

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
 Data File : VY004637.D
 Acq On : 26 Apr 2021 18:09
 Operator : SY/MD
 Sample : M2176-17
 Misc : 6.46G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 09:35:15 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)

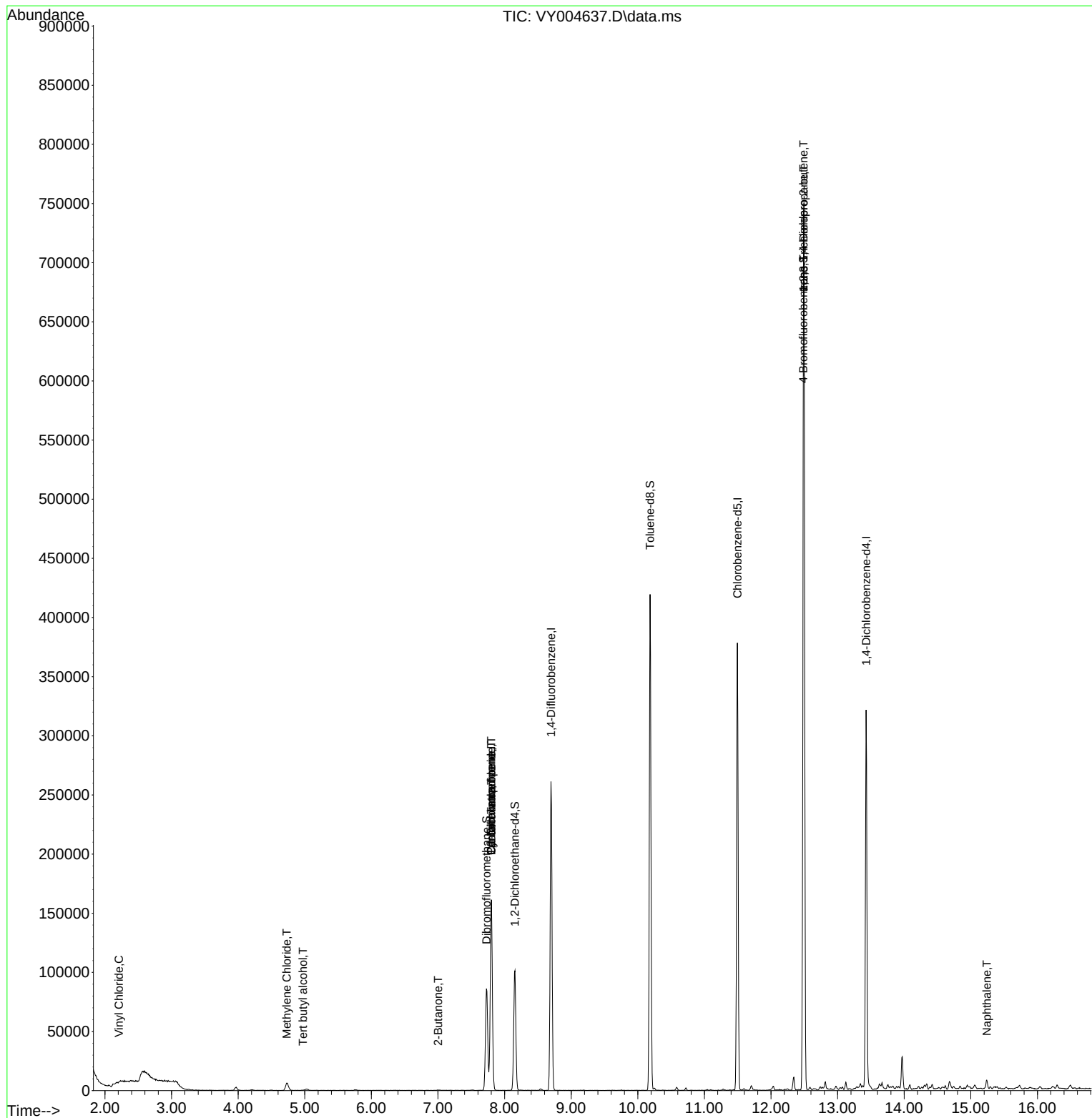
Internal Standards						
1) Pentafluorobenzene	7.801	168	118352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	210258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	79591	60.53	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.06%
35) Dibromofluoromethane	7.728	113	59402	50.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.82%
50) Toluene-d8	10.185	98	257064	51.79	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.58%
62) 4-Bromofluorobenzene	12.483	95	83423	49.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.06%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.211	62	3140	1.88	ug/l #	43
11) Tert butyl alcohol	4.972	59	457	3.53	ug/l #	73
16) Acetone	3.966	43	4664	Below Cal	#	87
20) Methylene Chloride	4.728	84	4481	3.53	ug/l	87
25) 2-Butanone	7.002	43	763	1.52	ug/l #	50
31) Cyclohexane	7.801	56	2934	1.22	ug/l #	34
36) 1,1-Dichloropropene	7.801	75	9887	4.73	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12181	6.74	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	51745	62.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	51745	111.88	ug/l #	14
95) Naphthalene	15.239	128	5599	1.76	ug/l	98

