

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004931.D
 Acq On : 03 Jun 2021 13:07
 Operator : SY/MD
 Sample : M2589-01
 Misc : 5.38G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 04 01:14:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

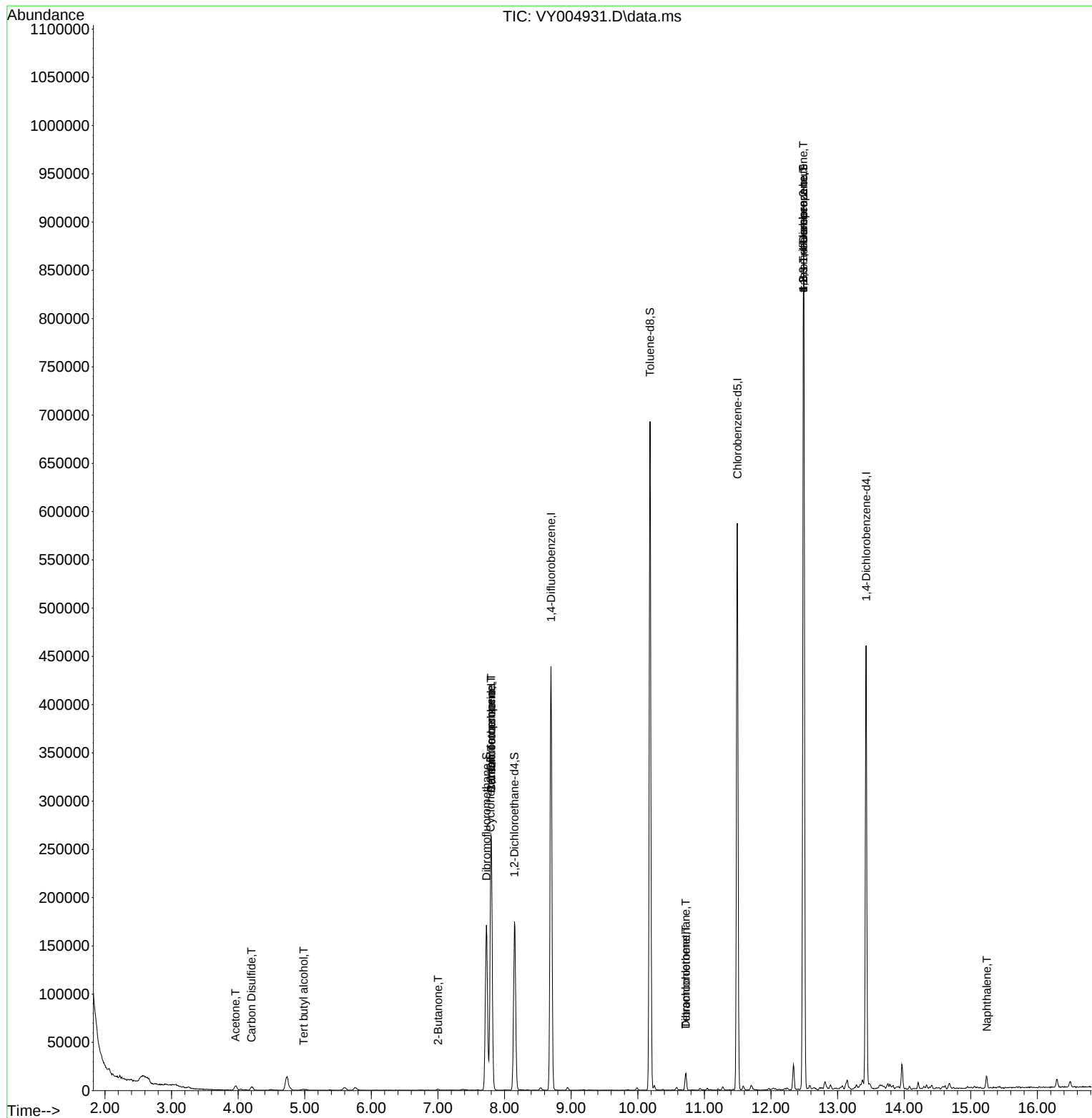
Internal Standards						
1) Pentafluorobenzene	7.801	168	201896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	360007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	313908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133070	62.35	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.70%	
35) Dibromofluoromethane	7.728	113	120621	62.28	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.56%	
50) Toluene-d8	10.185	98	438068	54.46	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.92%	
62) 4-Bromofluorobenzene	12.483	95	131946	47.69	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.38%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.985	59	2243	9.14	ug/l #	78
16) Acetone	3.960	43	7953	15.48	ug/l	97
17) Carbon Disulfide	4.198	76	6754	1.06	ug/l	100
20) Methylene Chloride	4.735	84	10363	Below Cal		91
25) 2-Butanone	7.003	43	1356	1.57	ug/l	98
31) Cyclohexane	7.789	56	4459	1.19	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	16467	4.67	ug/l #	50
38) Carbon Tetrachloride	7.801	117	20463	6.67	ug/l #	15
60) Dibromochloromethane	10.721	129	2688	1.21	ug/l #	11
64) Tetrachloroethene	10.721	164	2872	1.09	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	75160	61.88	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75160	113.72	ug/l #	16
95) Naphthalene	15.239	128	10034	2.31	ug/l	98

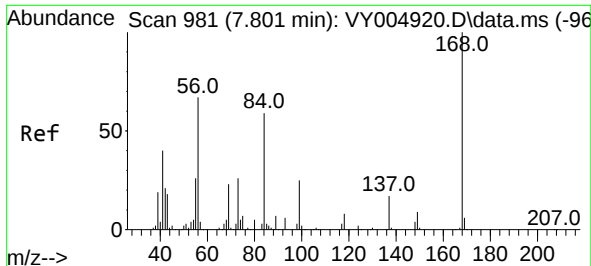
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
Data File : VY004931.D
Acq On : 03 Jun 2021 13:07
Operator : SY/MD
Sample : M2589-01
Misc : 5.38G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

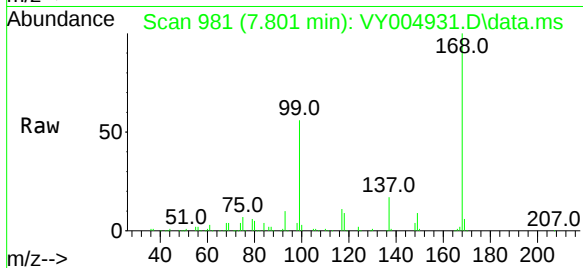
Quant Time: Jun 04 01:14:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration



