

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004718.D
 Acq On : 04 May 2021 16:18
 Operator : SY/MD
 Sample : M2278-01
 Misc : 6.42G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 01:35:34 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)

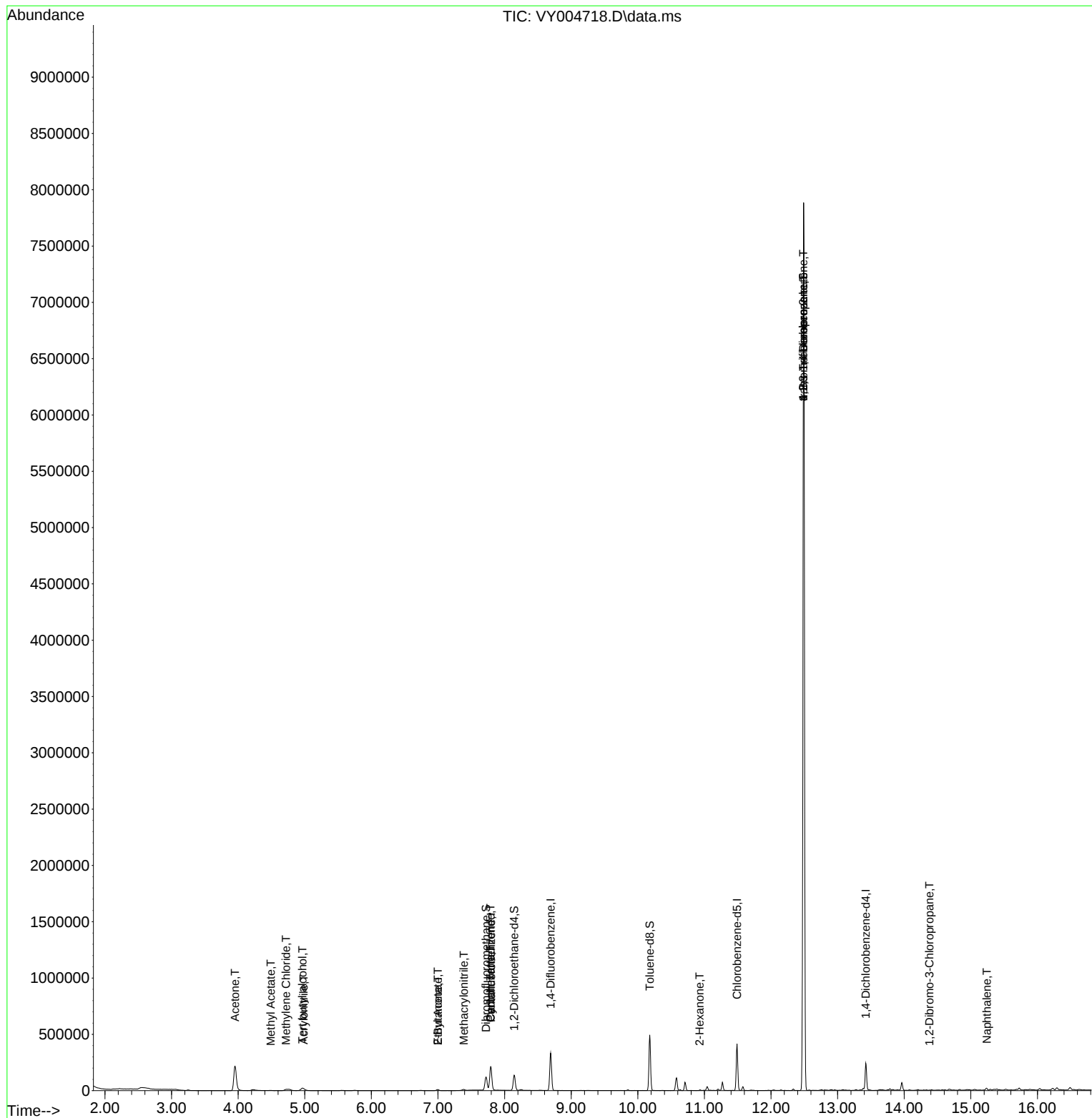
Internal Standards						
1) Pentafluorobenzene	7.795	168	158410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	267587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	105908	60.17	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.34%			
35) Dibromofluoromethane	7.722	113	81767	55.06	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.12%			
50) Toluene-d8	10.179	98	303603	48.06	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.12%			
62) 4-Bromofluorobenzene	12.483	95	99731	46.53	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.06%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	45583	262.79	ug/l	100
15) Acrylonitrile	4.985	53	544	1.07	ug/l #	24
16) Acetone	3.954	43	394573	1123.44	ug/l	98
18) Methyl Acetate	4.491	43	3152	2.57	ug/l #	87
20) Methylene Chloride	4.716	84	6836	4.02	ug/l #	85
25) 2-Butanone	6.996	43	16119	24.04	ug/l	97
31) Cyclohexane	7.789	56	3849	1.19	ug/l #	1
37) Ethyl Acetate	6.996	43	16119	9.41	ug/l #	70
38) Carbon Tetrachloride	7.789	117	16277	7.08	ug/l #	16
41) Methacrylonitrile	7.387	41	3168	3.05	ug/l #	100
59) 2-Hexanone	10.929	43	1344	1.20	ug/l #	40
76) 1,2,3-Trichloropropane	12.483	75	118123	191.39	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	118123	342.39	ug/l #	22
92) 1,2-Dibromo-3-Chloropr...	14.379	75	294	1.95	ug/l #	2
95) Naphthalene	15.239	128	12651	5.33	ug/l	96

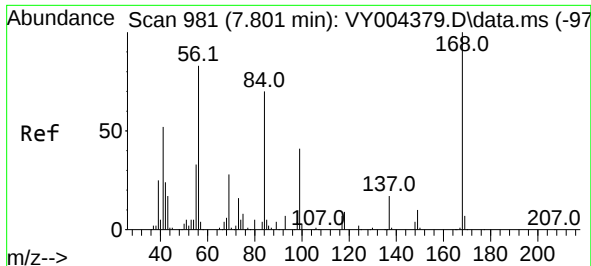
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
Data File : VY004718.D
Acq On : 04 May 2021 16:18
Operator : SY/MD
Sample : M2278-01
Misc : 6.42G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 05 01:35:34 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