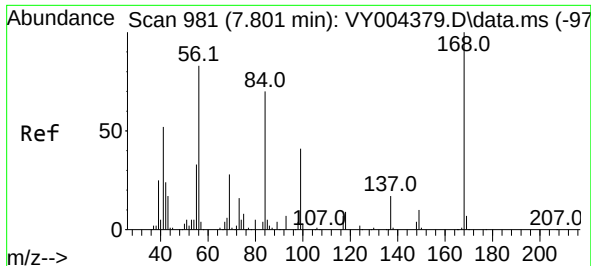
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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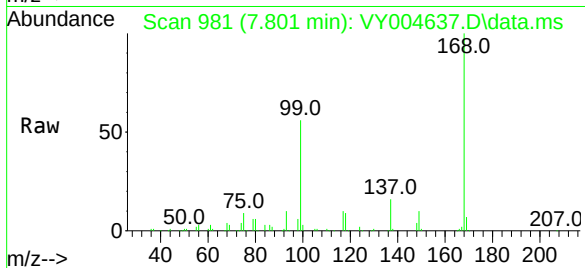
Quant Time: Apr 27 09:35:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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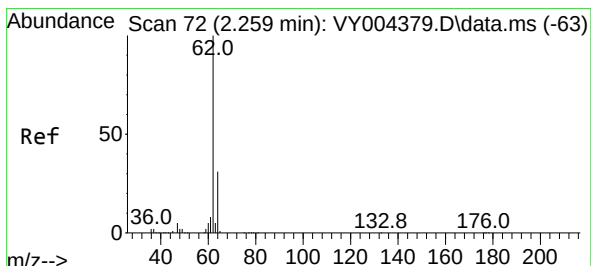
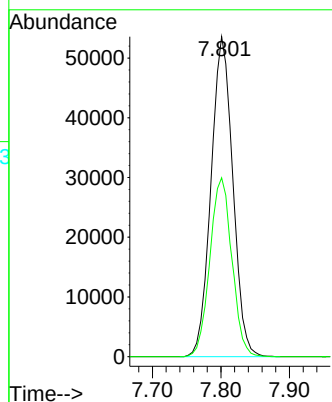
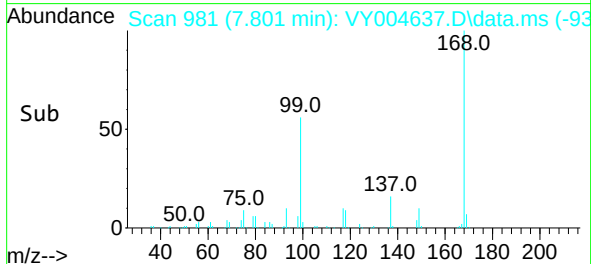


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004637.D
Acq: 26 Apr 2021 18:09

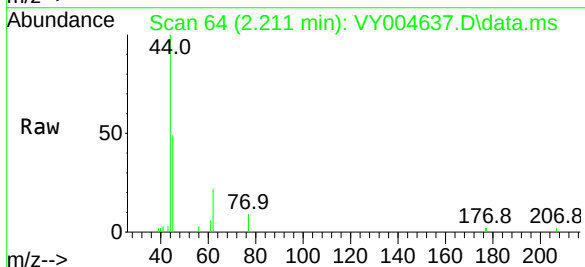
Instrument :
MSVOA_Y
ClientSampleId :



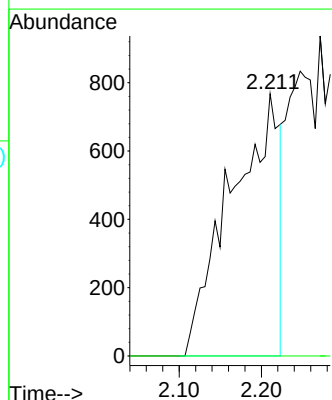
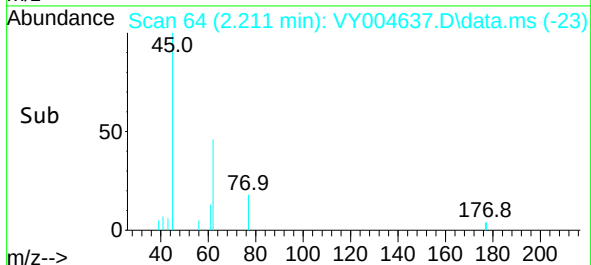
Tgt Ion:168 Resp: 118352
Ion Ratio Lower Upper
168 100
99 55.9 45.5 68.3

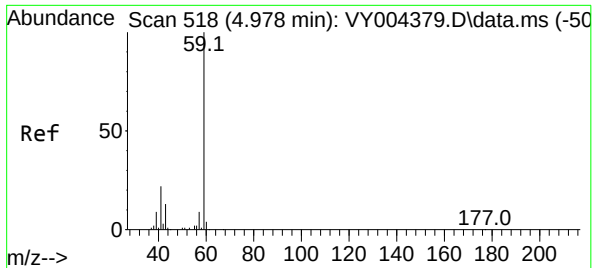


#4
Vinyl Chloride
Concen: 1.88 ug/l
RT: 2.211 min Scan# 64
Delta R.T. -0.049 min
Lab File: VY004637.D
Acq: 26 Apr 2021 18:09



Tgt Ion: 62 Resp: 3140
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

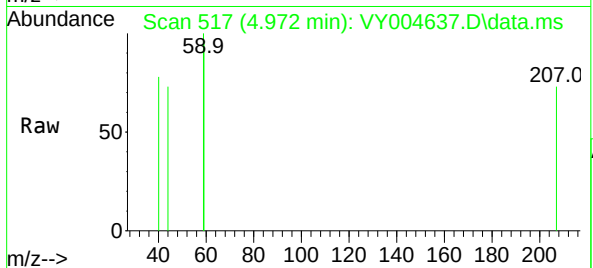




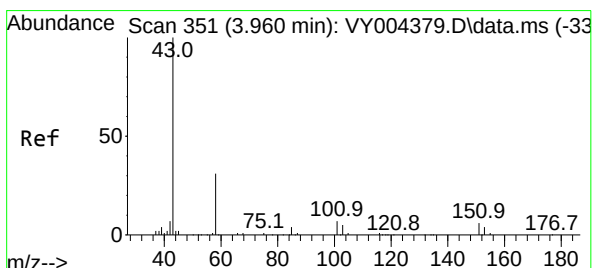
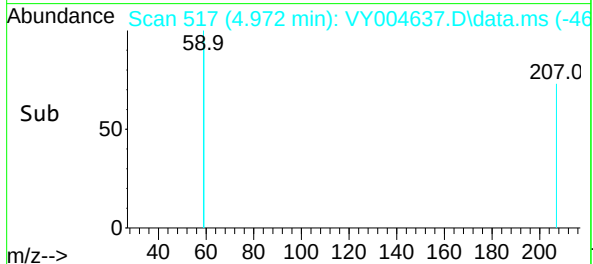
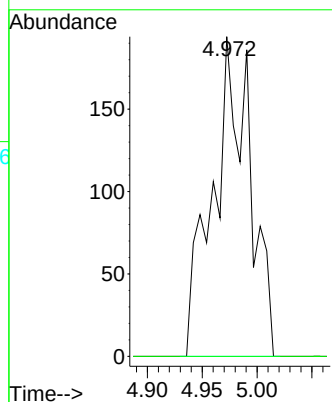
#11