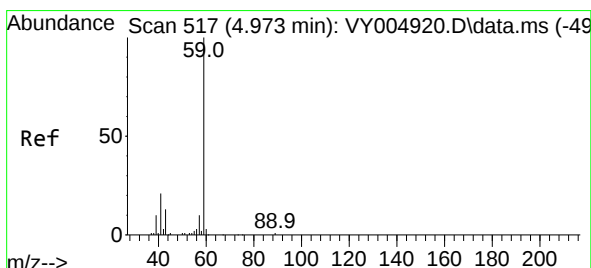
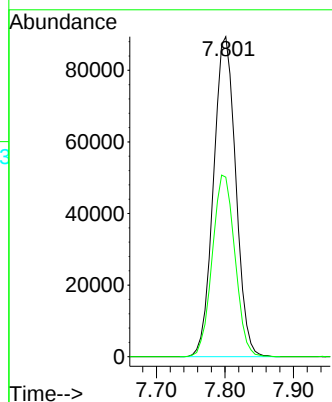
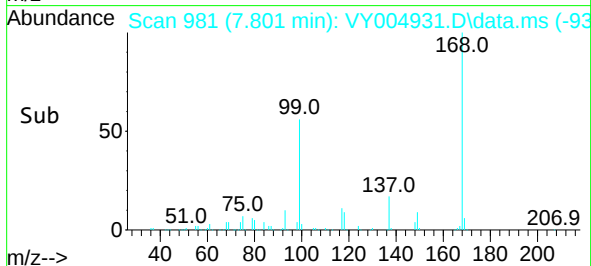


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07

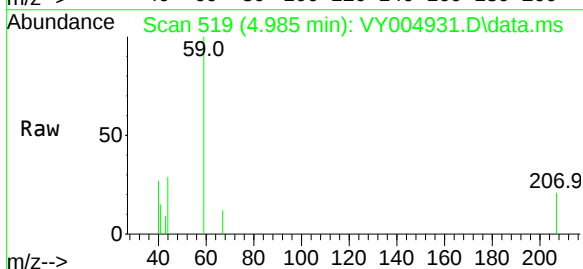
Instrument :
MSVOA_Y
ClientSampleId :



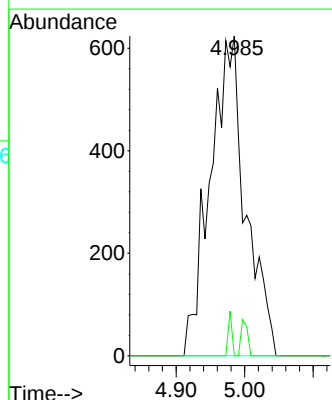
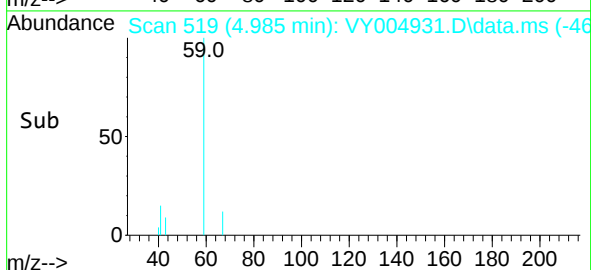
Tgt Ion:168 Resp: 201896
Ion Ratio Lower Upper
168 100
99 56.1 43.9 65.9



#11
Tert butyl alcohol
Concen: 9.14 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07



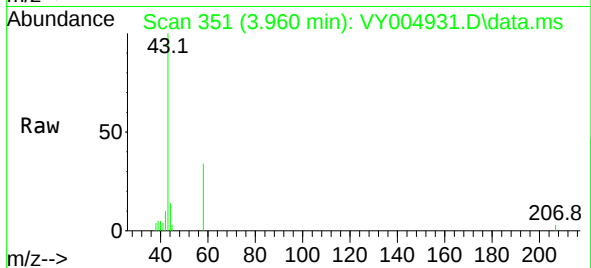
Tgt Ion: 59 Resp: 2243
Ion Ratio Lower Upper
59 100
57 1.4 7.7 11.5#



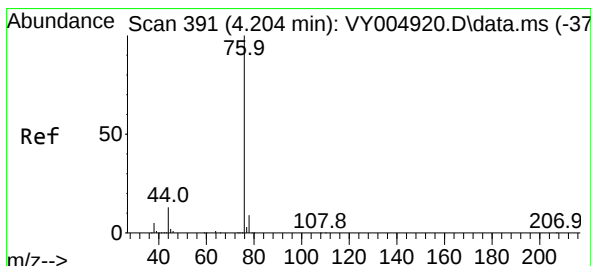
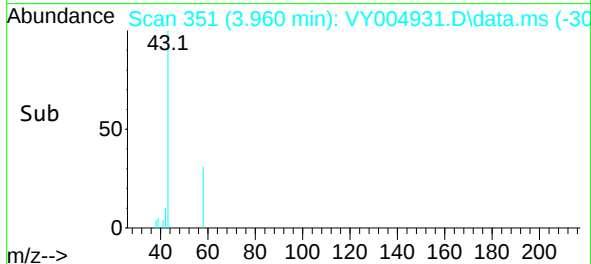
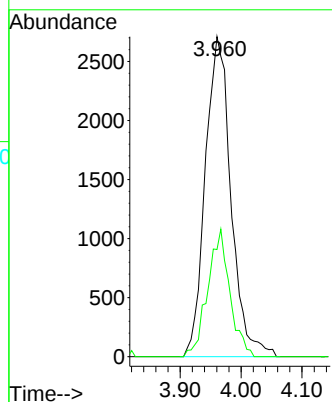


#16
Acetone
Concen: 15.48 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07

Instrument :
MSVOA_Y
ClientSampled :

