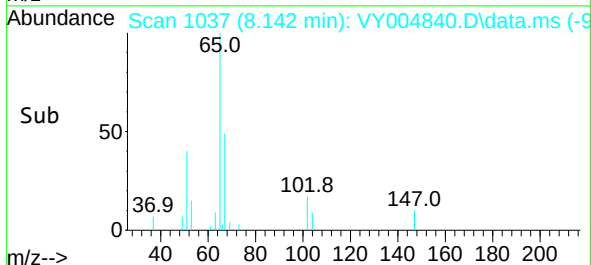
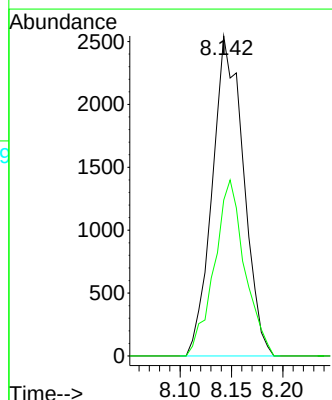
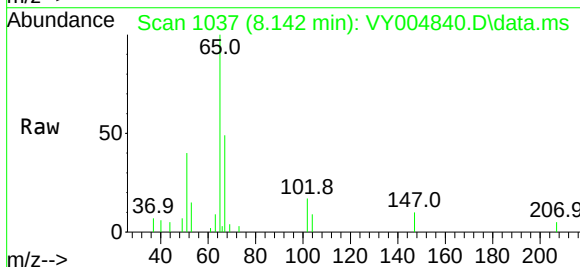


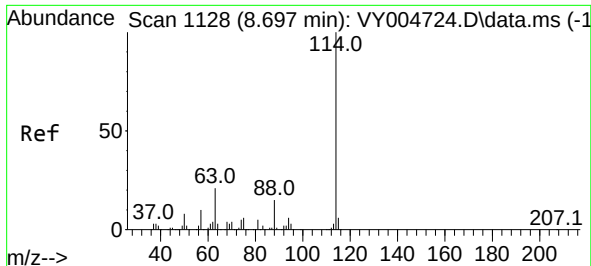
Tgt Ion: 84 Resp: 406
Ion Ratio Lower Upper
84 100
49 93.4 113.8 170.8#
51 36.4 33.5 50.3
86 75.3 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 59.88 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

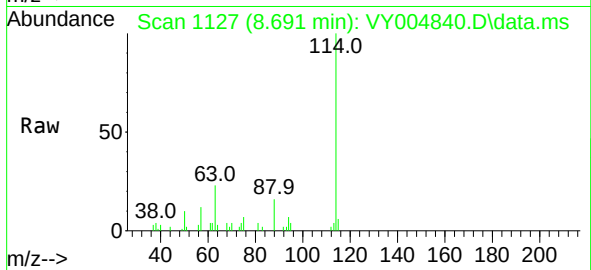
Tgt Ion: 65 Resp: 5352
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.0



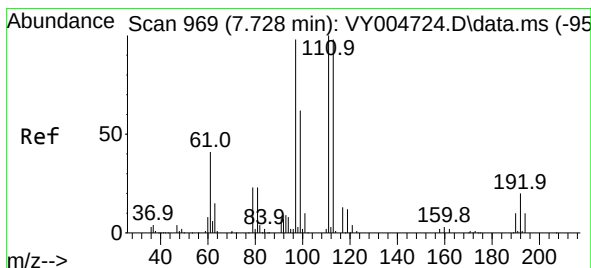
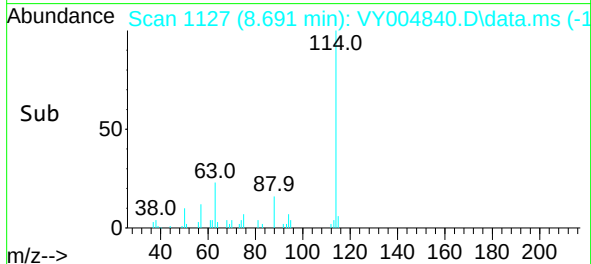
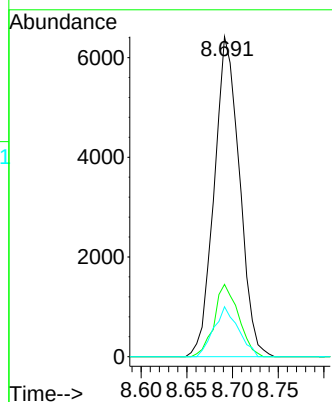


