

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004343.D
 Acq On : 08 Apr 2021 18:15
 Operator : SY/MD
 Sample : M1979-08
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 09 03:18:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

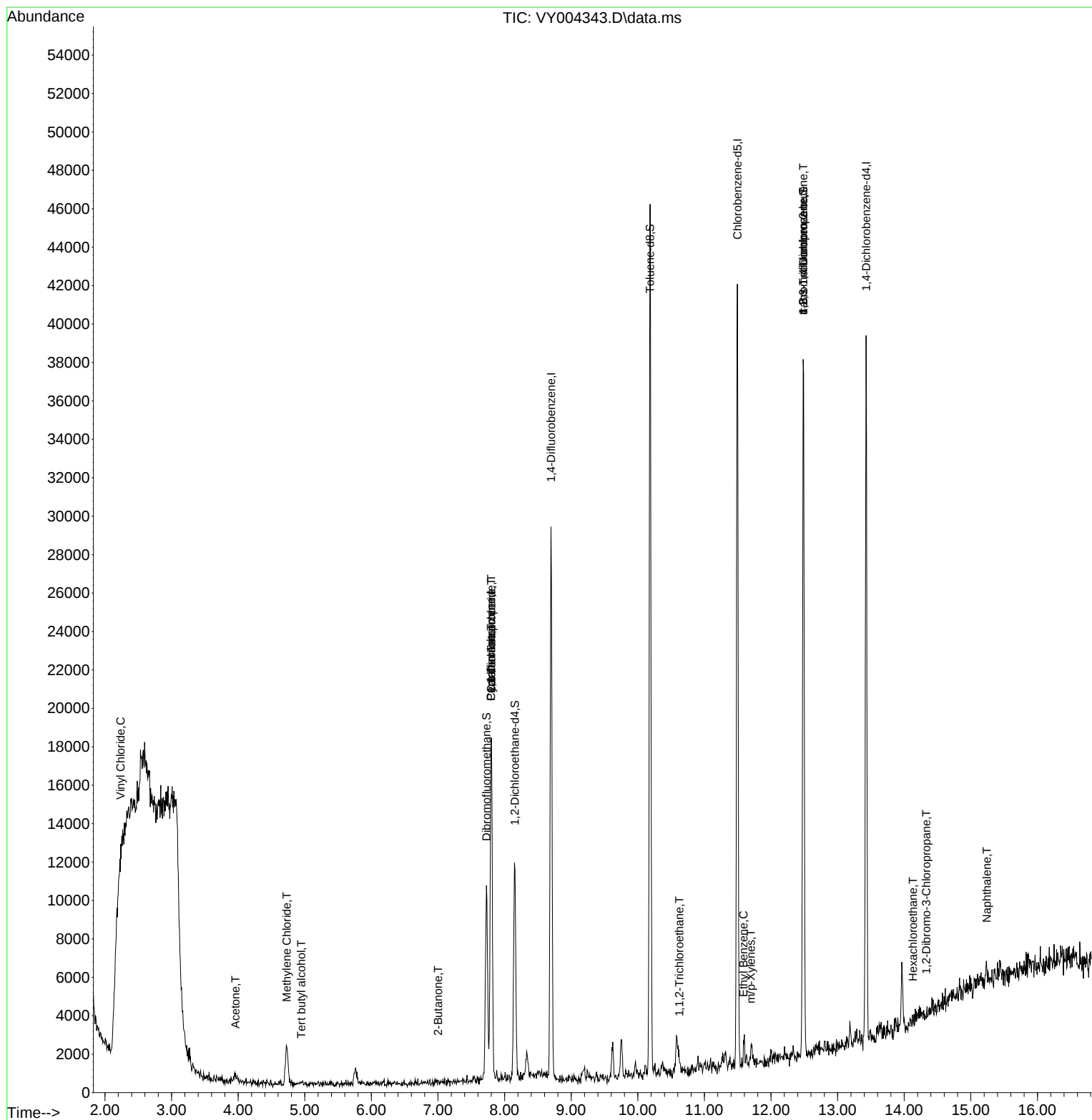
Internal Standards						
1) Pentafluorobenzene	7.795	168	14062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	23564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	20892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	8719	64.50	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	= 129.00%		
35) Dibromofluoromethane	7.728	113	6816	51.91	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	= 103.82%		
50) Toluene-d8	10.185	98	28027	56.76	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	= 113.52%		
62) 4-Bromofluorobenzene	12.483	95	8868	52.40	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	= 104.80%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.235	62	6553	35.77	ug/l #	42
11) Tert butyl alcohol	4.948	59	198	18.00	ug/l #	71
16) Acetone	3.960	43	771	27.38	ug/l	99
20) Methylene Chloride	4.728	84	1300	7.27	ug/l	94
25) 2-Butanone	7.002	43	72	1.53	ug/l #	49
31) Cyclohexane	7.795	56	420	1.76	ug/l #	54
36) 1,1-Dichloropropene	7.801	75	1296	6.02	ug/l #	42
38) Carbon Tetrachloride	7.801	117	1420	7.59	ug/l #	13
55) 1,1,2-Trichloroethane	10.624	97	232	1.91	ug/l #	14
67) Ethyl Benzene	11.587	91	1039	1.37	ug/l	95
68) m/p-Xylenes	11.697	106	362	1.25	ug/l	76
76) 1,2,3-Trichloropropane	12.483	75	5186	65.26	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5186	120.28	ug/l #	10
90) Hexachloroethane	14.129	117	41	7.97	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.330	75	79	3.58	ug/l #	1
95) Naphthalene	15.239	128	598	1.58	ug/l #	77