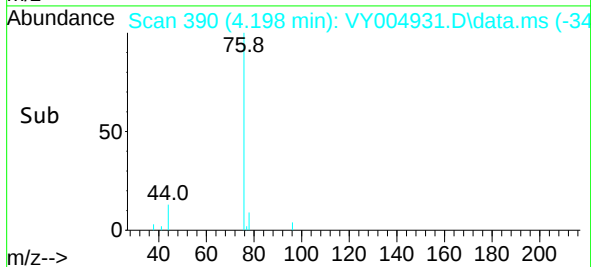
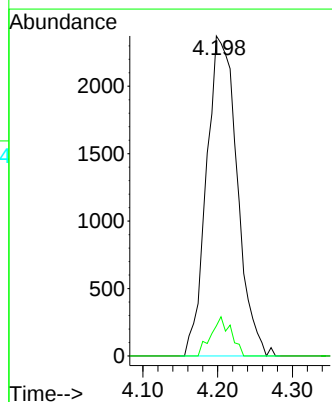
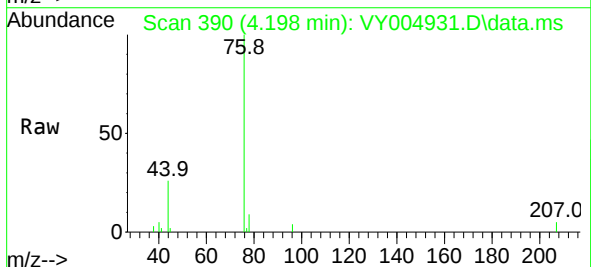


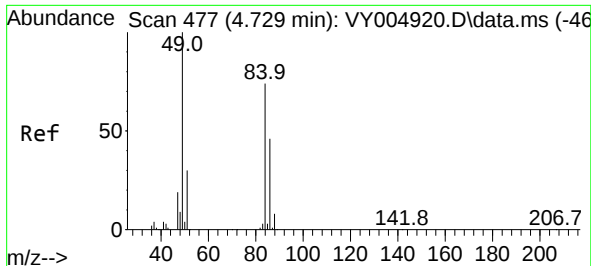
Tgt Ion: 43 Resp: 7953
Ion Ratio Lower Upper
43 100
58 33.5 25.3 37.9



#17
Carbon Disulfide
Concen: 1.06 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07

Tgt Ion: 76 Resp: 6754
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4





#20

Methylene Chloride

Concen: Below Cal

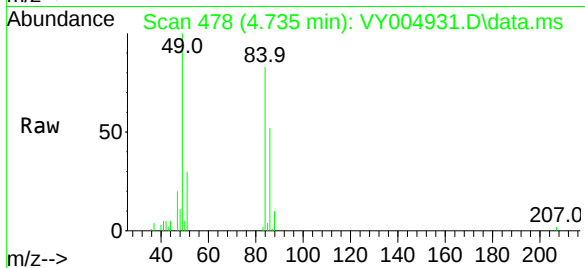
RT: 4.735 min Scan# 478

Delta R.T. 0.006 min

Lab File: VY004931.D

Acq: 03 Jun 2021 13:07

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 10363

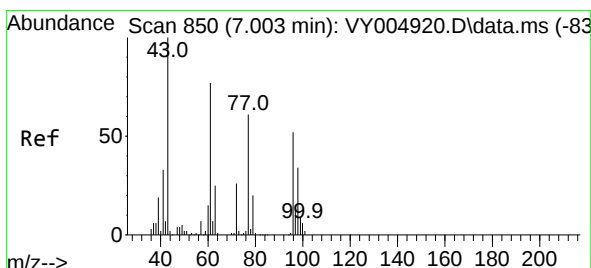
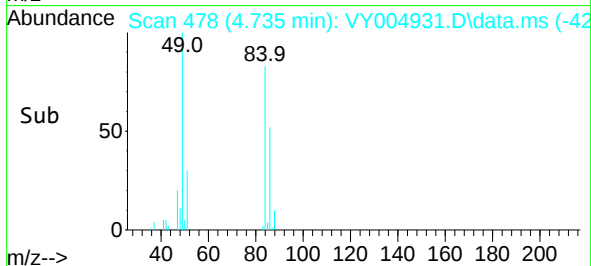
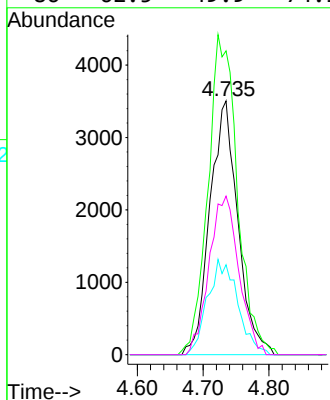
Ion	Ratio	Lower	Upper
84	100		
49	119.8	108.0	162.0
51	35.4	32.6	48.8
86	62.5	49.9	74.9

84 100

49 119.8 108.0 162.0

51 35.4 32.6 48.8

86 62.5 49.9 74.9



#25

2-Butanone

Concen: 1.57 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY004931.D

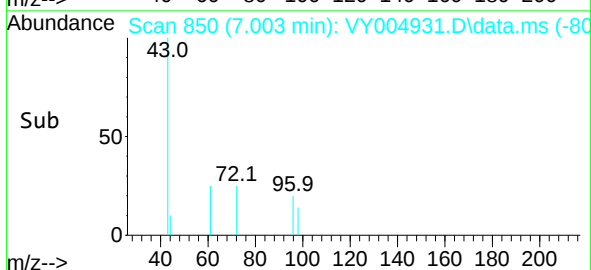
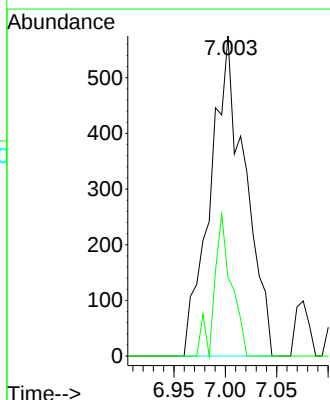
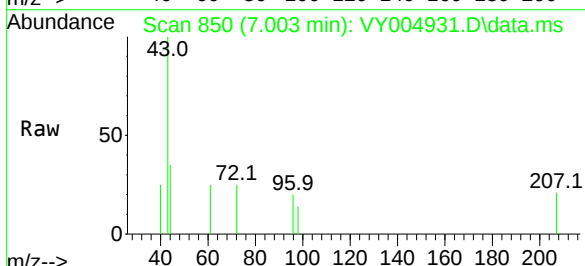
Acq: 03 Jun 2021 13:07