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

Instrument :
MSVOA_Y
ClientSampled :

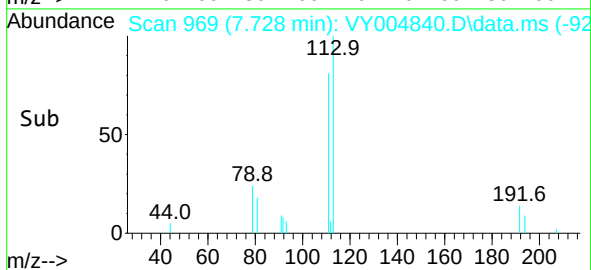
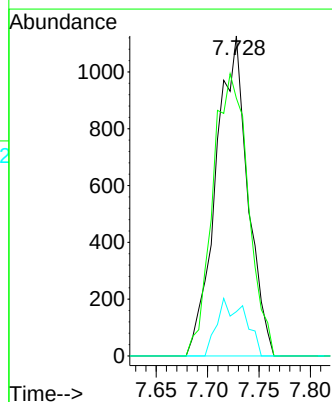
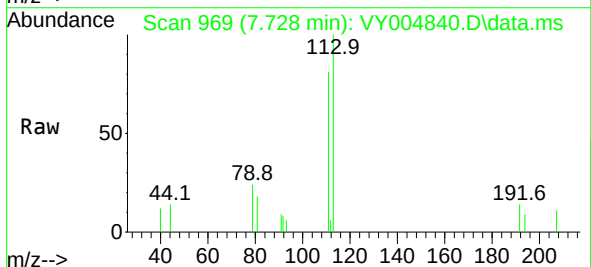


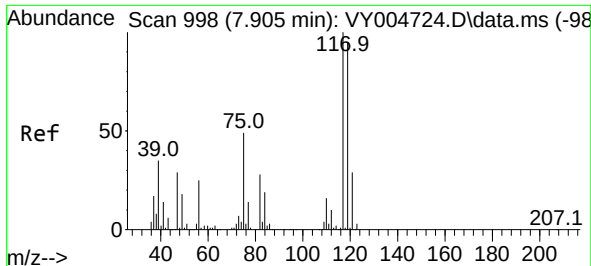
Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	42.8
88	15.6	0.0	31.0



#35
Dibromofluoromethane
Concen: 36.09 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

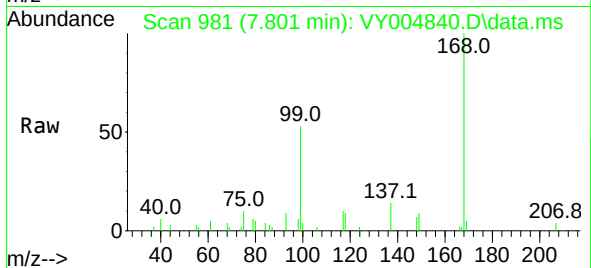
Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.0	80.5	120.7
192	15.6	15.0	22.6