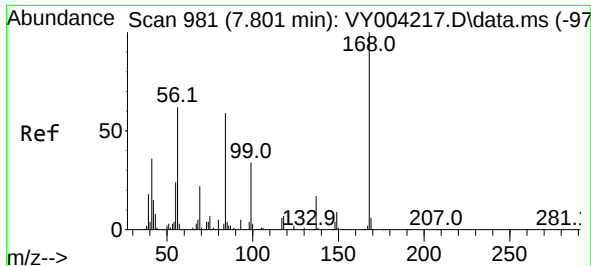
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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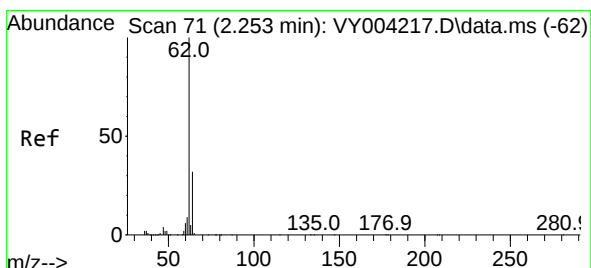
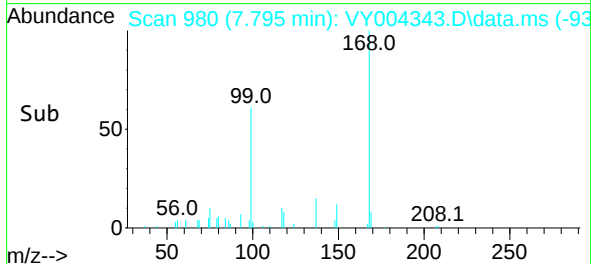
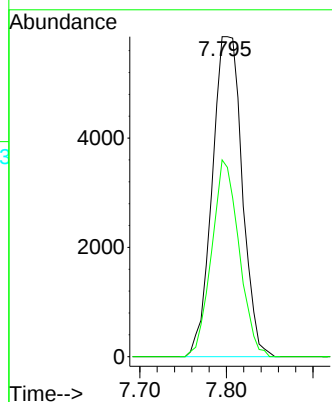
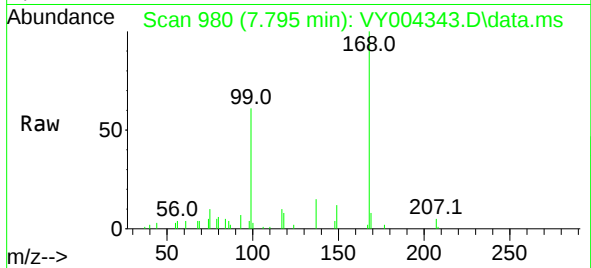




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

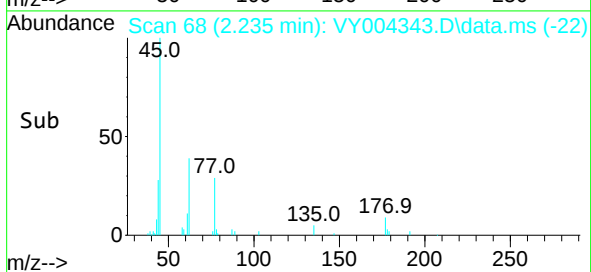
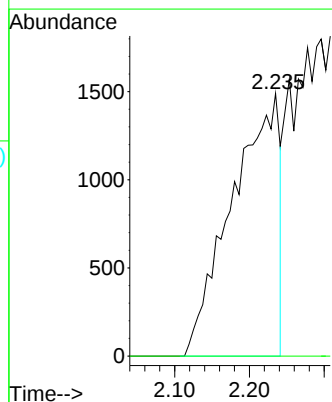
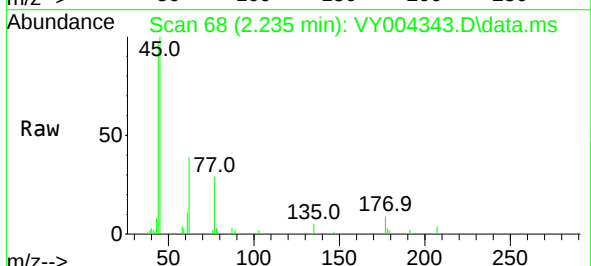
Instrument :
MSVOA_Y
ClientSampleId :

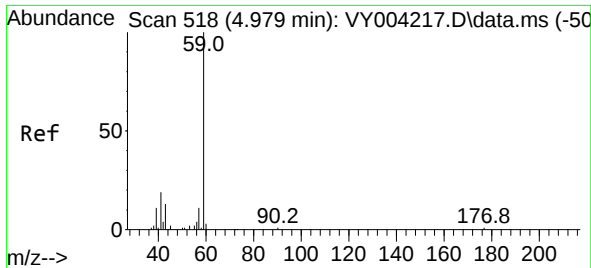
Tgt Ion:168 Resp: 14062
Ion Ratio Lower Upper
168 100
99 61.5 42.6 64.0



#4
Vinyl Chloride
Concen: 35.77 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.018 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