Tert butyl alcohol
Concen: 3.53 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004637.D
Acq: 26 Apr 2021 18:09

Instrument :
MSVOA_Y
ClientSampled :



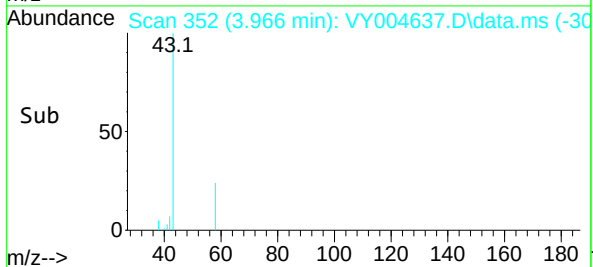
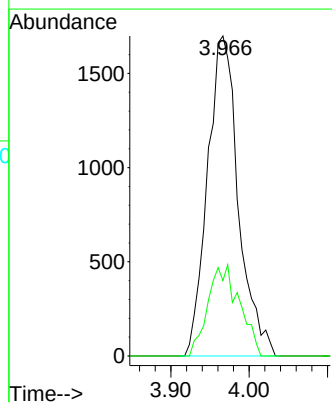
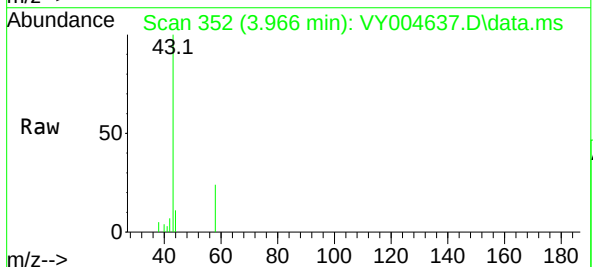
Tgt Ion: 59 Resp: 457
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

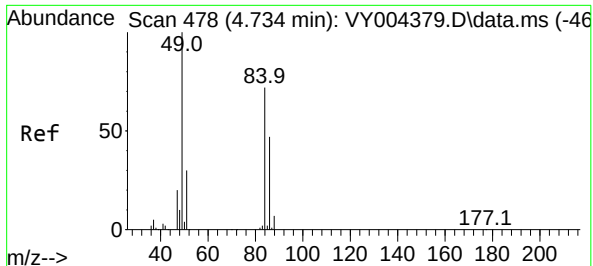


#16

Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004637.D
Acq: 26 Apr 2021 18:09

Tgt Ion: 43 Resp: 4664
Ion Ratio Lower Upper
43 100
58 23.5 24.6 37.0#





#20

Methylene Chloride

Concen: 3.53 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY004637.D

Acq: 26 Apr 2021 18:09

Tgt Ion: 84 Resp: 4481

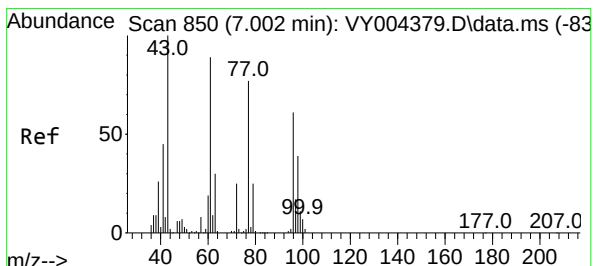
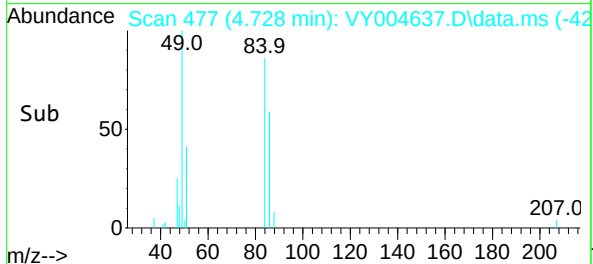
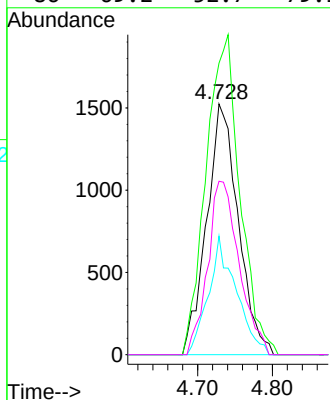
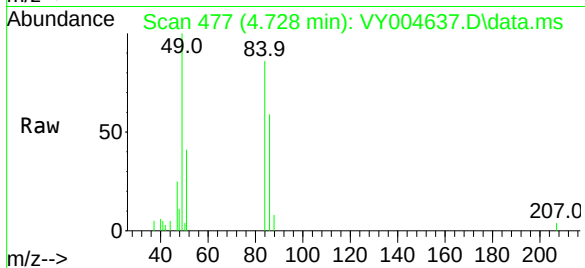
Ion Ratio Lower Upper