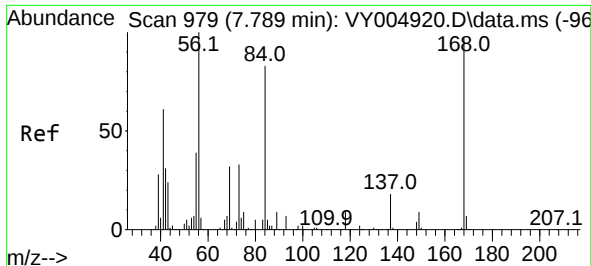
Tgt Ion: 43 Resp: 1356

Ion	Ratio	Lower	Upper
43	100		
72	24.7	20.6	31.0

43 100

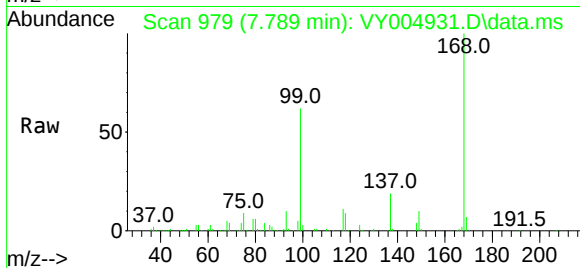
72 24.7 20.6 31.0



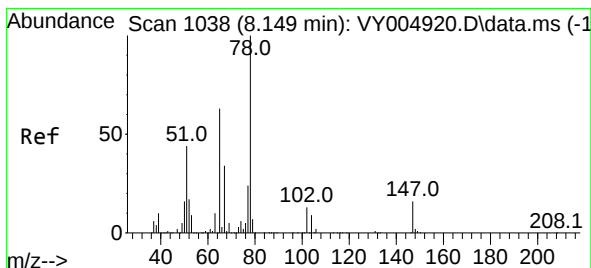
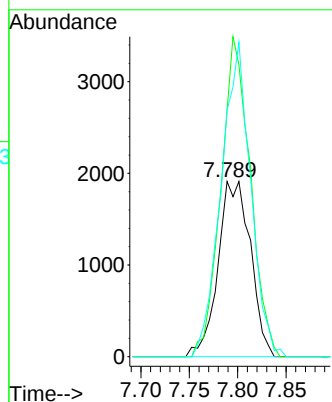
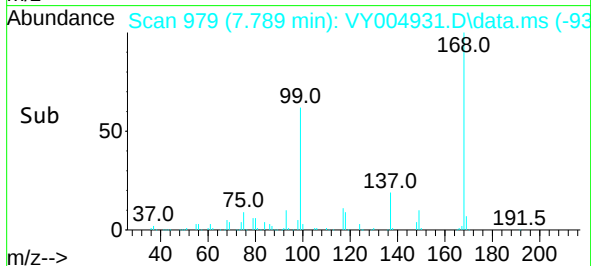


#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07

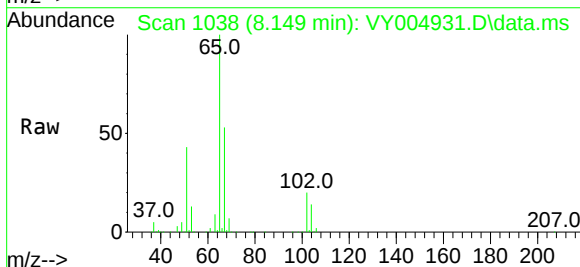
Instrument :
MSVOA_Y
ClientSampled :



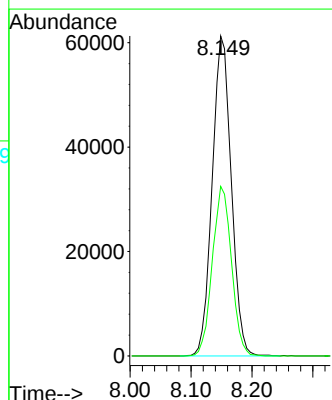
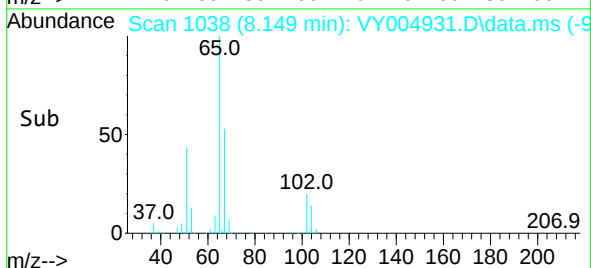
Tgt Ion: 56 Resp: 4459
Ion Ratio Lower Upper
56 100
69 140.6 25.3 37.9#
84 140.7 66.2 99.4#

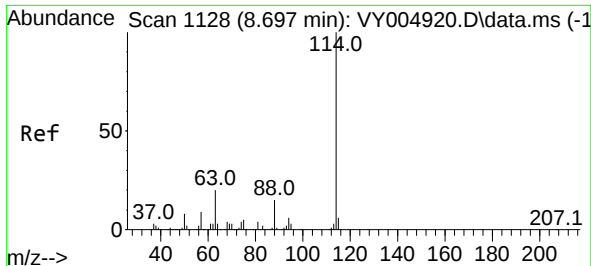


#33
1,2-Dichloroethane-d4
Concen: 62.35 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07



Tgt Ion: 65 Resp: 133070
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.6

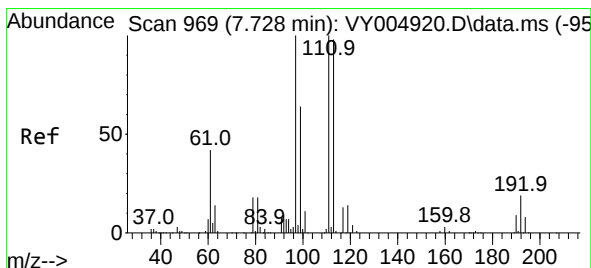
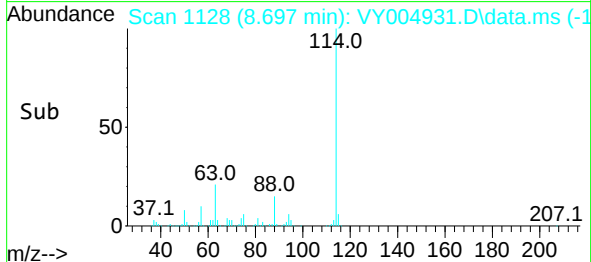
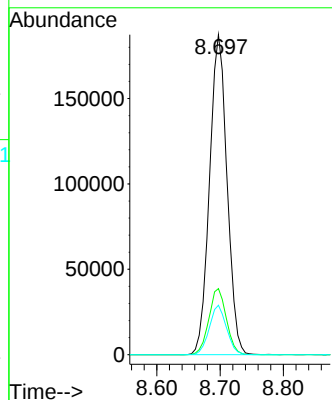
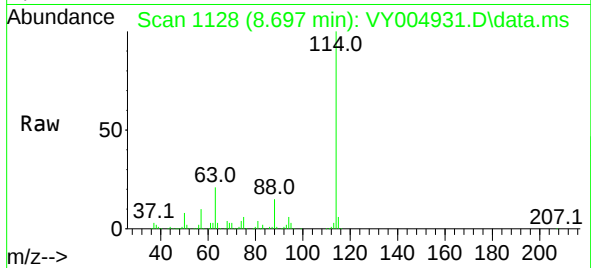