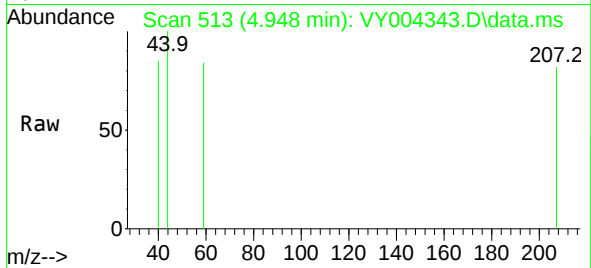
Tgt Ion: 62 Resp: 6553
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



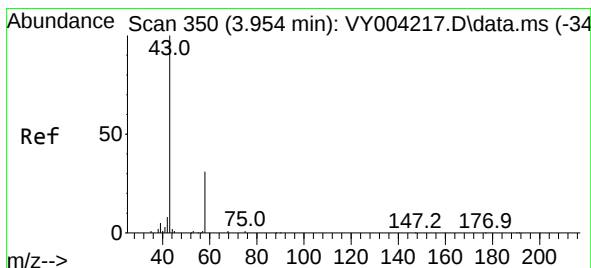
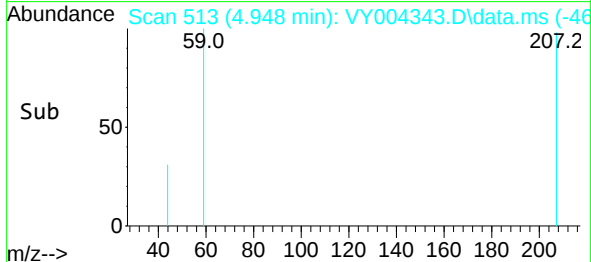
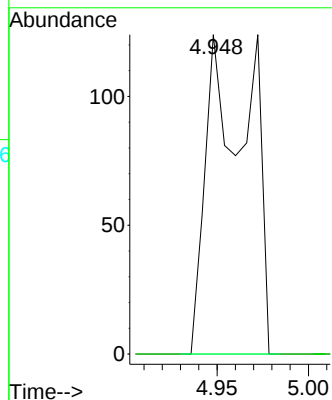


#11
Tert butyl alcohol
Concen: 18.00 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.031 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

Instrument :
MSVOA_Y
ClientSampled :

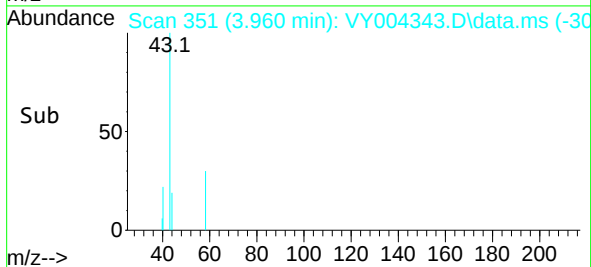
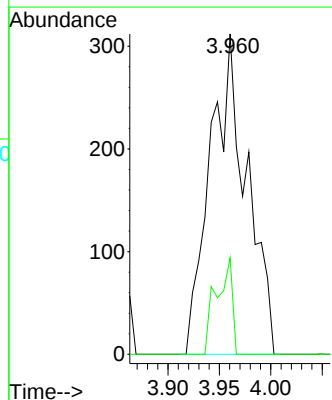
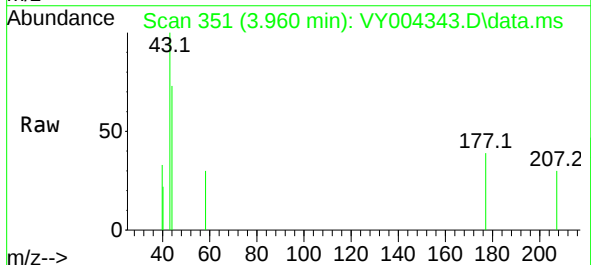


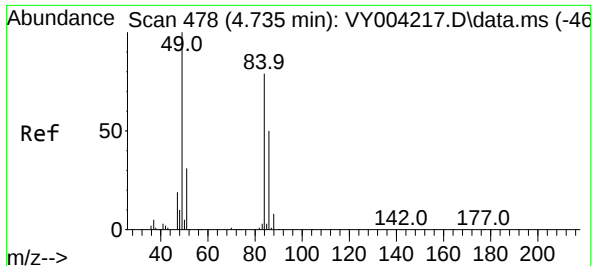
Tgt Ion: 59 Resp: 198
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 27.38 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

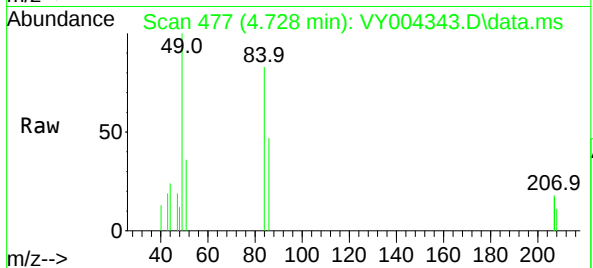
Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
58 30.1 24.5 36.7