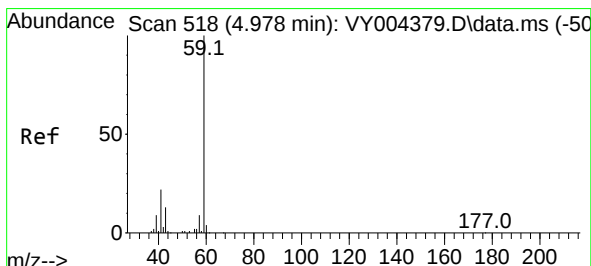
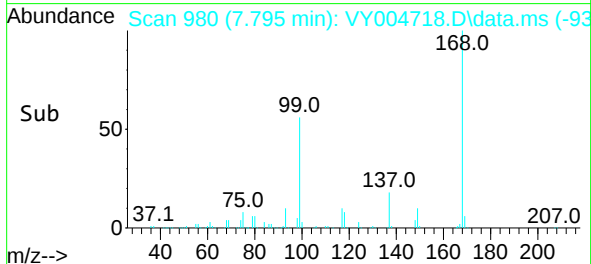
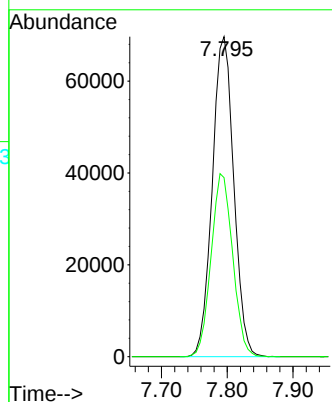
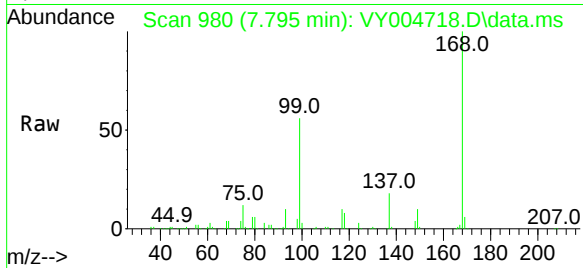




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

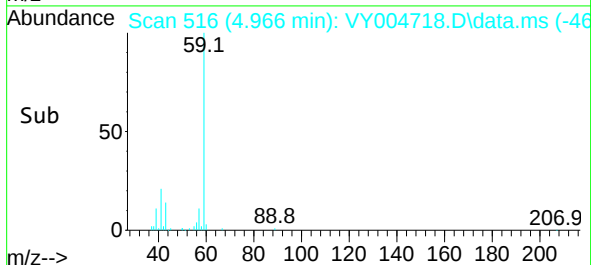
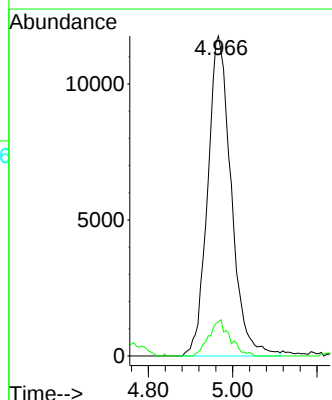
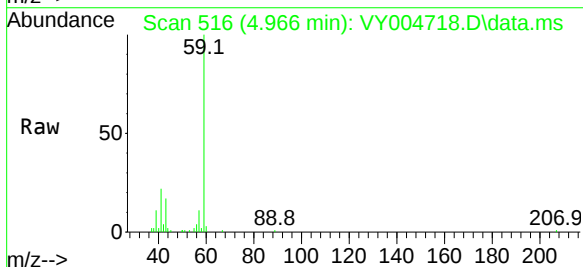
Instrument :
MSVOA_Y
ClientSampleId :

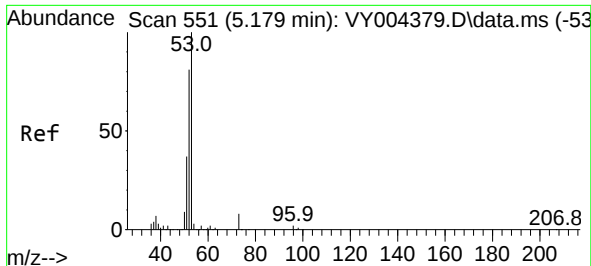
Tgt Ion:168 Resp: 158410
Ion Ratio Lower Upper
168 100
99 55.9 45.5 68.3



#11
Tert butyl alcohol
Concen: 262.79 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

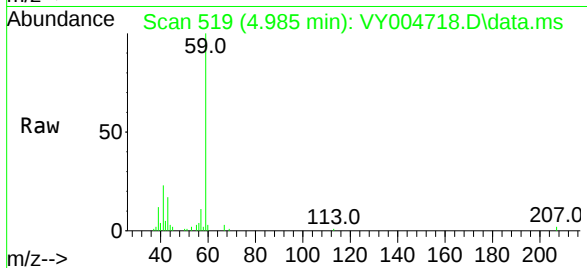
Tgt Ion: 59 Resp: 45583
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



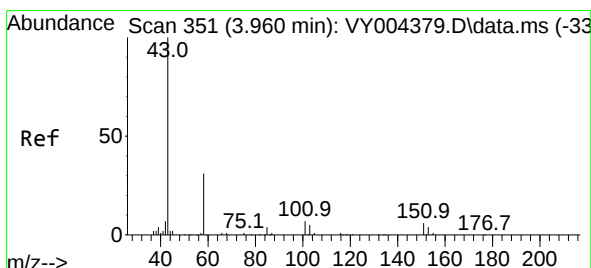
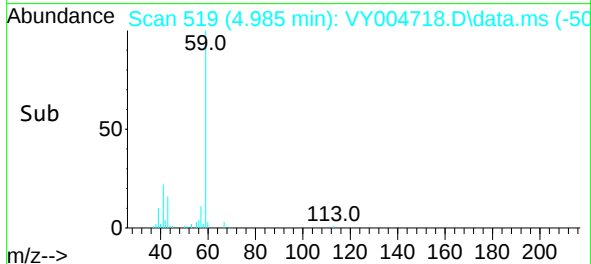
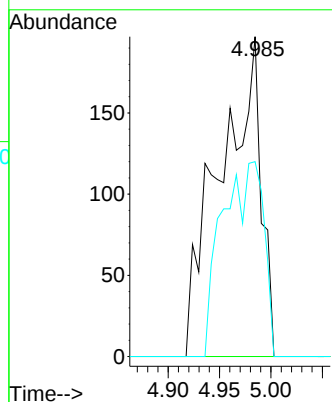


#15
Acrylonitrile
Concen: 1.07 ug/l
RT: 4.985 min Scan# 519
Delta R.T. -0.195 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

Instrument :
MSVOA_Y
ClientSampled :

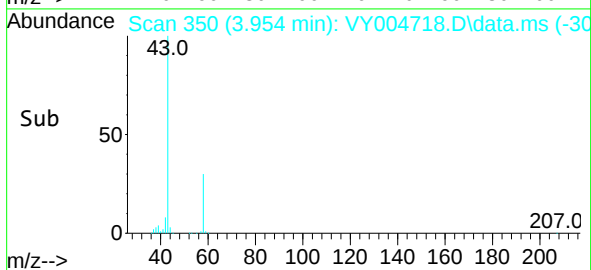
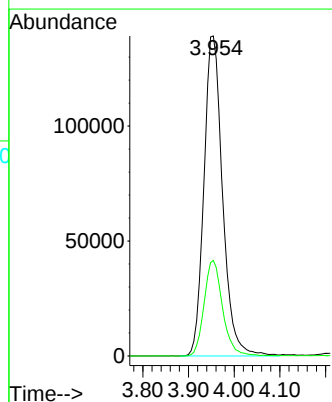
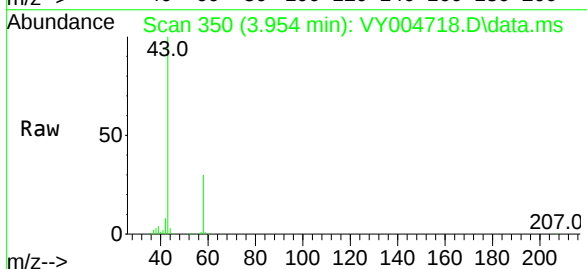