84 100

49 116.3 111.2 166.8

51 47.3 33.4 50.2

86 69.2 52.7 79.1



#25

2-Butanone

Concen: 1.52 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY004637.D

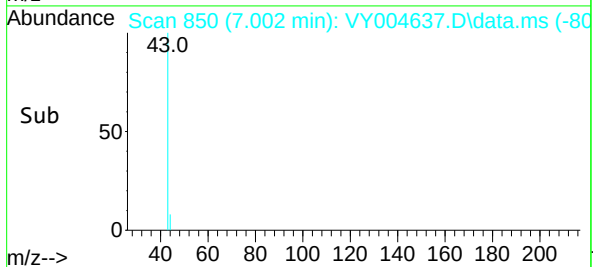
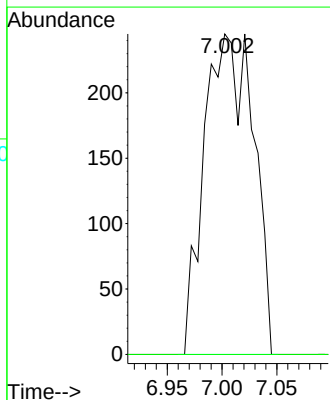
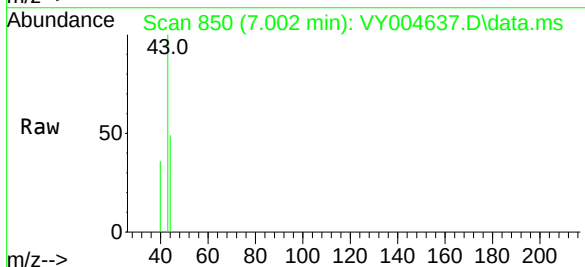
Acq: 26 Apr 2021 18:09

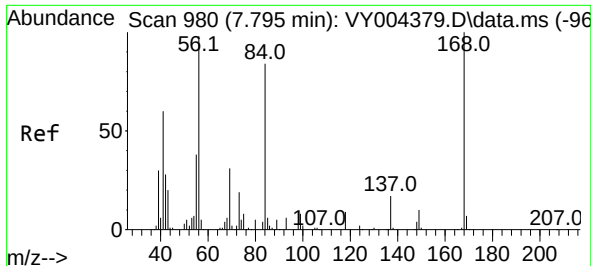
Tgt Ion: 43 Resp: 763

Ion Ratio Lower Upper

43 100

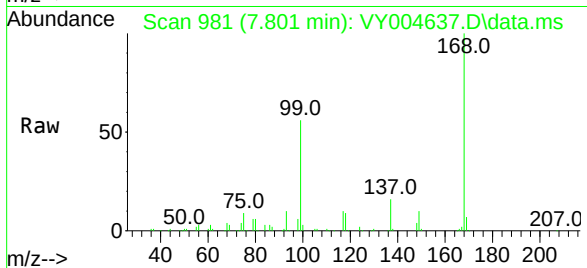
72 0.0 20.2 30.2#



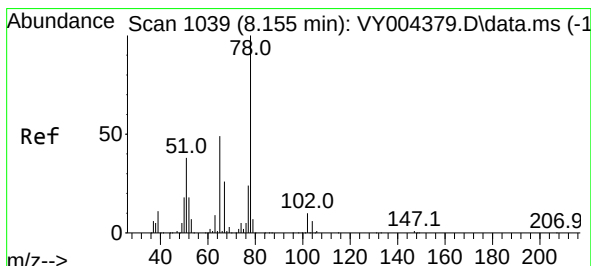
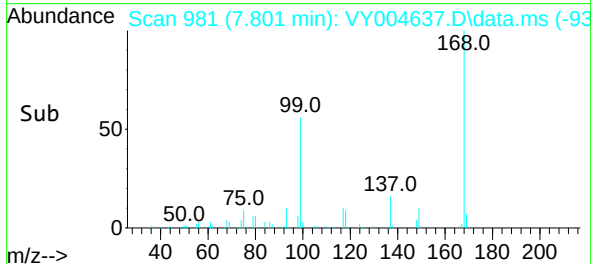
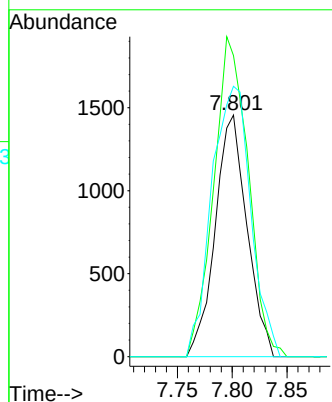


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004637.D
Acq: 26 Apr 2021 18:09

Instrument :
MSVOA_Y
ClientSampleId :

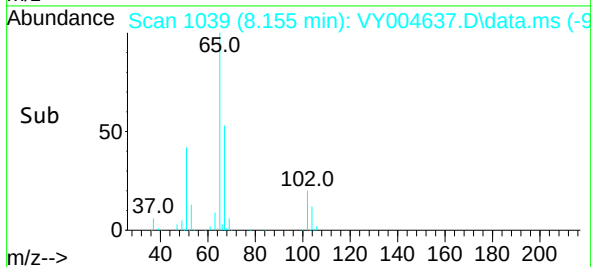
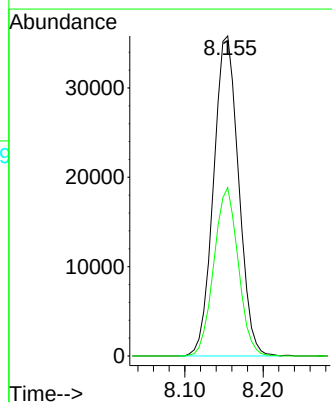
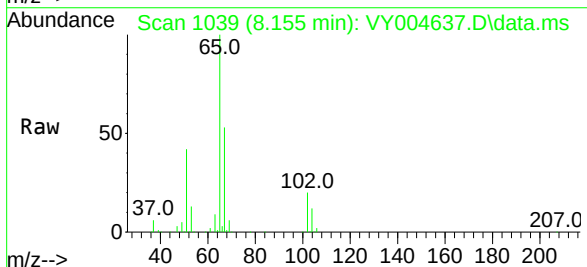


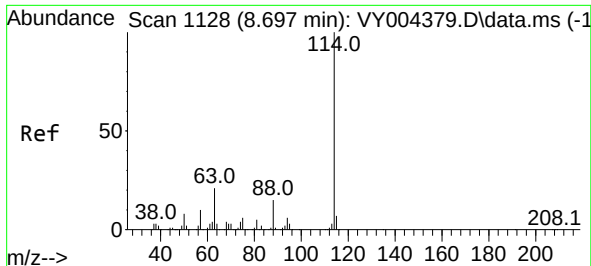
Tgt Ion: 56 Resp: 2934
Ion Ratio Lower Upper
56 100
69 124.6 25.8 38.6#
84 111.9 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 60.53 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004637.D
Acq: 26 Apr 2021 18:09