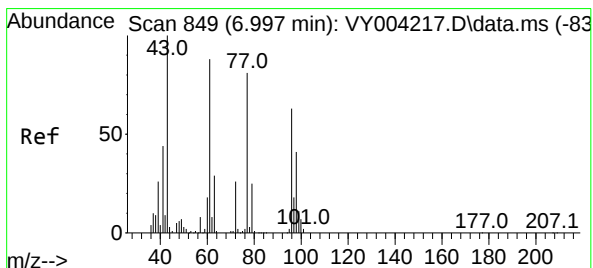
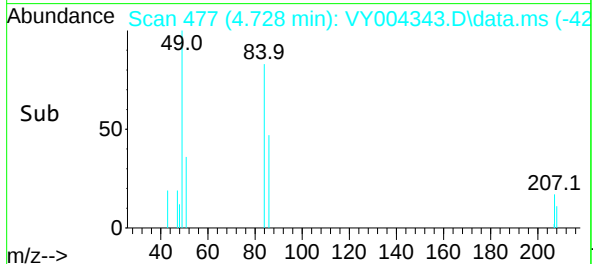
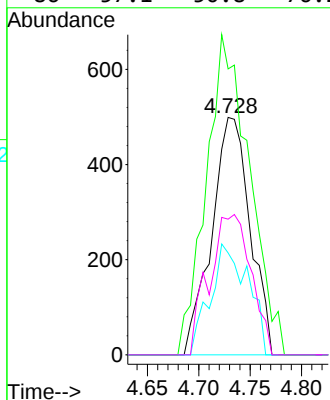


#20
Methylene Chloride
Concen: 7.27 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.007 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

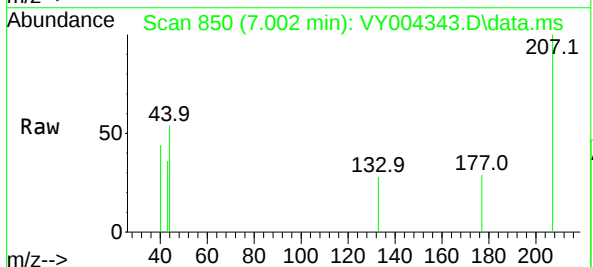
Instrument :
MSVOA_Y
ClientSampleId :



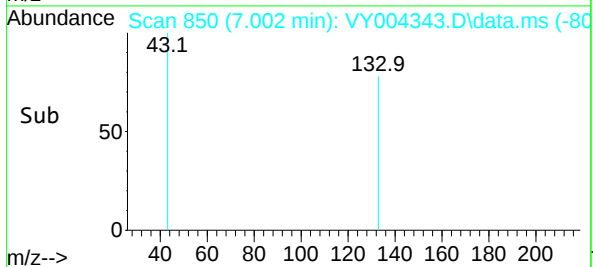
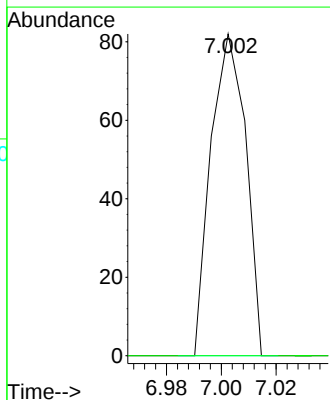
Tgt Ion:	84	Resp:	1300
Ion	Ratio	Lower	Upper
84	100		
49	120.4	101.5	152.3
51	42.9	31.5	47.3
86	57.1	50.8	76.2

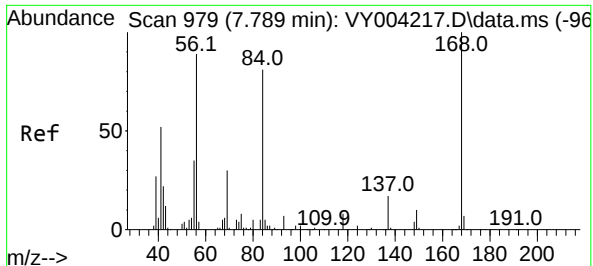


#25
2-Butanone
Concen: 1.53 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15



Tgt Ion:	43	Resp:	72
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#

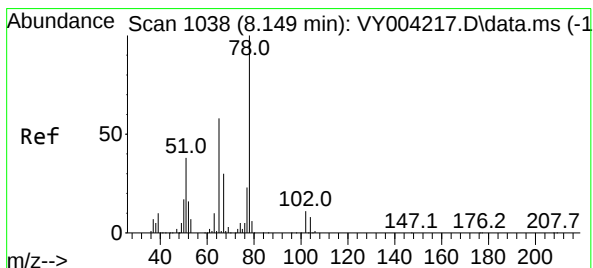
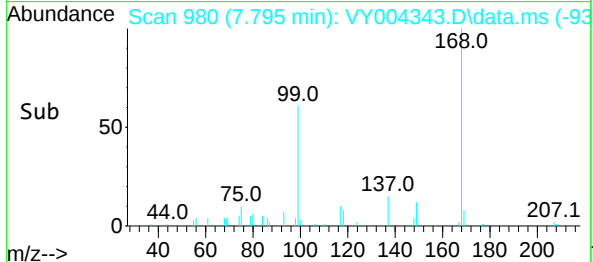
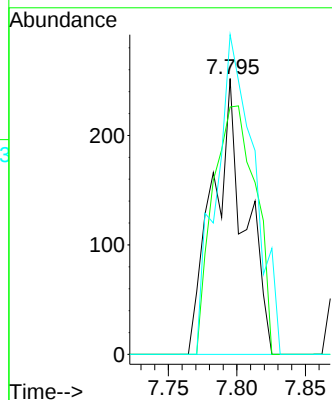
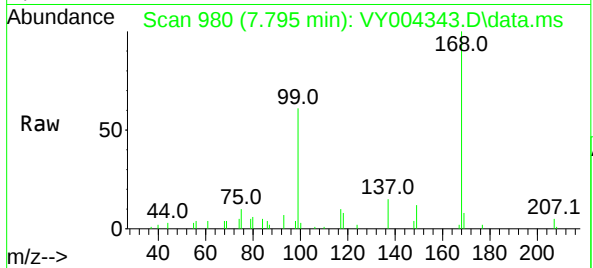