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07

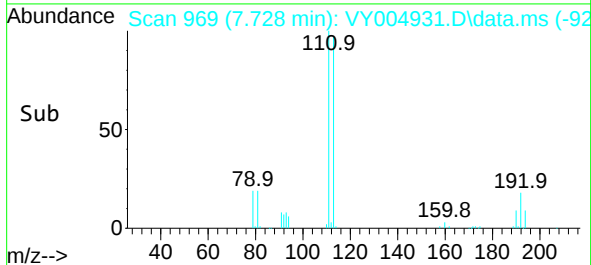
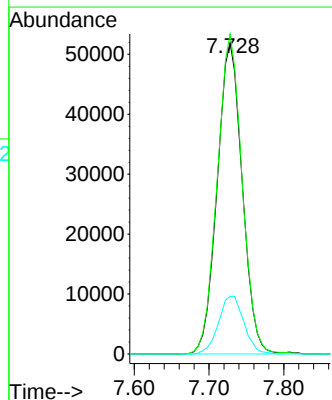
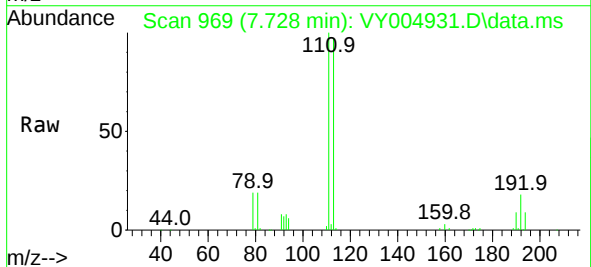
Instrument :
MSVOA_Y
ClientSampleId :

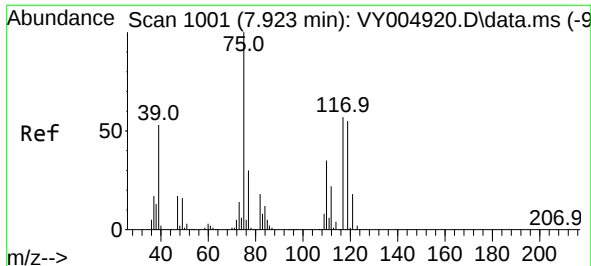
Tgt Ion:	114	Resp:	360007
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	41.0
88	15.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 62.28 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07

Tgt Ion:	113	Resp:	120621
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.8	122.8
192	18.8	15.3	22.9





#36

1,1-Dichloropropene

Concen: 4.67 ug/l

RT: 7.795 min Scan# 980

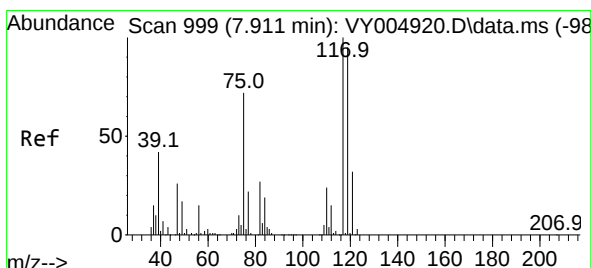
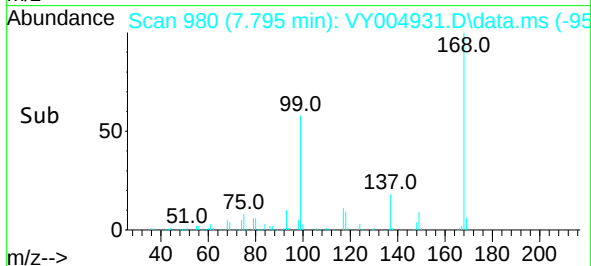
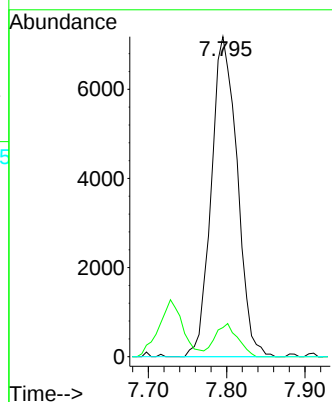
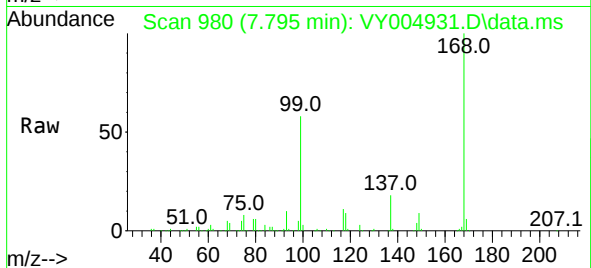
Delta R.T. -0.128 min

Lab File: VY004931.D

Acq: 03 Jun 2021 13:07

Tgt Ion: 75	Resp: 16467
Ion Ratio	Lower Upper
75 100	
110 9.1	17.5 52.5#
77 0.0	25.1 37.7#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.67 ug/l

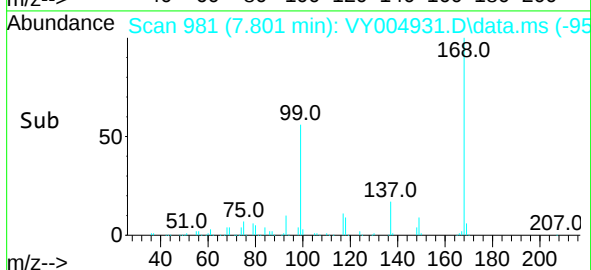
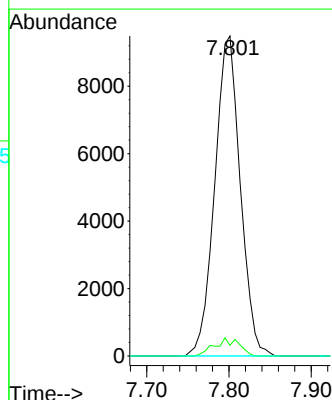
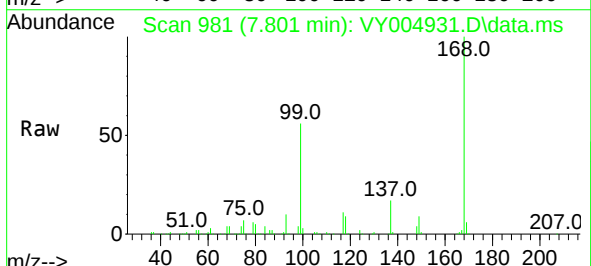
RT: 7.801 min Scan# 981