Tgt Ion: 65 Resp: 79591
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.4

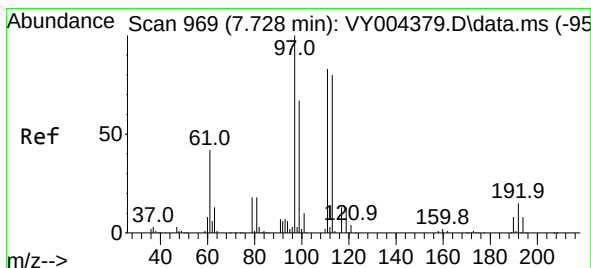
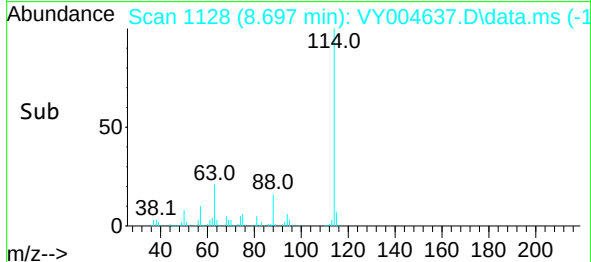
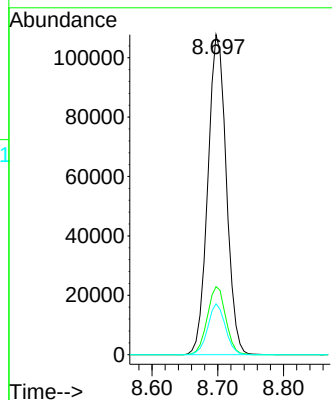
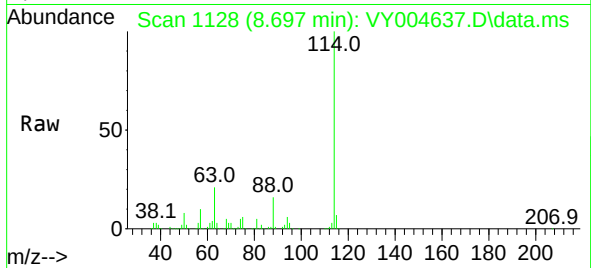




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004637.D
Acq: 26 Apr 2021 18:09

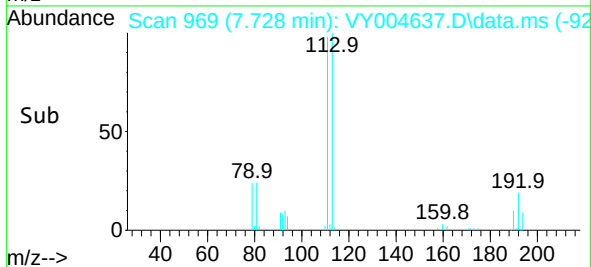
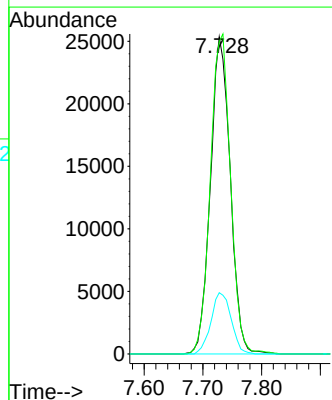
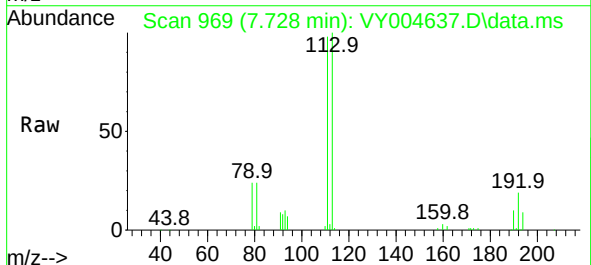
Instrument :
MSVOA_Y
ClientSampleId :

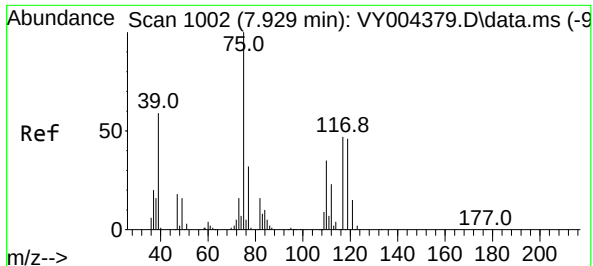
Tgt Ion:114 Resp: 210258
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 15.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 50.91 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004637.D
Acq: 26 Apr 2021 18:09

Tgt Ion:113 Resp: 59402
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 19.7 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.73 ug/l