#31
Cyclohexane
Concen: 1.76 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

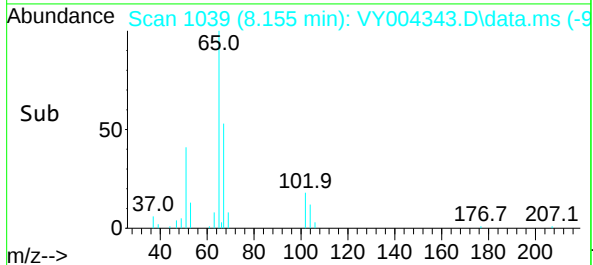
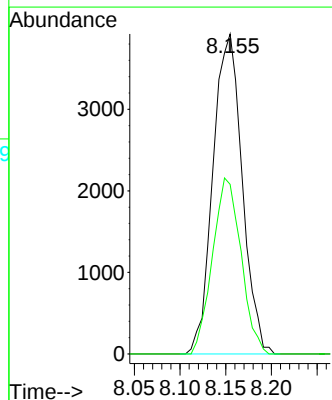
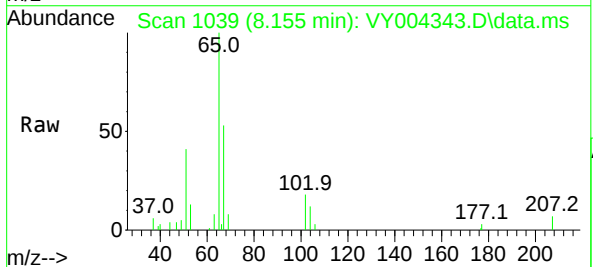
Instrument :
MSVOA_Y
ClientSampled :

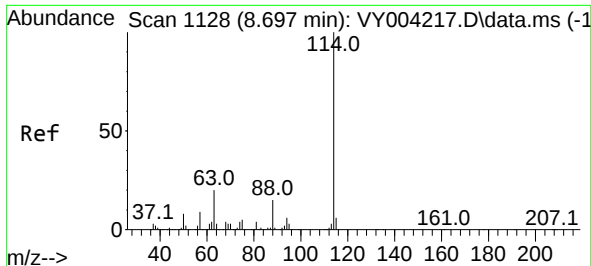
Tgt Ion: 56 Resp: 420
Ion Ratio Lower Upper
56 100
69 89.7 26.6 40.0#
84 115.9 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 64.50 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

Tgt Ion: 65 Resp: 8719
Ion Ratio Lower Upper
65 100
67 53.7 0.0 103.2

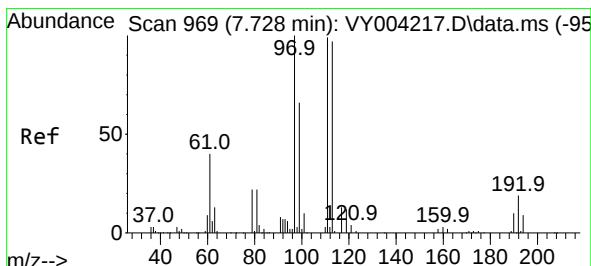
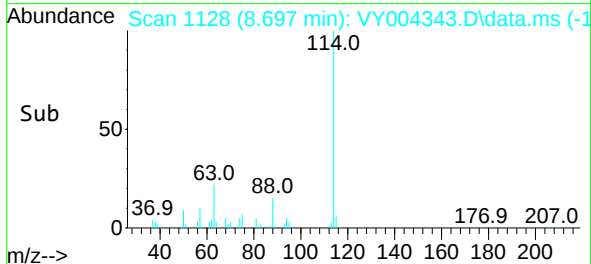
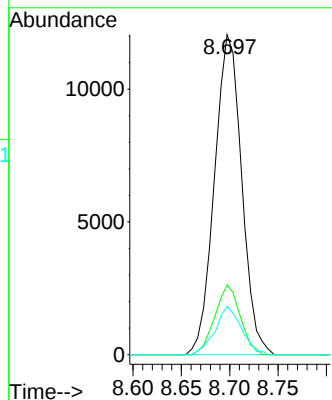
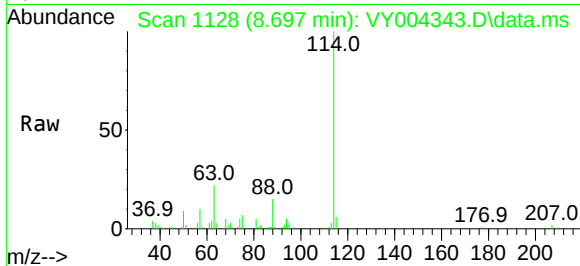