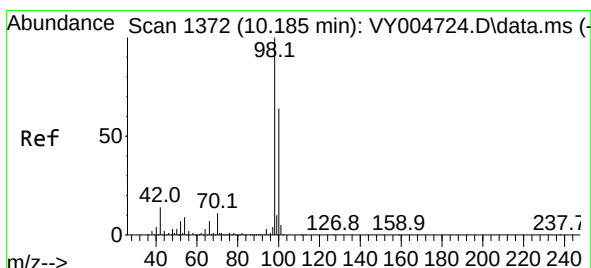
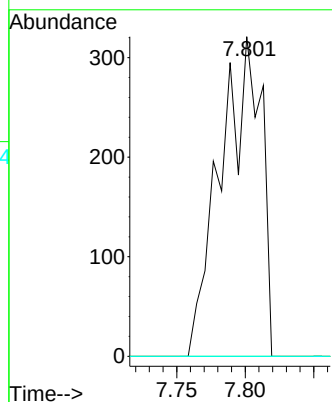
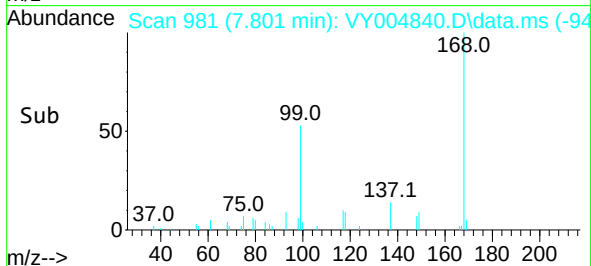


#38
Carbon Tetrachloride
Concen: 5.83 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

Instrument :
MSVOA_Y
ClientSampled :

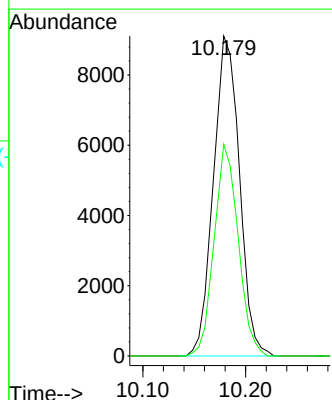
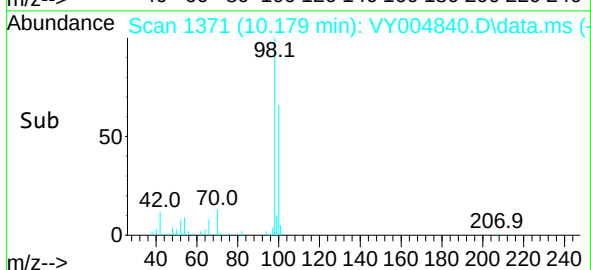
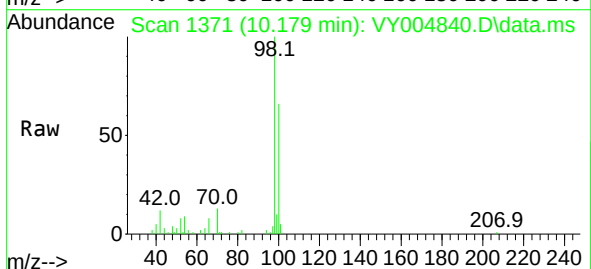


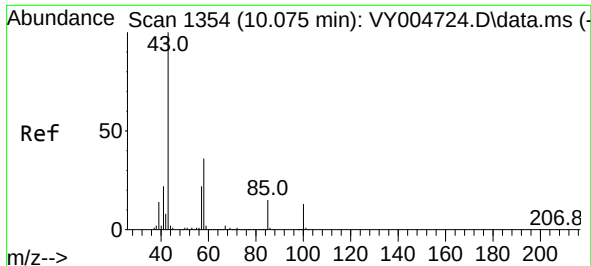
Tgt Ion: 117 Resp: 662
Ion Ratio Lower Upper
117 100
119 0.0 76.3 114.5#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 52.56 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