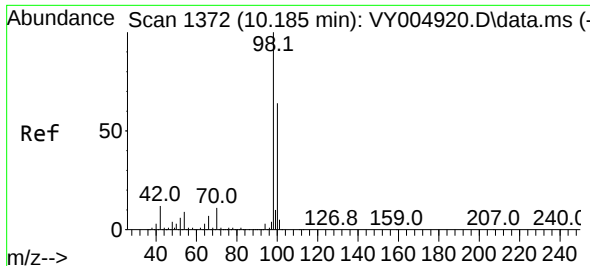
Delta R.T. -0.110 min

Lab File: VY004931.D

Acq: 03 Jun 2021 13:07

Tgt Ion: 117	Resp: 20463
Ion Ratio	Lower Upper
117 100	
119 3.4	76.1 114.1#
121 0.0	25.5 38.3#

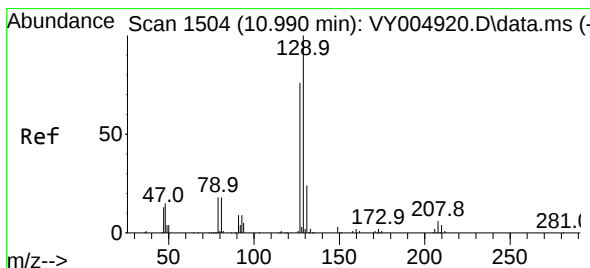
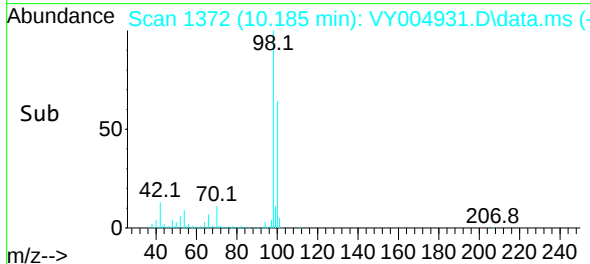
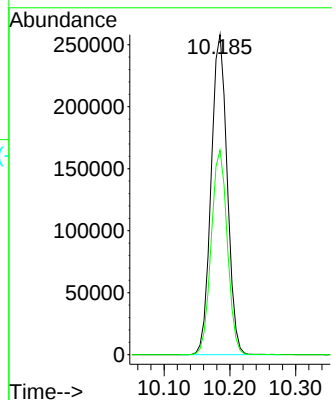
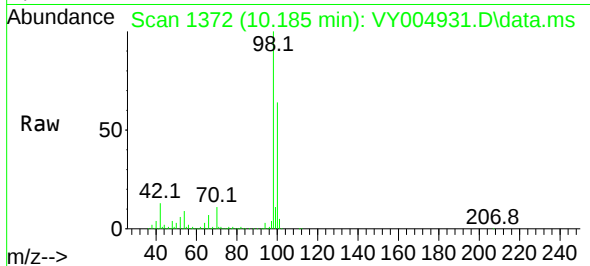




#50
Toluene-d8
Concen: 54.46 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07

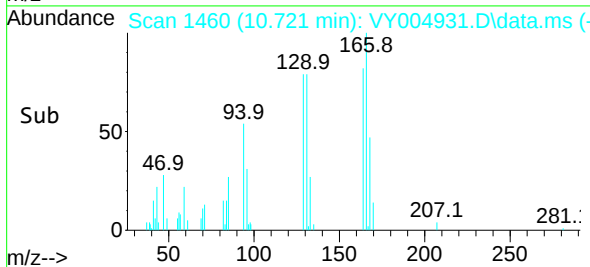
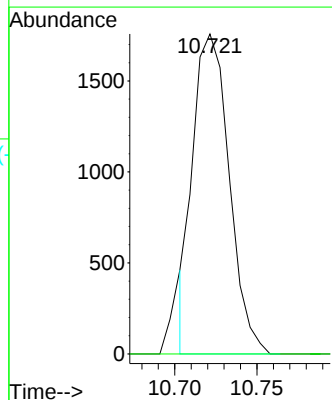
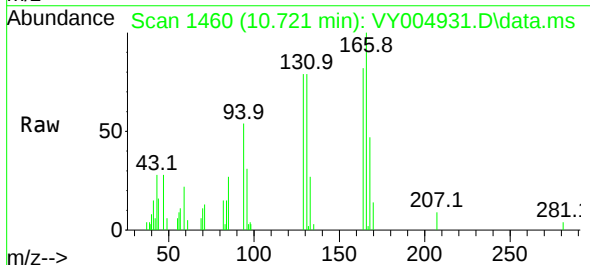
Instrument :
MSVOA_Y
ClientSampled :

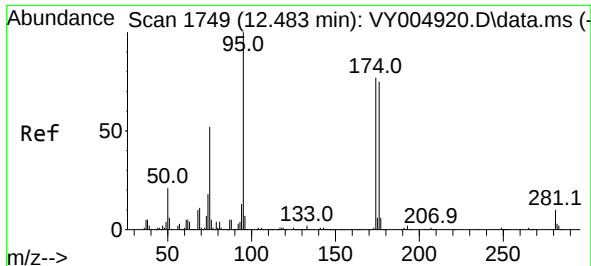
Tgt Ion: 98 Resp: 438068
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#60
Dibromochloromethane
Concen: 1.21 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07