RT: 7.801 min Scan# 981

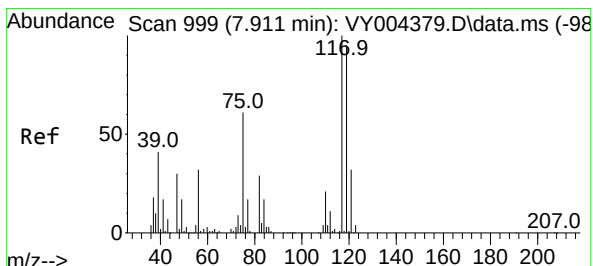
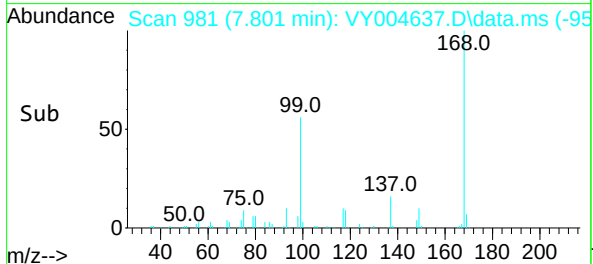
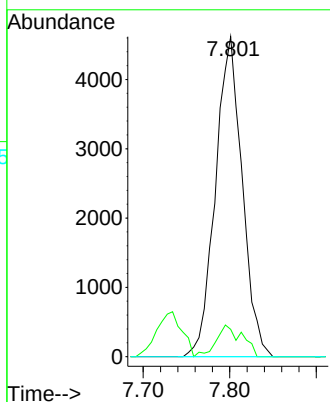
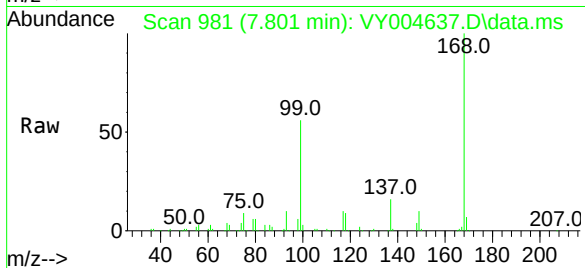
Delta R.T. -0.128 min

Lab File: VY004637.D

Acq: 26 Apr 2021 18:09

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75	Resp: 9887
Ion Ratio	Lower Upper
75 100	
110 9.1	17.3 51.7#
77 0.0	24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.74 ug/l

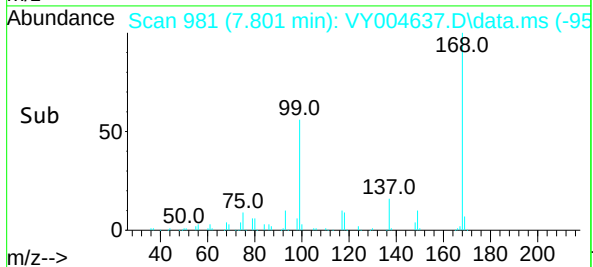
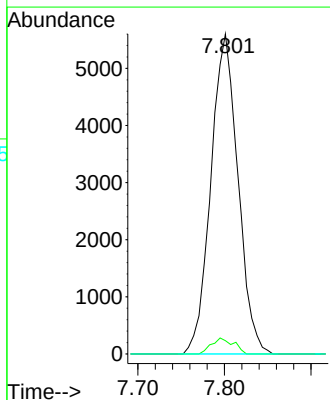
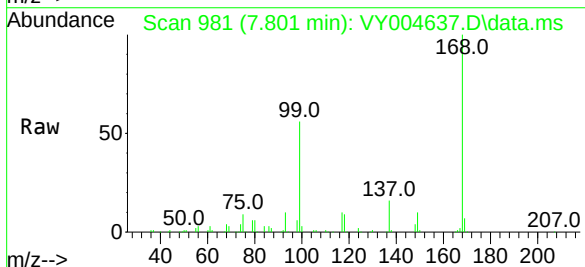
RT: 7.801 min Scan# 981

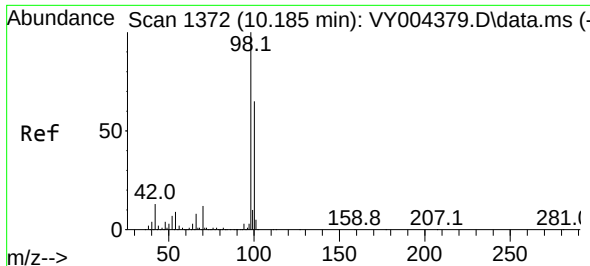
Delta R.T. -0.110 min

Lab File: VY004637.D

Acq: 26 Apr 2021 18:09

Tgt Ion: 117	Resp: 12181
Ion Ratio	Lower Upper
117 100	
119 4.1	75.8 113.8#
121 0.0	25.3 37.9#

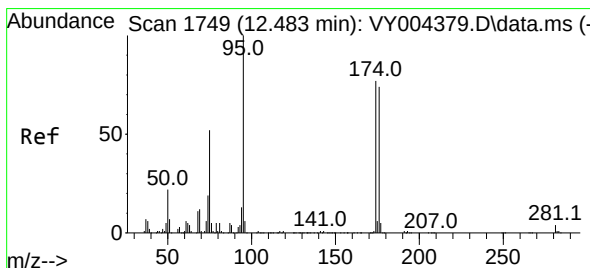
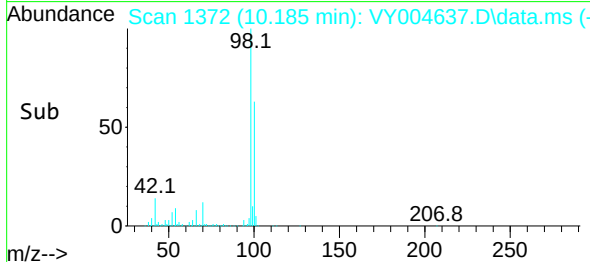
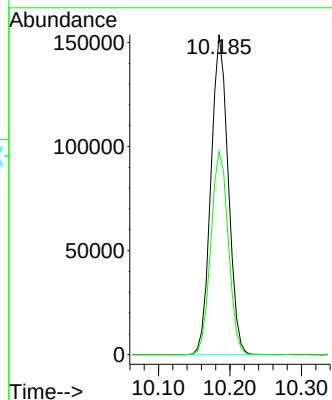
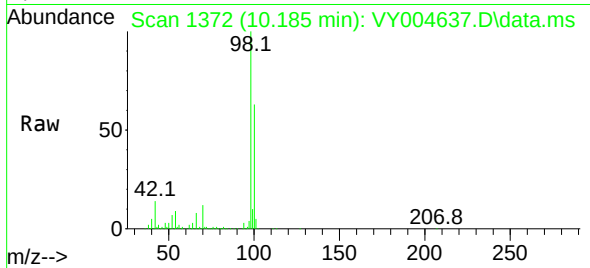