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

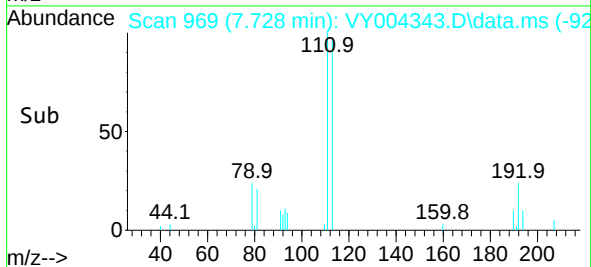
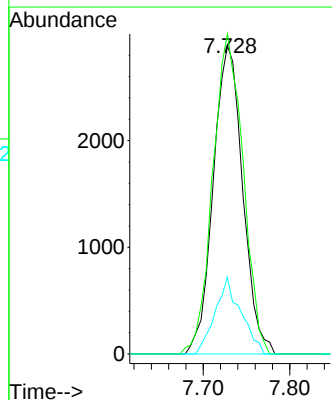
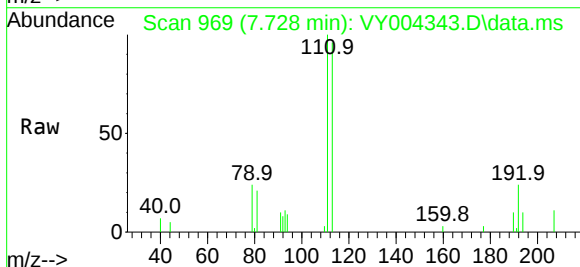
Instrument :
MSVOA_Y
ClientSampled :

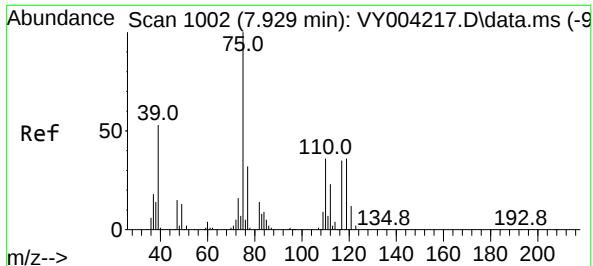
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	40.4
88	15.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 51.91 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.7	82.6	124.0
192	21.8	16.4	24.6





#36

1,1-Dichloropropene

Concen: 6.02 ug/l

RT: 7.801 min Scan# 981

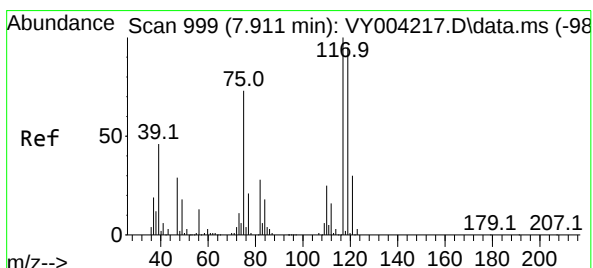
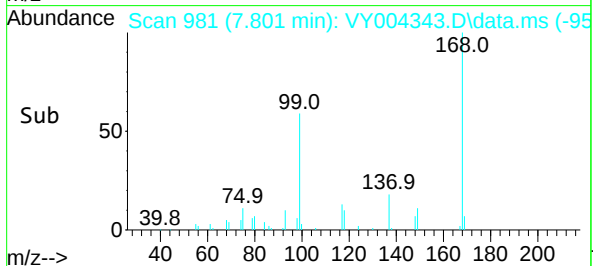
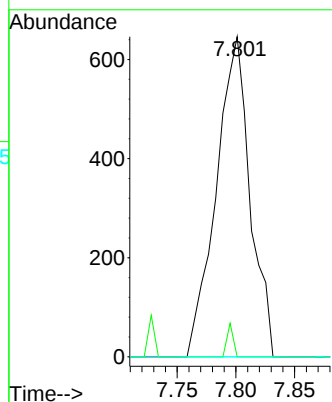
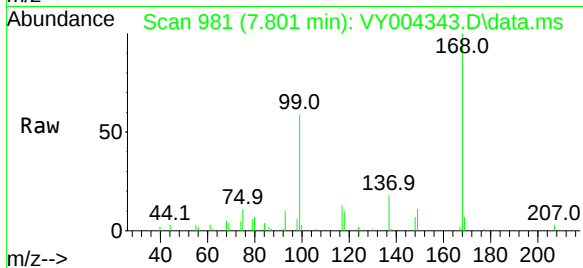
Delta R.T. -0.128 min

Lab File: VY004343.D

Acq: 08 Apr 2021 18:15

Tgt Ion: 75	Resp: 1296
Ion Ratio	Lower Upper
75 100	
110 1.9	18.1 54.3#
77 0.0	25.1 37.7#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 7.59 ug/l

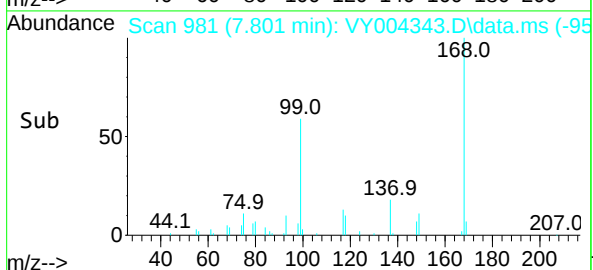
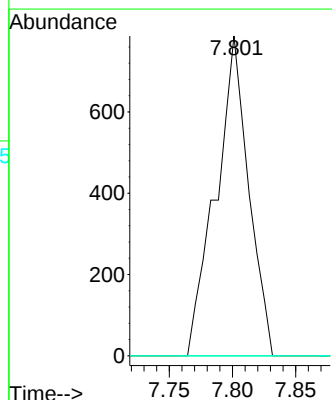
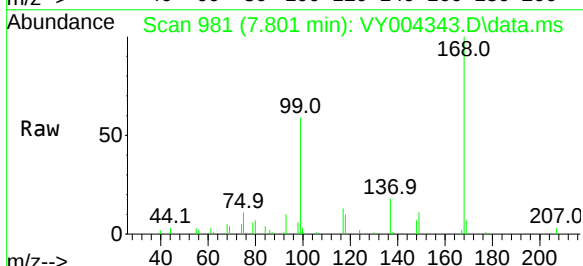
RT: 7.801 min Scan# 981