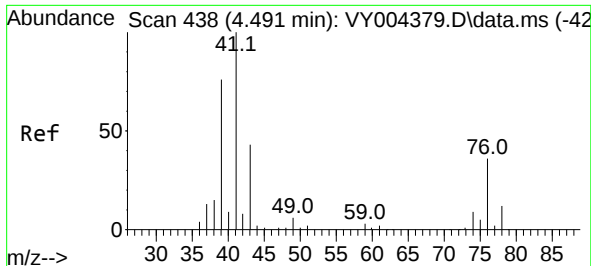
Tgt Ion: 53 Resp: 544
Ion Ratio Lower Upper
53 100
52 0.0 64.9 97.3#
51 61.8 29.3 43.9#



#16
Acetone
Concen: 1123.44 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

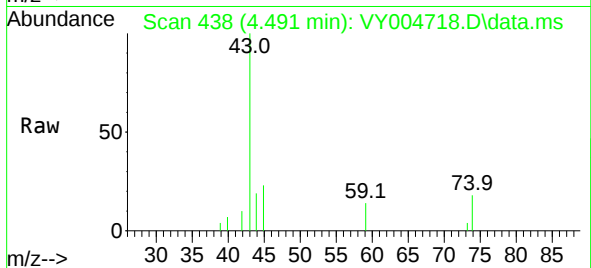
Tgt Ion: 43 Resp: 394573
Ion Ratio Lower Upper
43 100
58 29.9 24.6 37.0



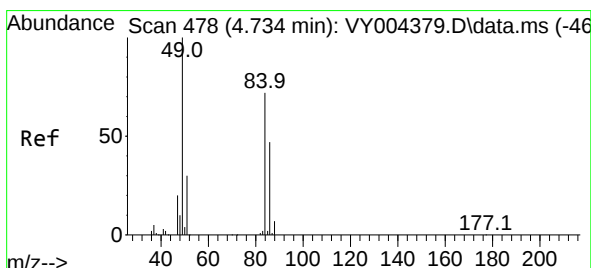
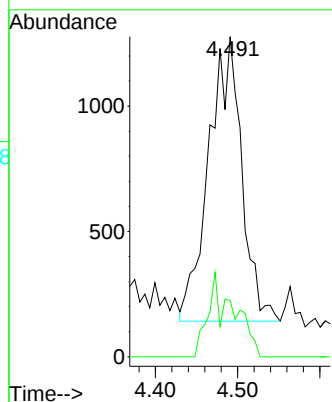
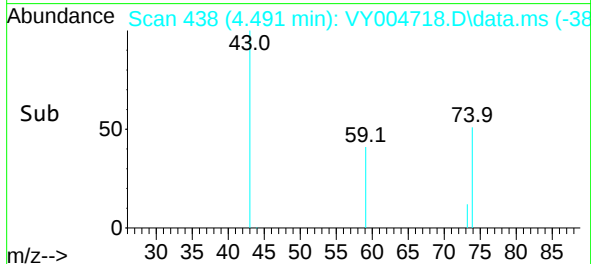


#18
Methyl Acetate
Concen: 2.57 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

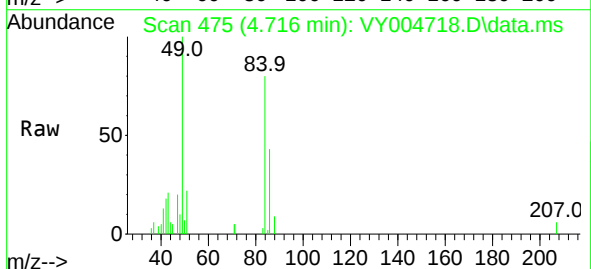
Instrument :
MSVOA_Y
ClientSampleId :



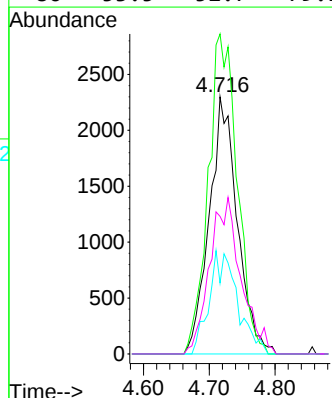
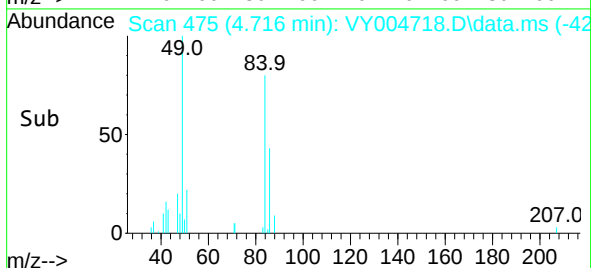
Tgt Ion: 43 Resp: 3152
Ion Ratio Lower Upper
43 100
74 15.4 17.2 25.8#

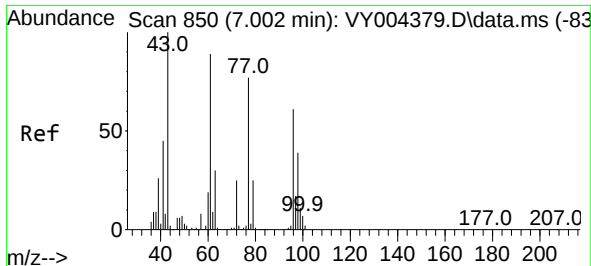


#20
Methylene Chloride
Concen: 4.02 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18



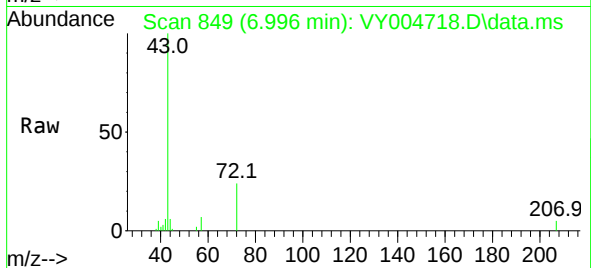
Tgt Ion: 84 Resp: 6836
Ion Ratio Lower Upper
84 100
49 124.5 111.2 166.8
51 27.6 33.4 50.2#
86 53.5 52.7 79.1