Tgt Ion: 98 Resp: 16024
Ion Ratio Lower Upper
98 100
100 61.1 51.5 77.3

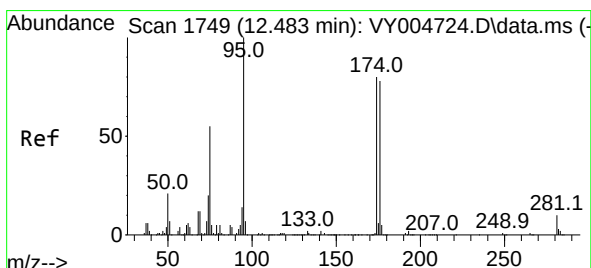
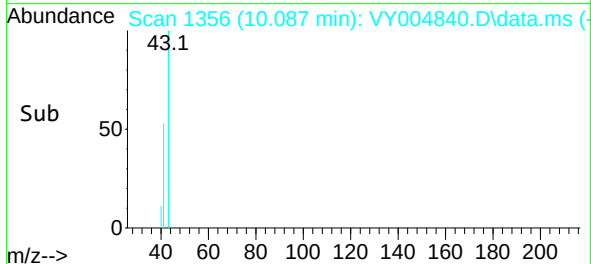
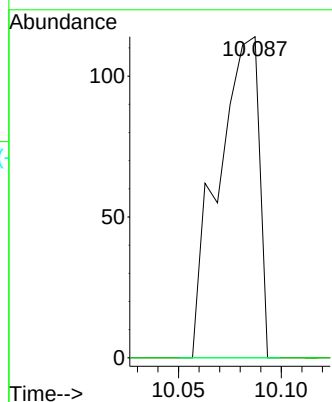
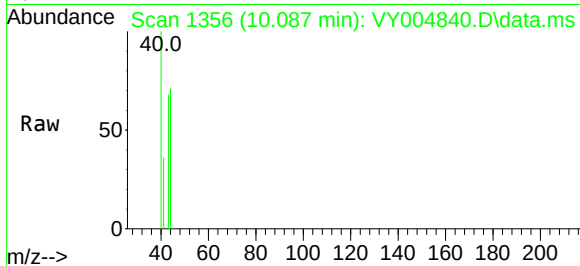




#51
4-Methyl-2-Pentanone
Concen: 1.83 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. 0.012 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

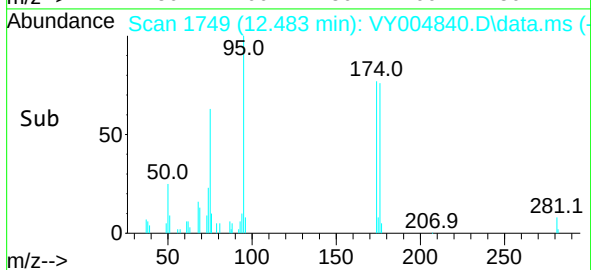
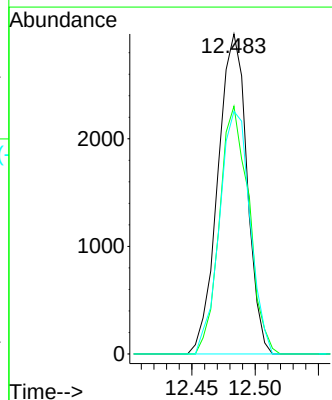
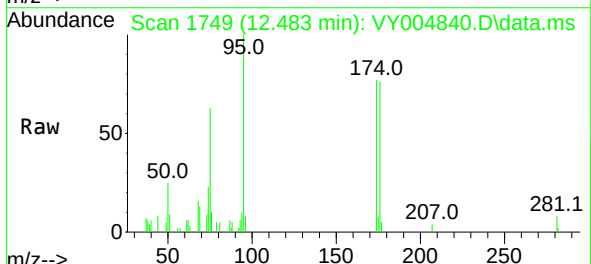
Instrument :
MSVOA_Y
ClientSampled :