Tgt Ion: 129 Resp: 2688
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.6#

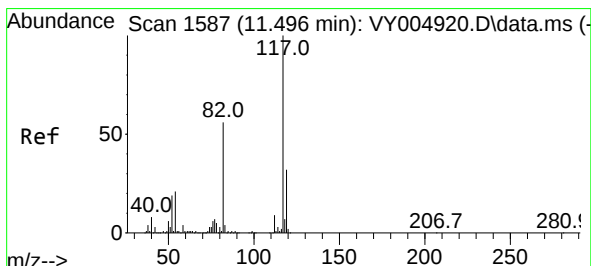
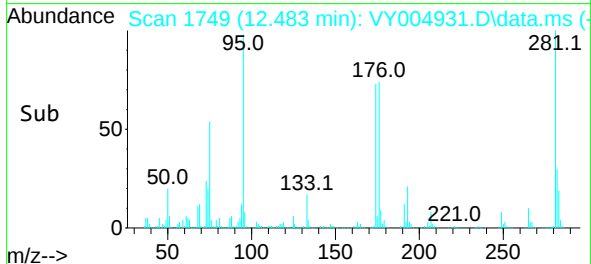
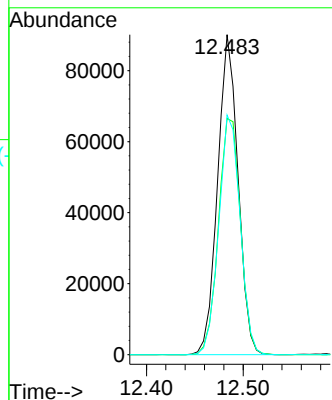
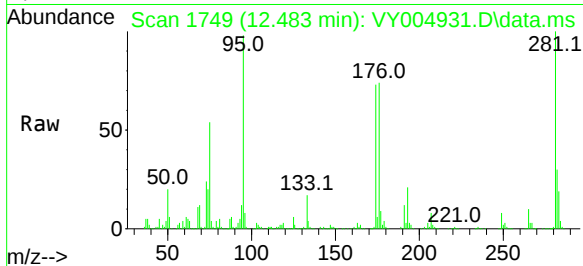




#62
4-Bromofluorobenzene
Concen: 47.69 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07

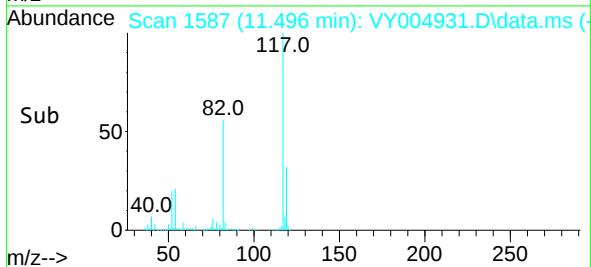
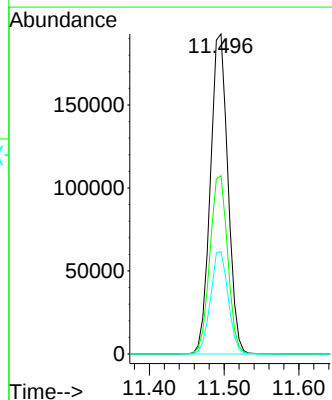
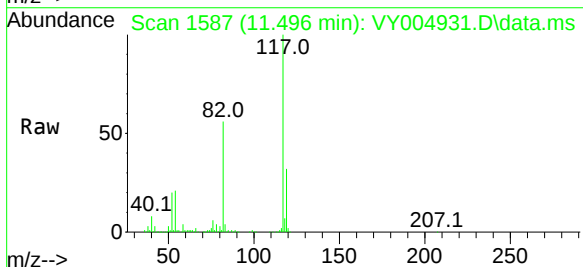
Instrument :
MSVOA_Y
ClientSampleId :

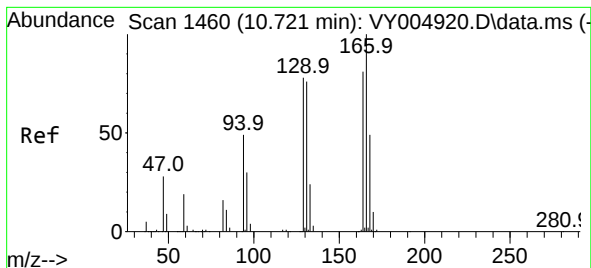
Tgt Ion: 95 Resp: 131946
Ion Ratio Lower Upper
95 100
174 79.4 0.0 160.8
176 78.2 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07

Tgt Ion: 117 Resp: 313908
Ion Ratio Lower Upper
117 100
82 55.7 44.8 67.2
119 32.0 25.2 37.8

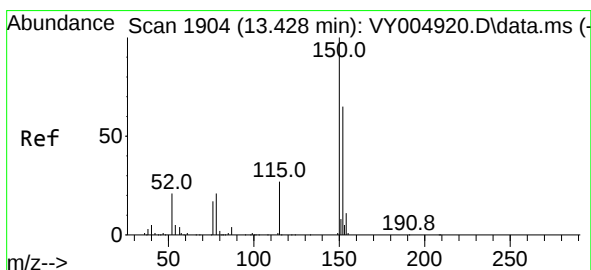
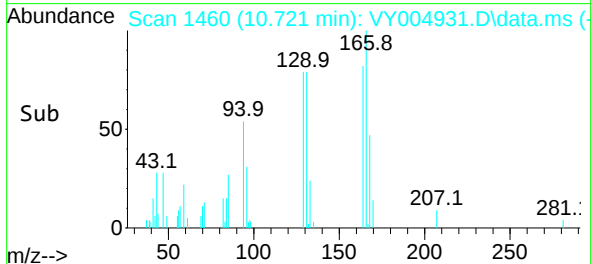
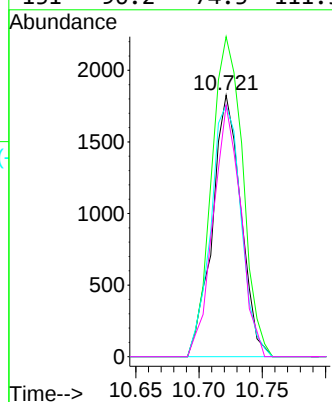
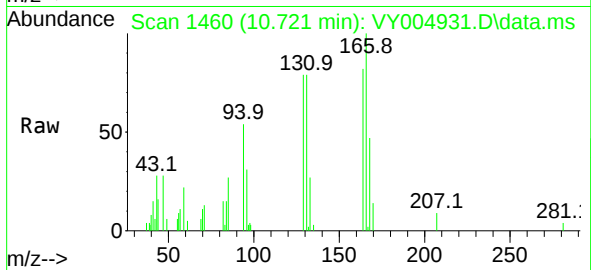




#64
Tetrachloroethene
Concen: 1.09 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07