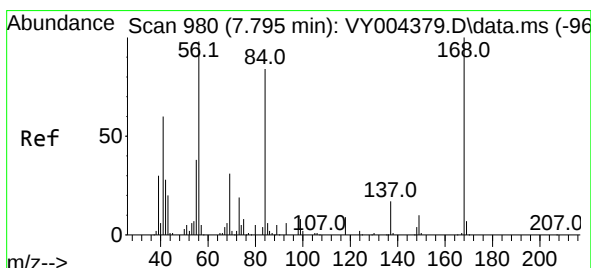
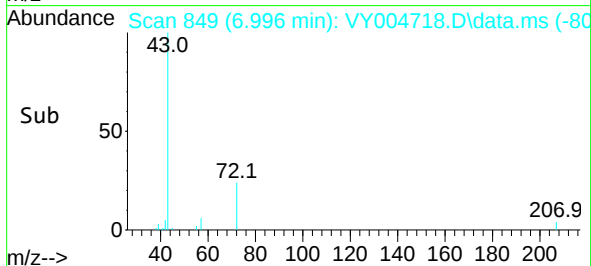
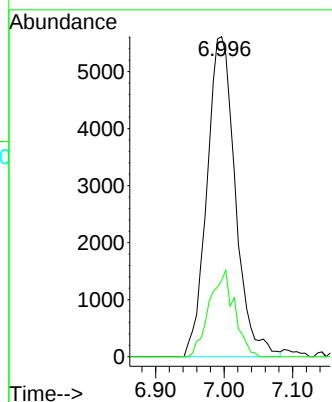


#25
2-Butanone
Concen: 24.04 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

Instrument :
MSVOA_Y
ClientSampled :

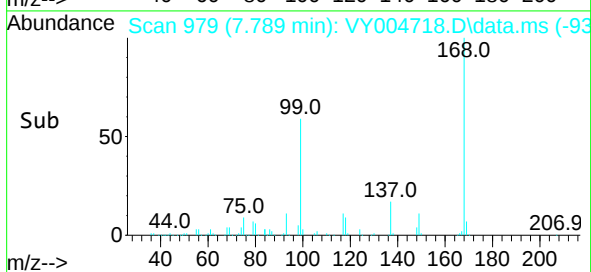
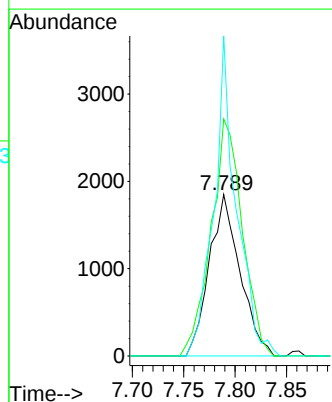
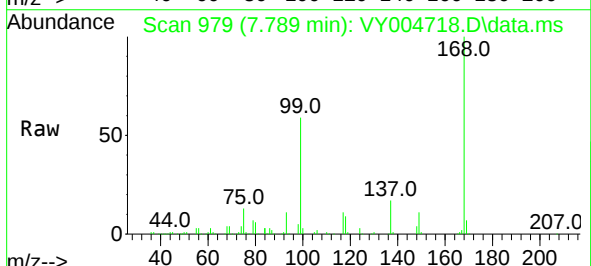


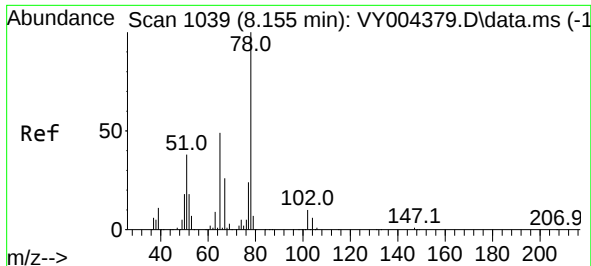
Tgt Ion: 43 Resp: 16119
Ion Ratio Lower Upper
43 100
72 23.8 20.2 30.2



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

Tgt Ion: 56 Resp: 3849
Ion Ratio Lower Upper
56 100
69 146.7 25.8 38.6#
84 198.2 68.2 102.4#

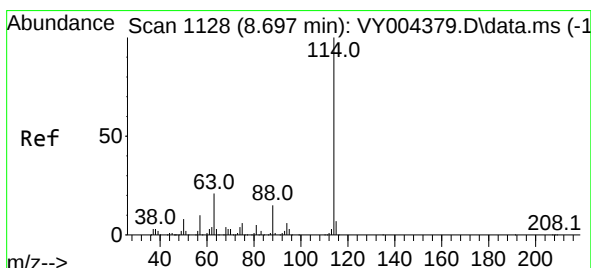
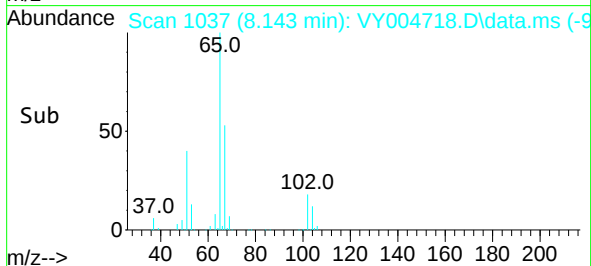
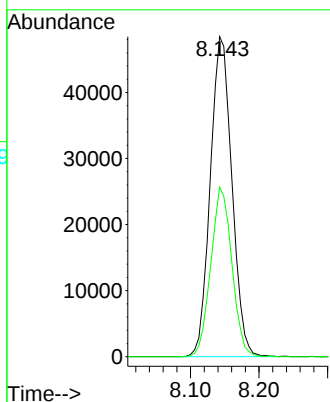
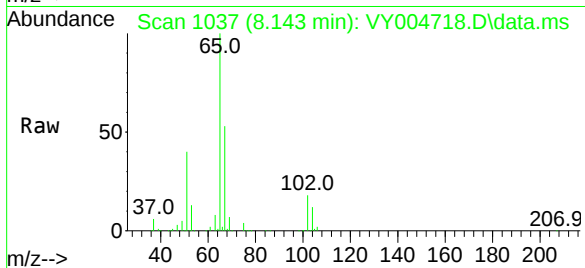




#33
1,2-Dichloroethane-d4
Concen: 60.17 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

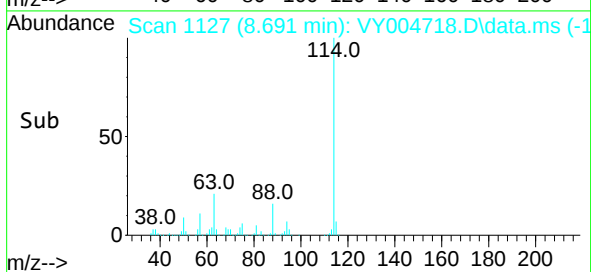
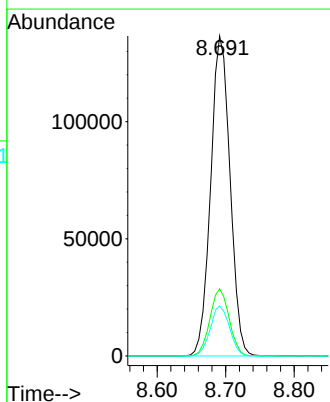
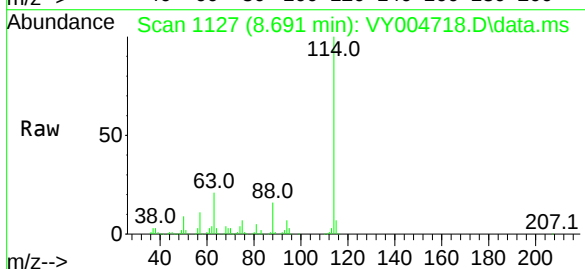
Instrument :
MSVOA_Y
ClientSampled :