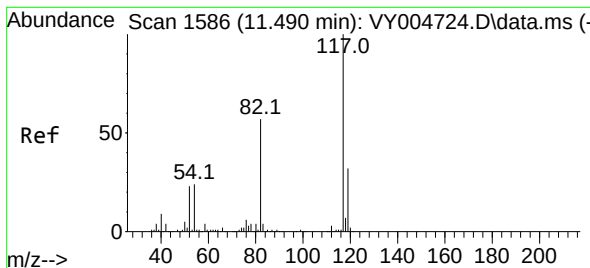
Tgt Ion: 43 Resp: 158
Ion Ratio Lower Upper
43 100
58 0.0 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 46.22 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

Tgt Ion: 95 Resp: 4756
Ion Ratio Lower Upper
95 100
174 78.0 0.0 164.2
176 79.4 0.0 159.0

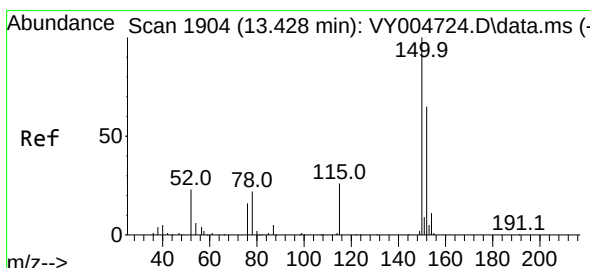
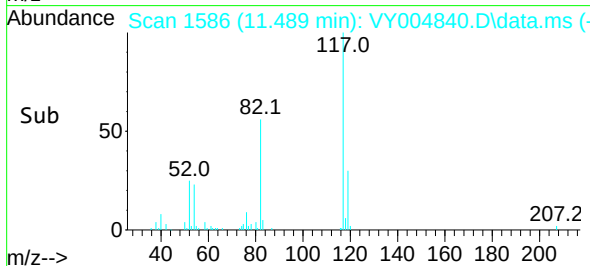
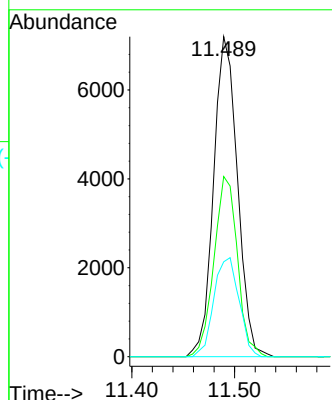
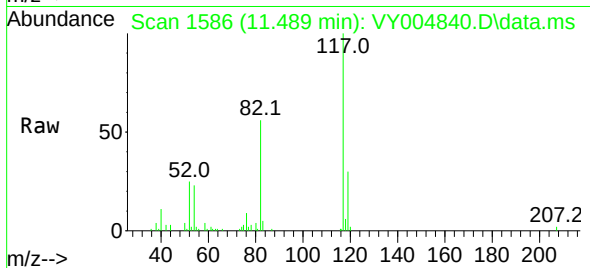




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

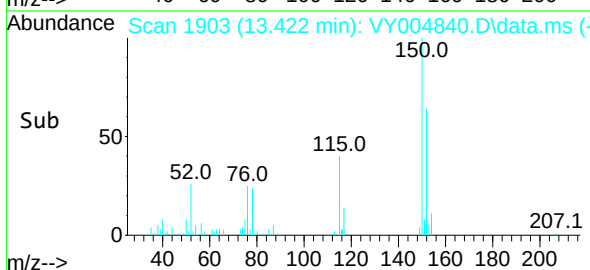
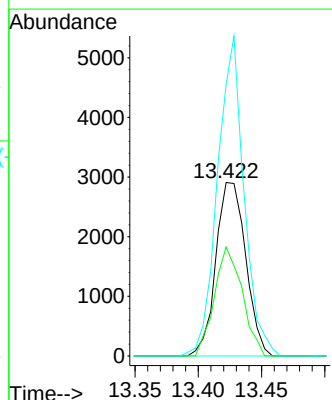
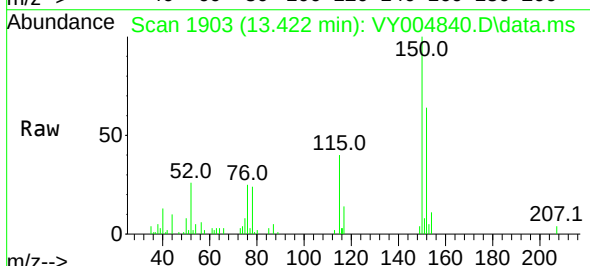
Instrument :
MSVOA_Y
ClientSampleId :