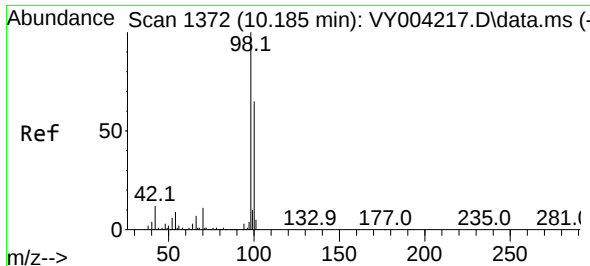
Delta R.T. -0.110 min

Lab File: VY004343.D

Acq: 08 Apr 2021 18:15

Tgt Ion: 117	Resp: 1420
Ion Ratio	Lower Upper
117 100	
119 0.0	75.6 113.4#
121 0.0	24.3 36.5#

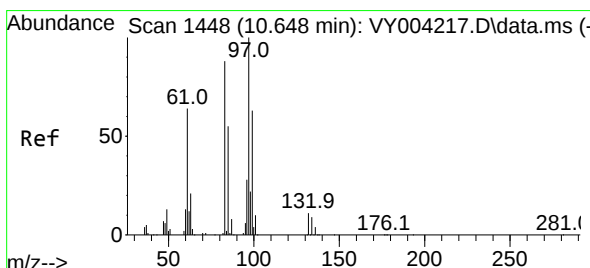
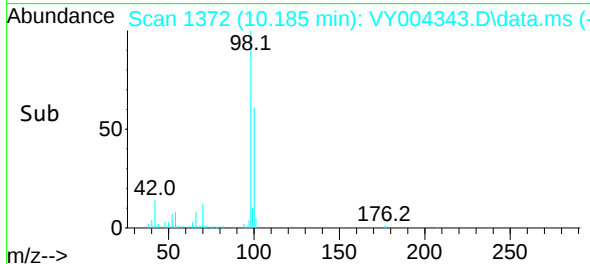
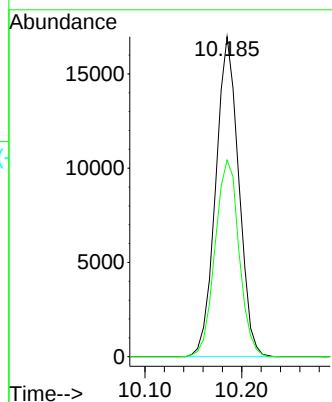
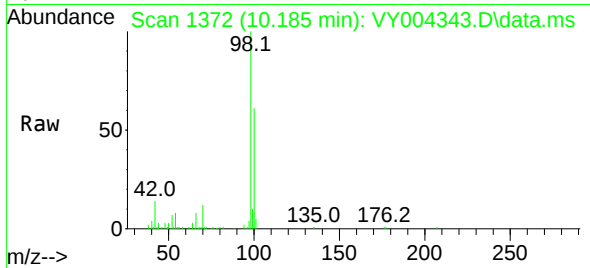




#50
Toluene-d8
Concen: 56.76 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

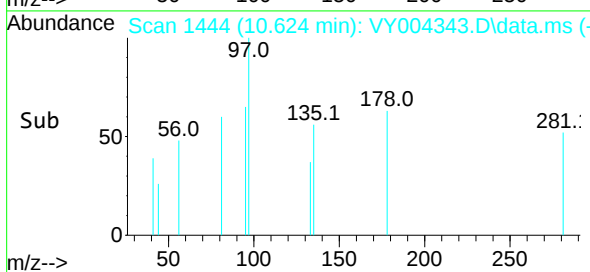
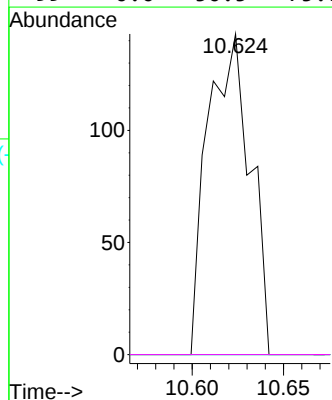
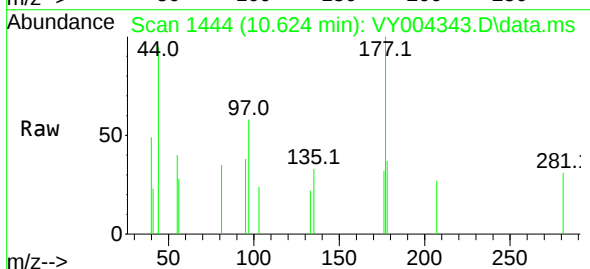
Instrument :
MSVOA_Y
ClientSampled :