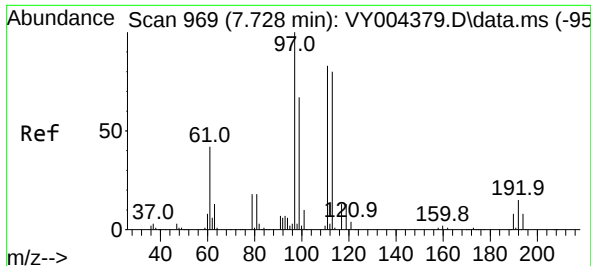
Tgt Ion: 65 Resp: 105908
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

Tgt Ion: 114 Resp: 267587
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.4
88 15.7 0.0 30.8

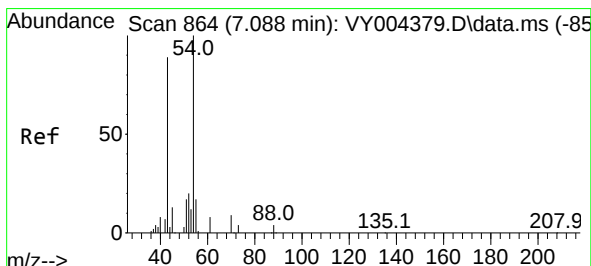
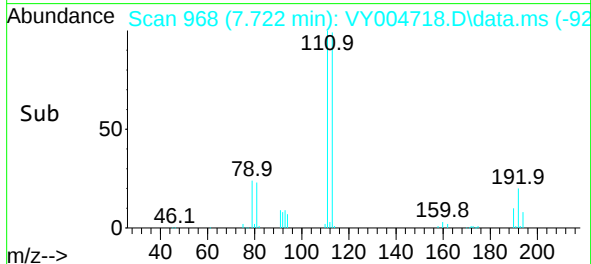
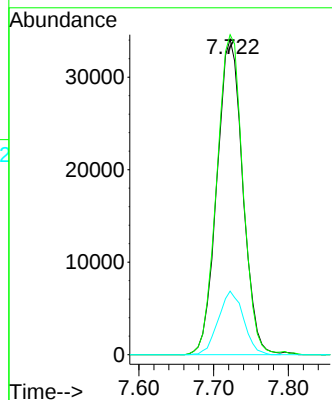
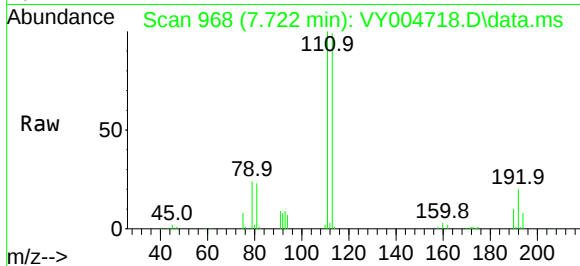




#35
Dibromofluoromethane
Concen: 55.06 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

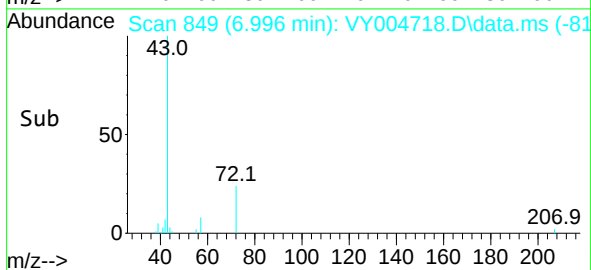
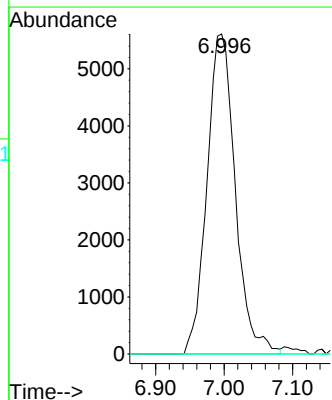
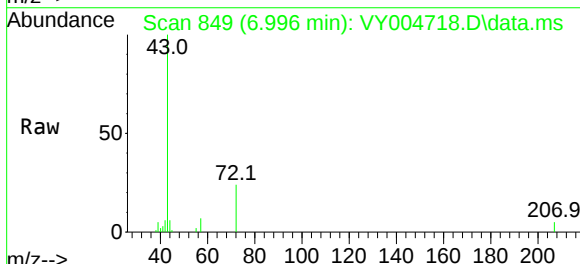
Instrument :
MSVOA_Y
ClientSampleId :

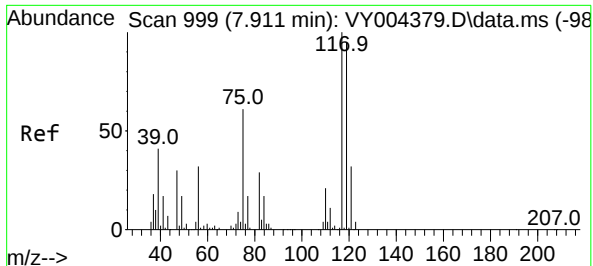
Tgt Ion:113 Resp: 81767
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 19.7 16.1 24.1



#37
Ethyl Acetate
Concen: 9.41 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.091 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

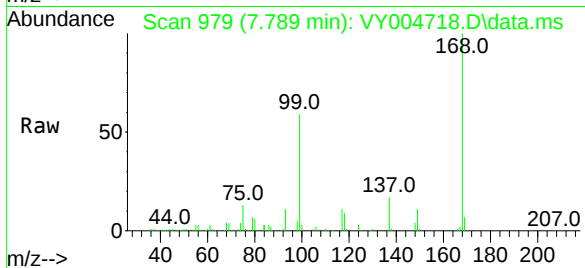
Tgt Ion: 43 Resp: 16119
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 7.5 11.3#



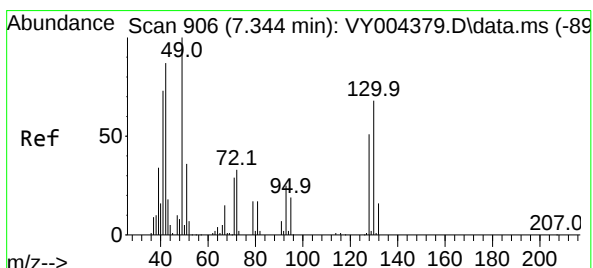
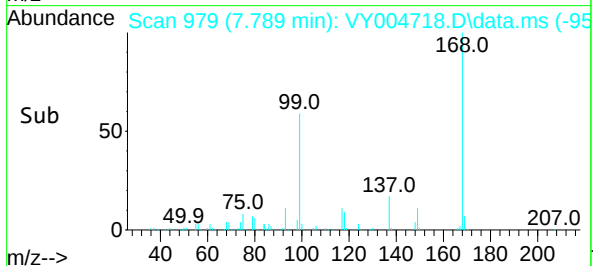
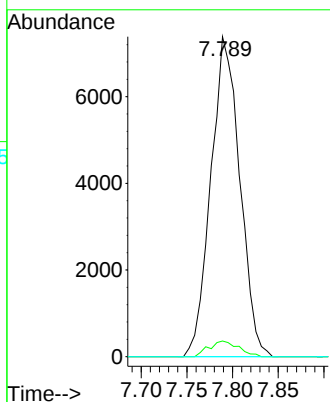