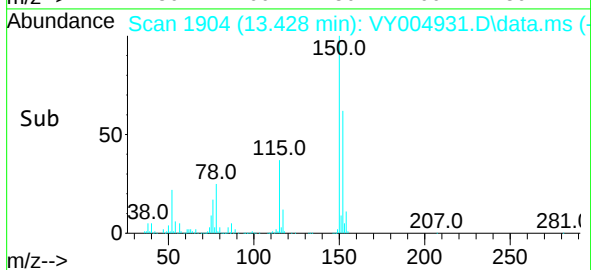
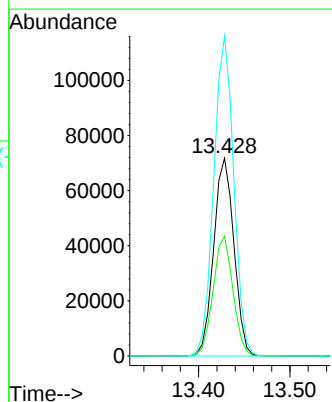
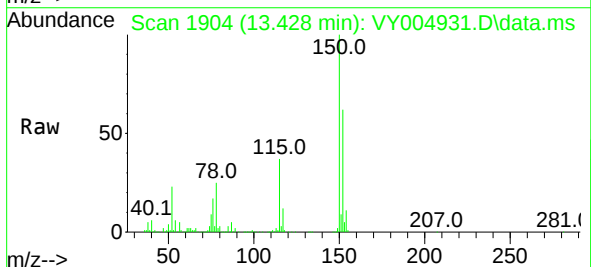
Instrument :
MSVOA_Y
ClientSampleId :

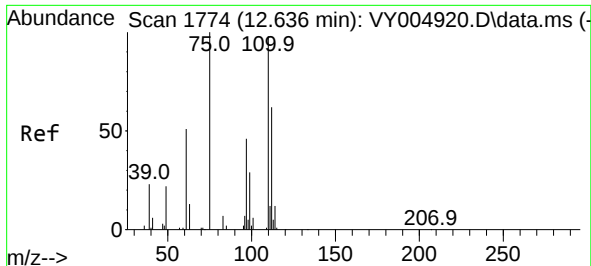
Tgt Ion:	164	Resp:	2872
Ion	Ratio	Lower	Upper
164	100		
166	122.4	98.4	147.6
129	96.3	76.8	115.2
131	96.2	74.3	111.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07

Tgt Ion:	152	Resp:	110806
Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.9	89.7
150	159.6	0.0	347.8

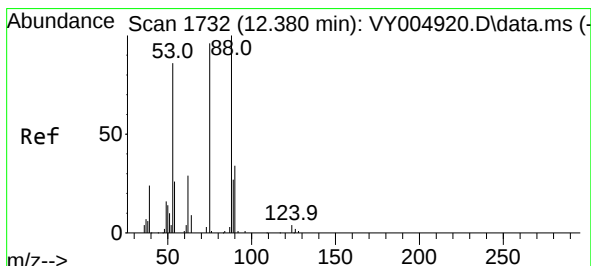
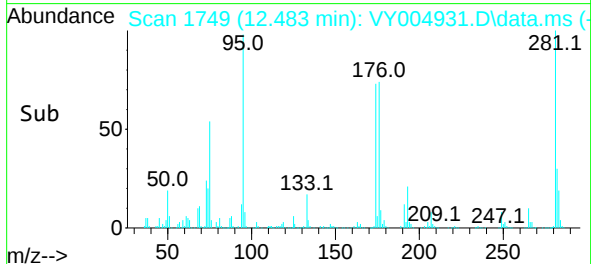
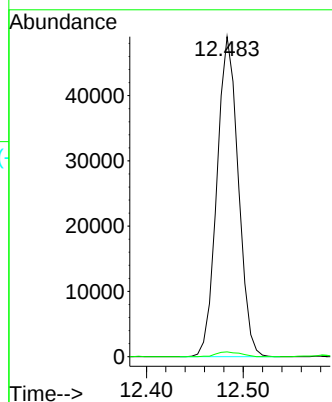
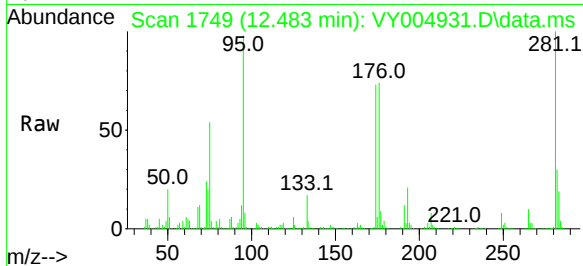




#76
1,2,3-Trichloropropane
Concen: 61.88 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07

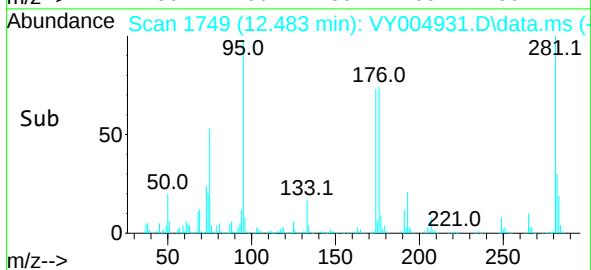
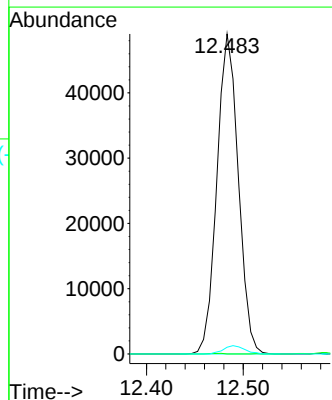
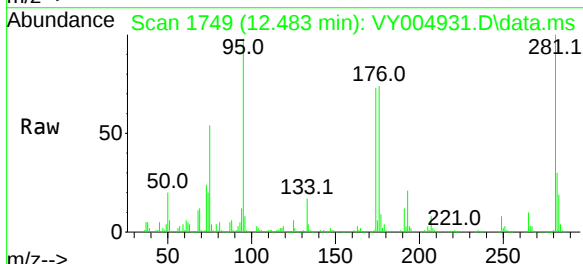
Instrument :
MSVOA_Y
ClientSampleId :

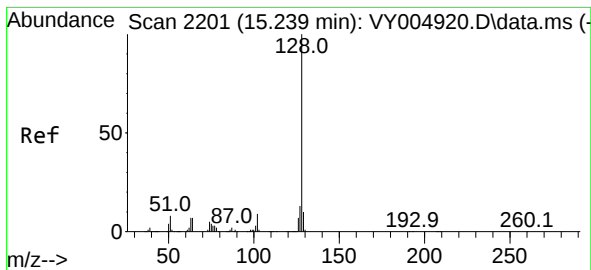
Tgt Ion: 75 Resp: 75160
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07

Tgt Ion: 75 Resp: 75160
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 2.6 35.0 52.6#





#95
Naphthalene
Concen: 2.31 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004931.D
Acq: 03 Jun 2021 13:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 10034
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 10.6 8.7 13.1