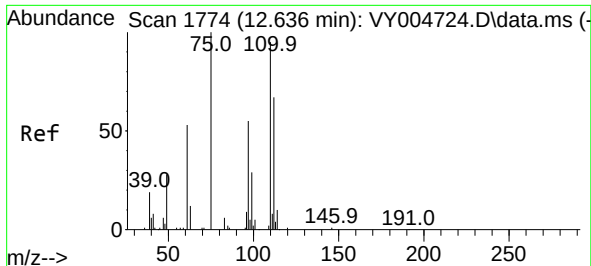
Tgt Ion:	117	Resp:	11611
Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.4	68.2
119	29.7	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

Tgt Ion:	152	Resp:	4778
Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.4	88.3
150	163.2	0.0	349.8

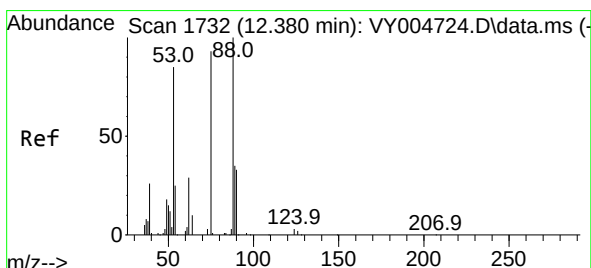
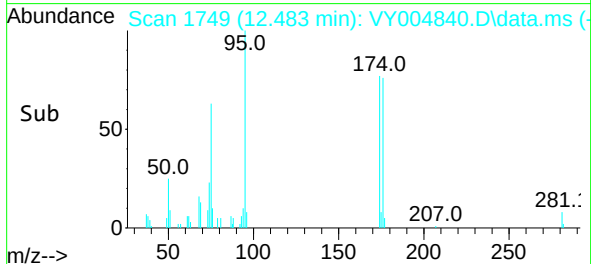
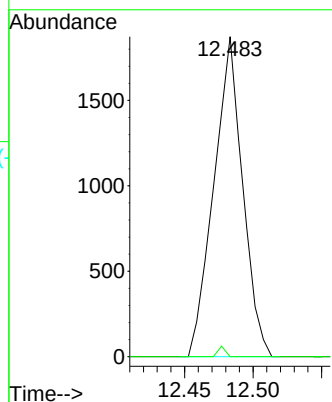
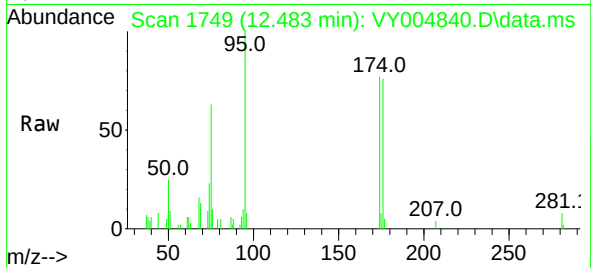




#76
1,2,3-Trichloropropane
Concen: 53.91 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2736
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.48 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004840.D
Acq: 18 May 2021 20:30

Tgt Ion: 75 Resp: 2736
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 35.5 53.3#