#38
Carbon Tetrachloride
Concen: 7.08 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

Instrument :
MSVOA_Y
ClientSampleId :

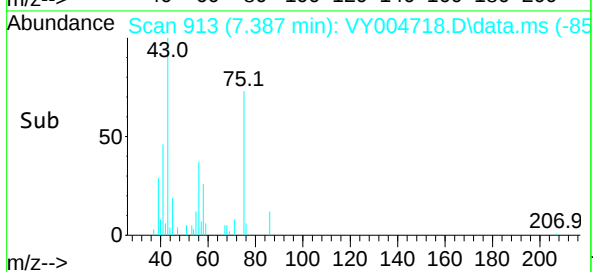
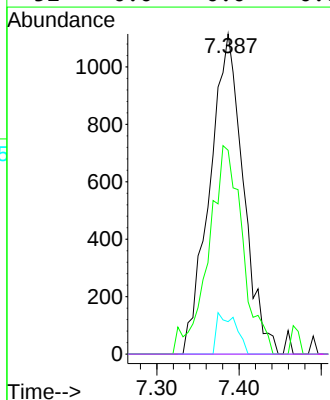
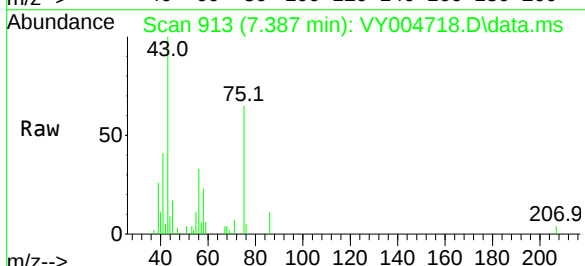


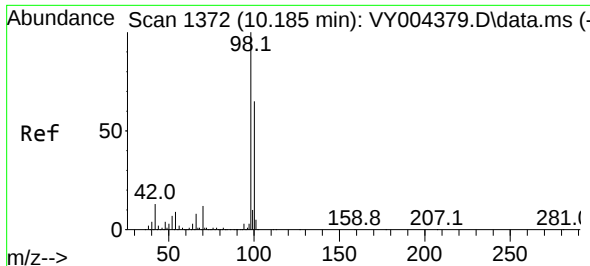
Tgt Ion: 117 Resp: 16277
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 25.3 37.9#



#41
Methacrylonitrile
Concen: 3.05 ug/l
RT: 7.387 min Scan# 913
Delta R.T. 0.043 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

Tgt Ion: 41 Resp: 3168
Ion Ratio Lower Upper
41 100
39 66.2 0.0 0.0#
67 7.3 0.0 0.0#
52 0.0 0.0 0.0

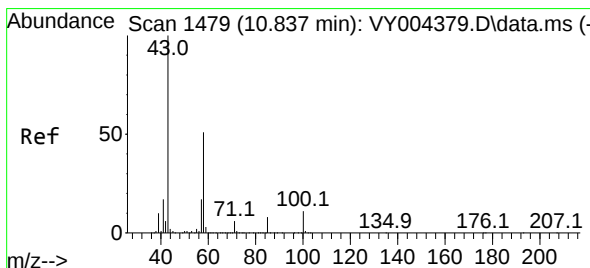
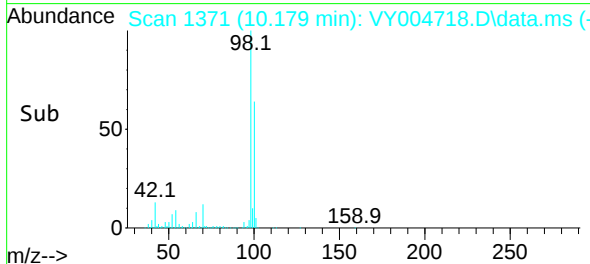
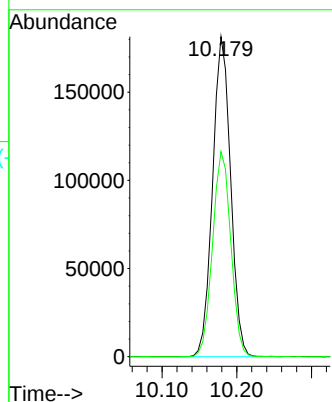
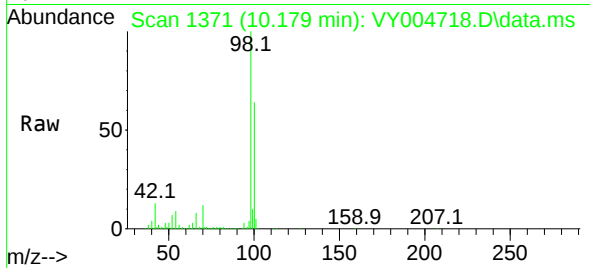




#50
Toluene-d8
Concen: 48.06 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

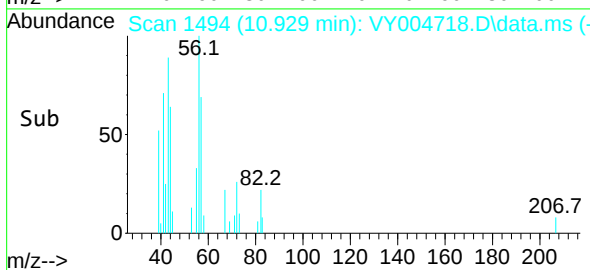
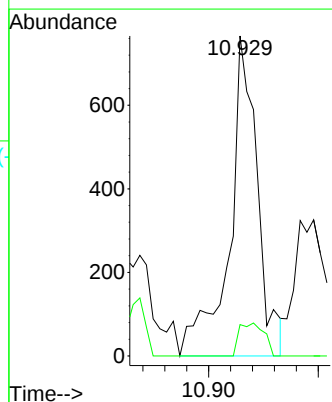
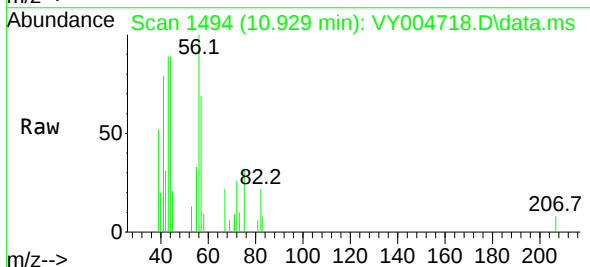
Instrument :
MSVOA_Y
ClientSampleId :

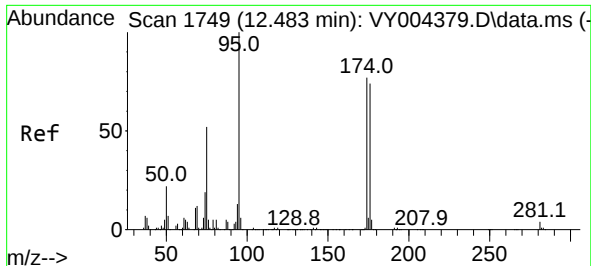
Tgt Ion: 98 Resp: 303603
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#59
2-Hexanone
Concen: 1.20 ug/l
RT: 10.929 min Scan# 1494
Delta R.T. 0.092 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