#50
Toluene-d8
Concen: 51.79 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004637.D
Acq: 26 Apr 2021 18:09

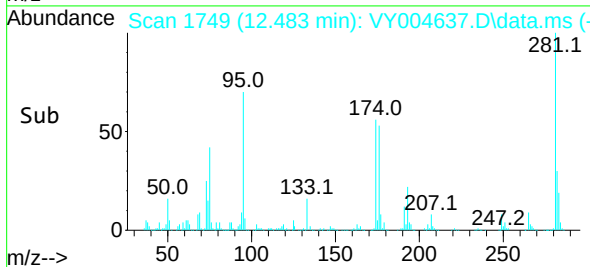
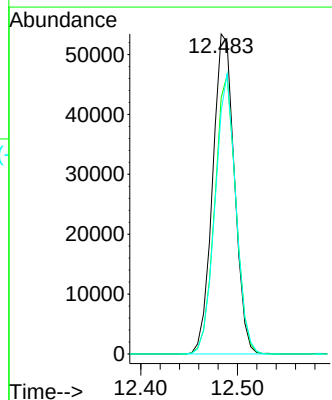
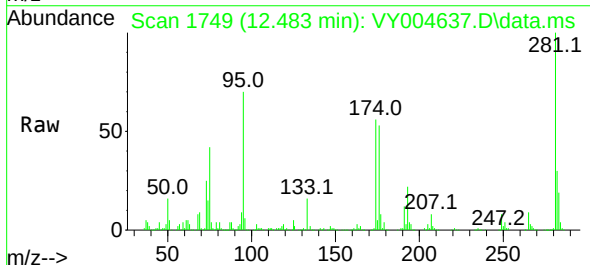
Instrument :
MSVOA_Y
ClientSampled :

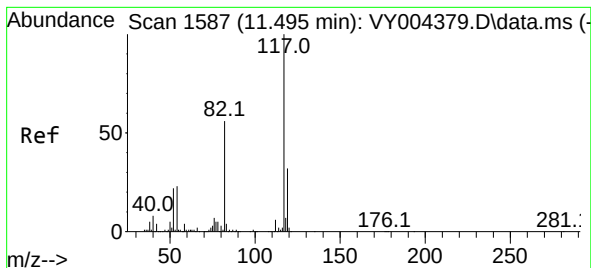
Tgt Ion: 98 Resp: 257064
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.53 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004637.D
Acq: 26 Apr 2021 18:09

Tgt Ion: 95 Resp: 83423
Ion Ratio Lower Upper
95 100
174 84.3 0.0 162.4
176 83.1 0.0 156.0

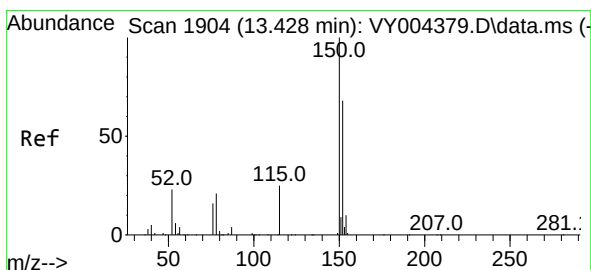
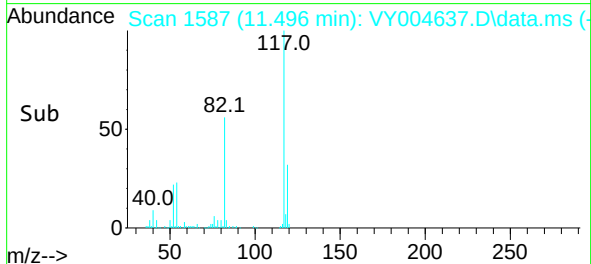
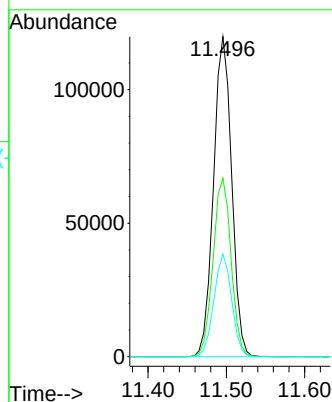
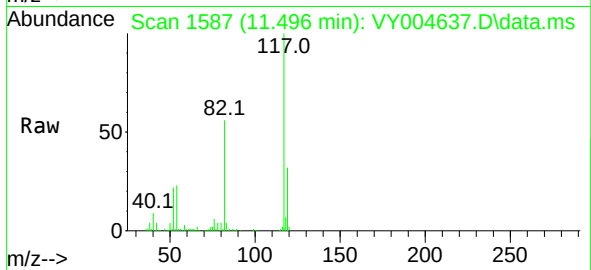




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004637.D
Acq: 26 Apr 2021 18:09

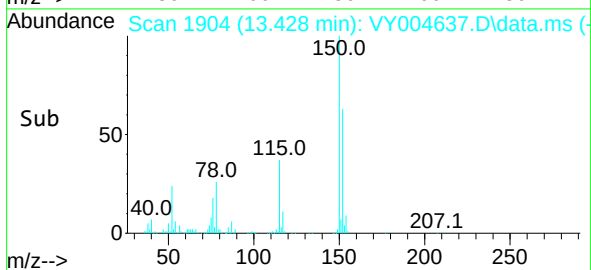
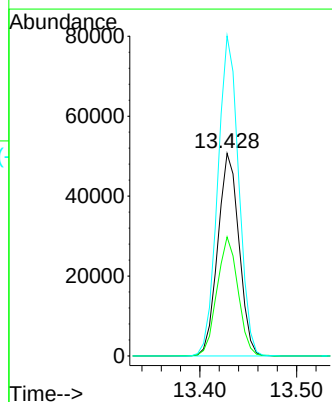
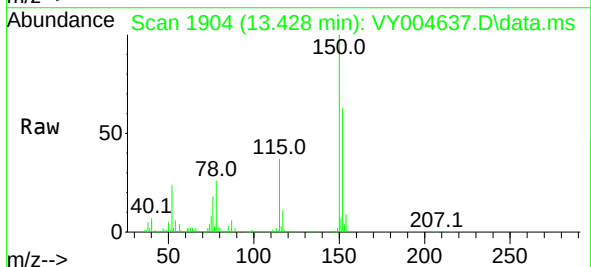
Instrument :
MSVOA_Y
ClientSampleId :