Tgt Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
58 9.2 25.4 76.4#

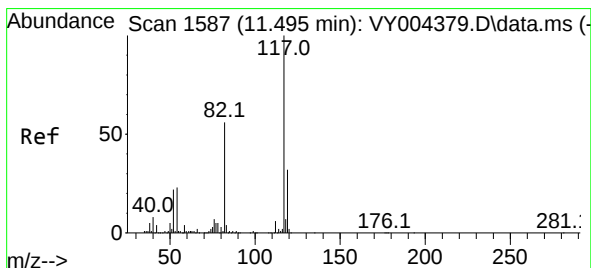
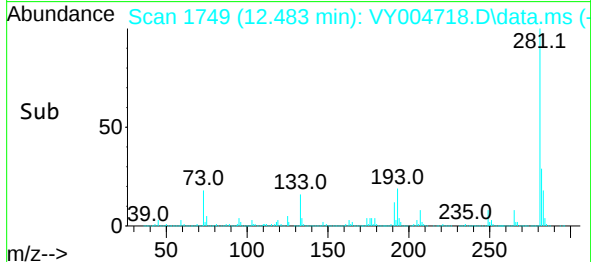
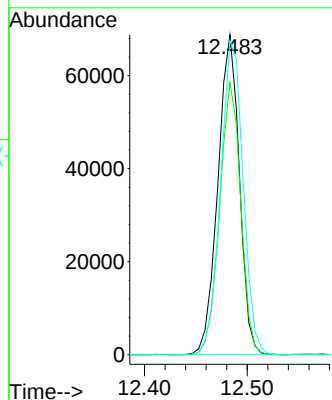
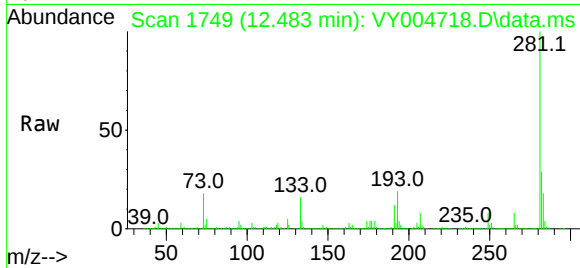




#62
4-Bromofluorobenzene
Concen: 46.53 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

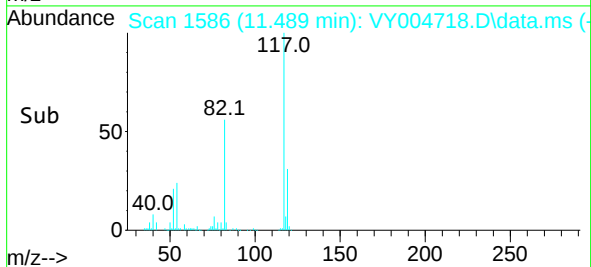
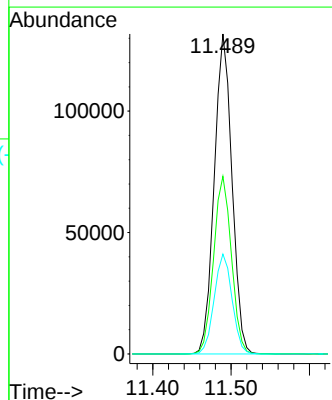
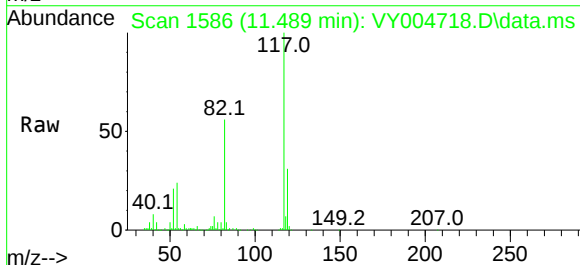
Instrument :
MSVOA_Y
ClientSampleId :

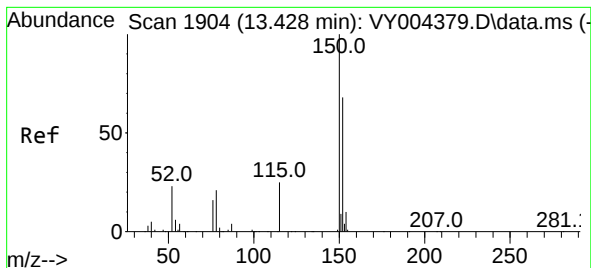
Tgt Ion: 95 Resp: 99731
Ion Ratio Lower Upper
95 100
174 83.3 0.0 162.4
176 103.2 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

Tgt Ion: 117 Resp: 207318
Ion Ratio Lower Upper
117 100
82 55.5 44.9 67.3
119 31.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY004718.D

Acq: 04 May 2021 16:18

Tgt Ion:152 Resp: 57503

Ion Ratio Lower Upper

152 100

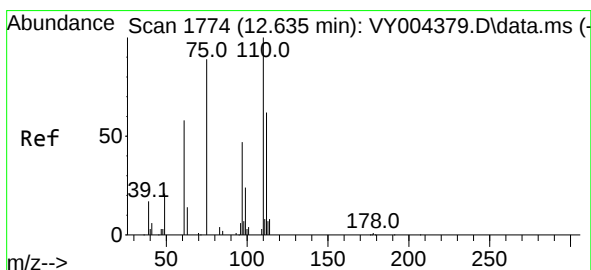
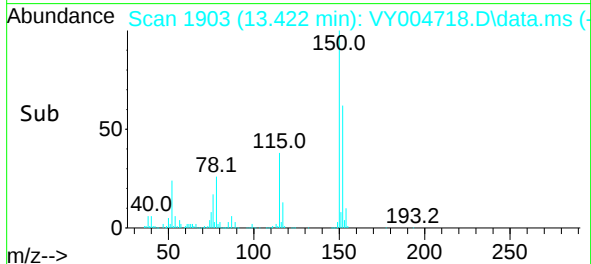
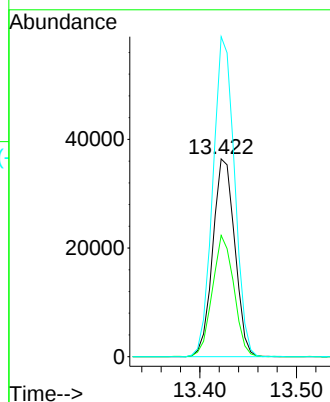
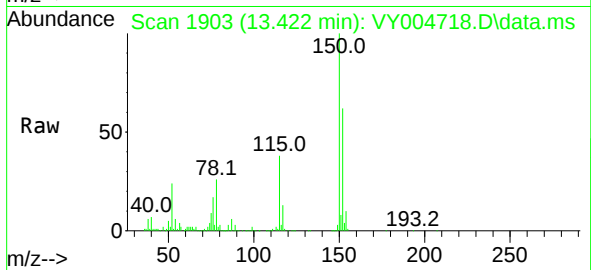
115 60.0 29.6 88.8

150 159.2 0.0 348.4

Instrument :

MSVOA_Y

ClientSampleId :



#76

1,2,3-Trichloropropane

Concen: 191.39 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY004718.D

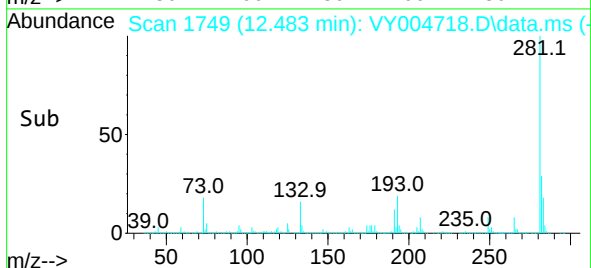
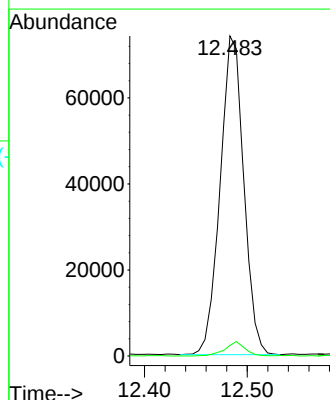
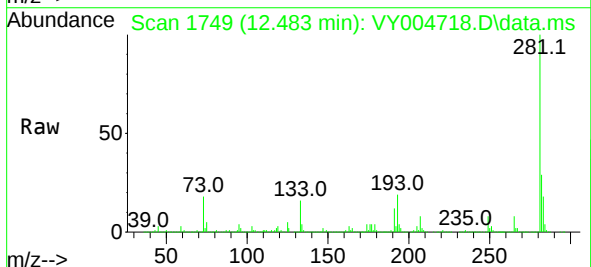
Acq: 04 May 2021 16:18

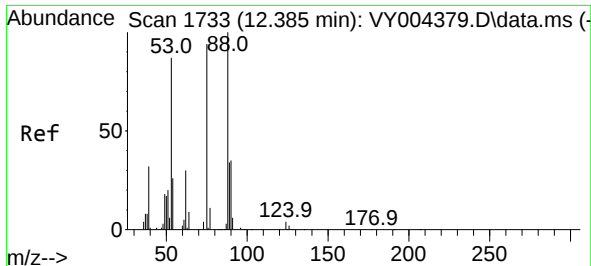
Tgt Ion: 75 Resp: 118123

Ion Ratio Lower Upper

75 100

77 3.9 0.0 0.0#

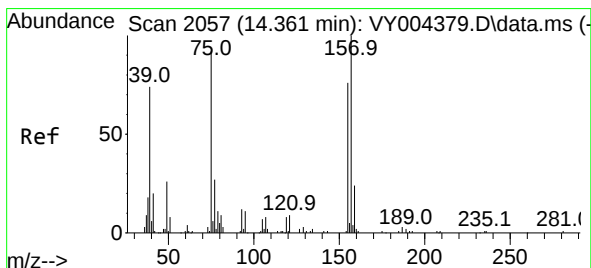
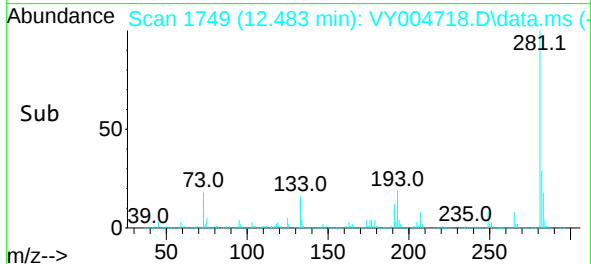
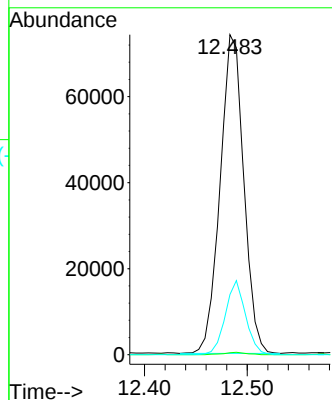
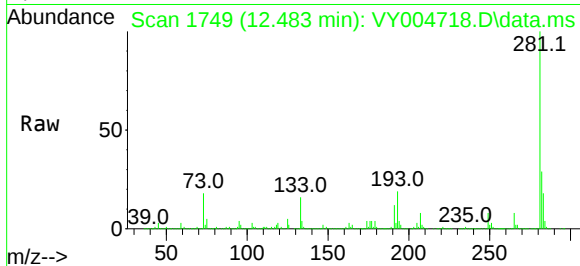




#81
trans-1,4-Dichloro-2-butene
Concen: 342.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

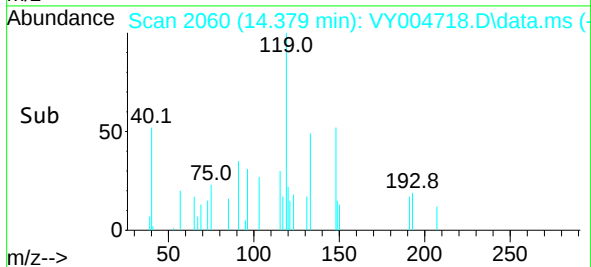
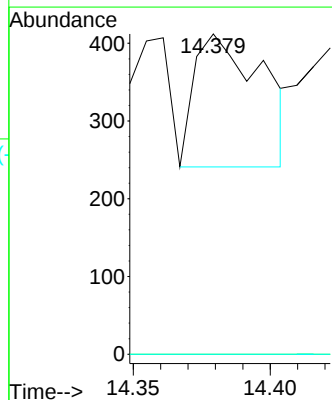
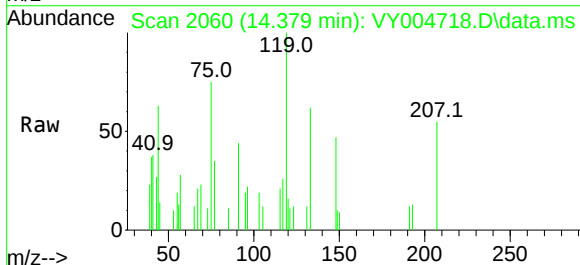
Instrument :
MSVOA_Y
ClientSampleId :

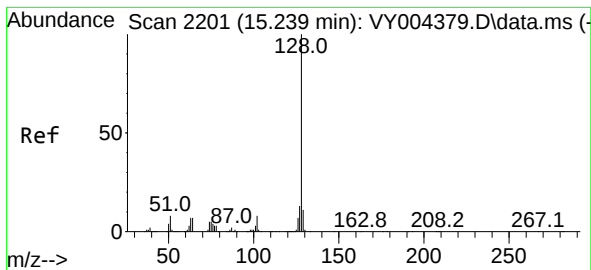
Tgt Ion: 75 Resp: 118123
Ion Ratio Lower Upper
75 100
53 0.7 75.0 112.6#
89 19.9 36.1 54.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.95 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.019 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

Tgt Ion: 75 Resp: 294
Ion Ratio Lower Upper
75 100
155 0.0 40.6 121.8#
157 0.0 53.0 159.0#





#95
Naphthalene
Concen: 5.33 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004718.D
Acq: 04 May 2021 16:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 12651
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 12.8 8.8 13.2