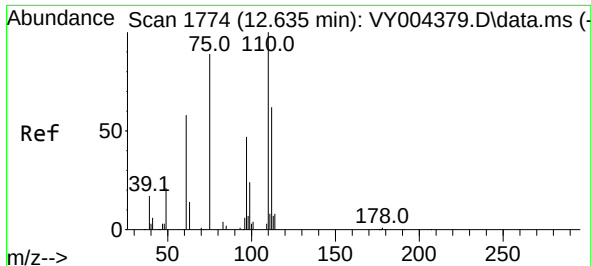
Tgt Ion:117 Resp: 192808
Ion Ratio Lower Upper
117 100
82 55.7 44.9 67.3
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004637.D
Acq: 26 Apr 2021 18:09

Tgt Ion:152 Resp: 77088
Ion Ratio Lower Upper
152 100
115 58.3 29.6 88.8
150 156.4 0.0 348.4

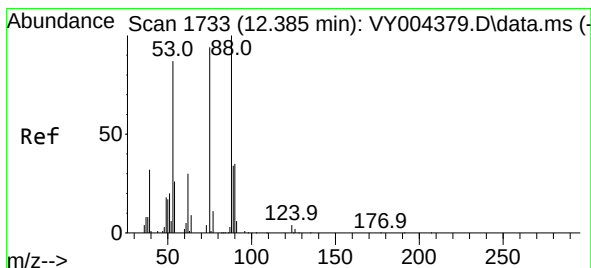
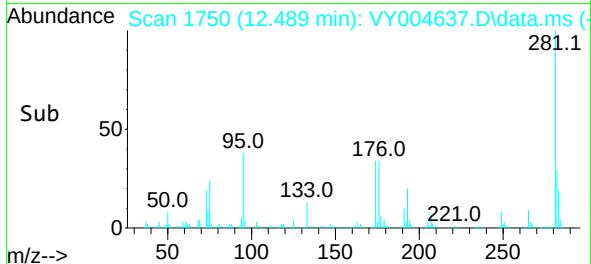
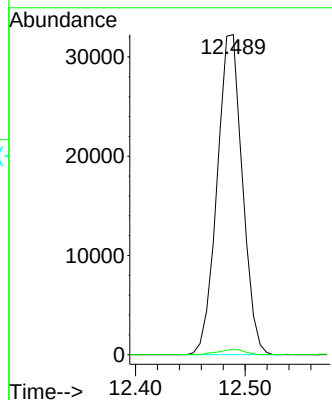
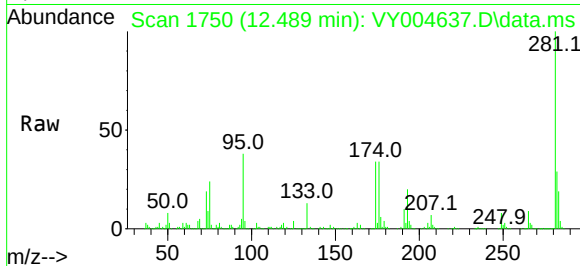




#76
1,2,3-Trichloropropane
Concen: 62.54 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004637.D
Acq: 26 Apr 2021 18:09

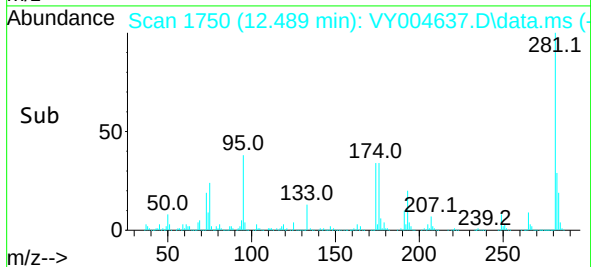
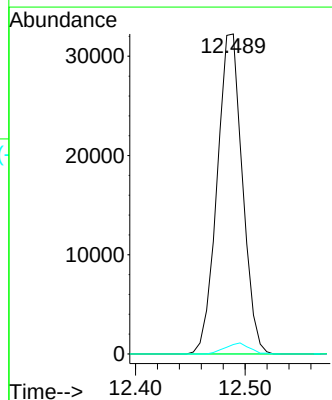
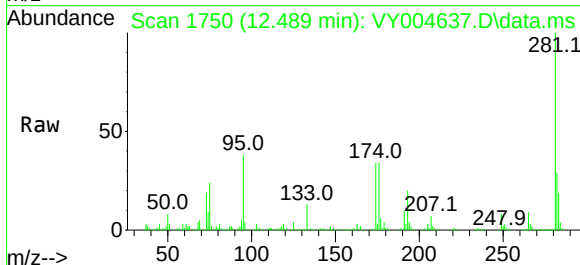
Instrument :
MSVOA_Y
ClientSampleId :

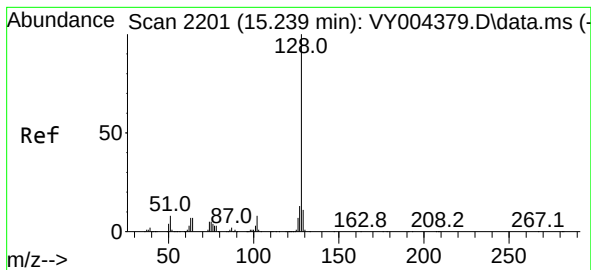
Tgt Ion: 75 Resp: 51745
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.88 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY004637.D
Acq: 26 Apr 2021 18:09

Tgt Ion: 75 Resp: 51745
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 3.3 36.1 54.1#





#95
Naphthalene
Concen: 1.76 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004637.D
Acq: 26 Apr 2021 18:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 5599
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 12.7 8.8 13.2