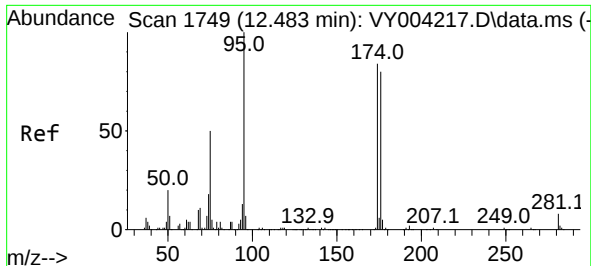
Tgt Ion: 98 Resp: 28027
Ion Ratio Lower Upper
98 100
100 63.9 52.5 78.7



#55
1,1,2-Trichloroethane
Concen: 1.91 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.025 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

Tgt Ion: 97 Resp: 232
Ion Ratio Lower Upper
97 100
83 0.0 70.6 105.8#
85 0.0 44.2 66.4#
99 0.0 50.5 75.7#

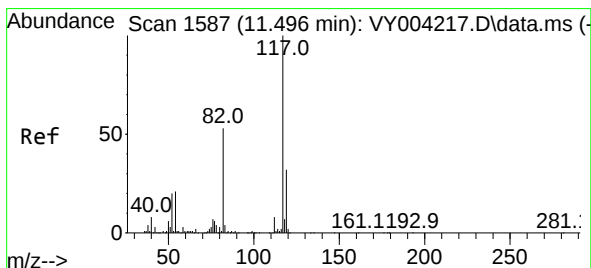
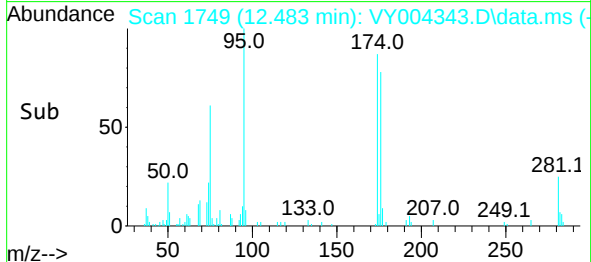
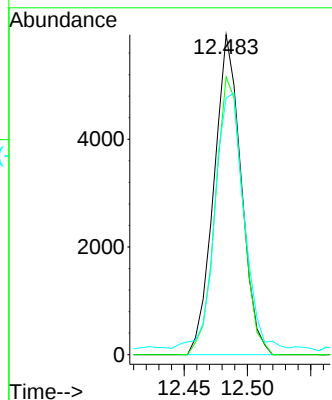
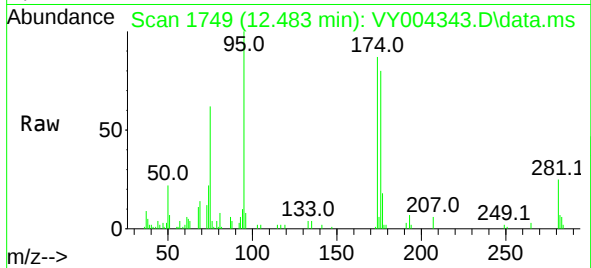




#62
4-Bromofluorobenzene
Concen: 52.40 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

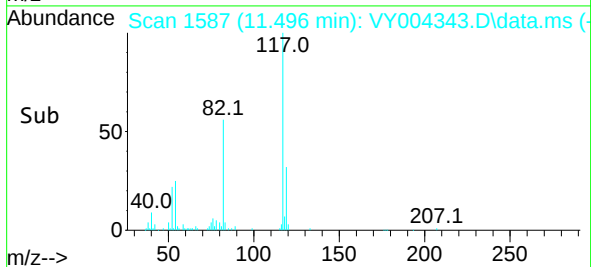
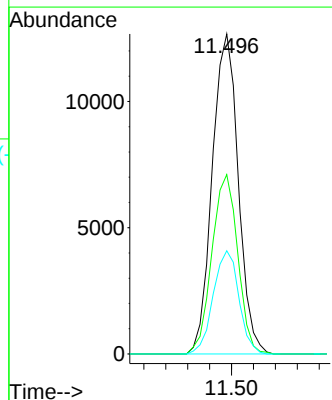
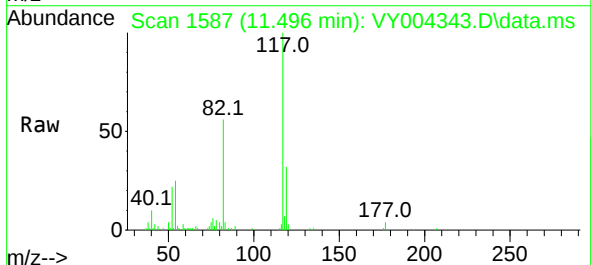
Instrument :
MSVOA_Y
ClientSampleId :

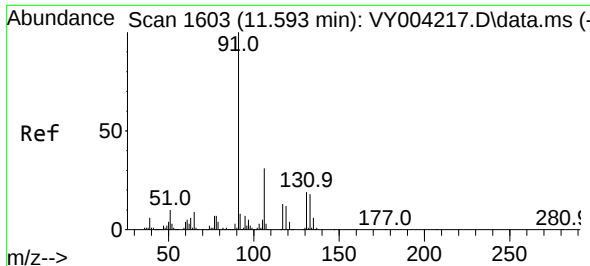
Tgt Ion: 95 Resp: 8868
Ion Ratio Lower Upper
95 100
174 87.1 0.0 171.4
176 88.6 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

Tgt Ion: 117 Resp: 20892
Ion Ratio Lower Upper
117 100
82 56.1 42.7 64.1
119 32.3 25.7 38.5

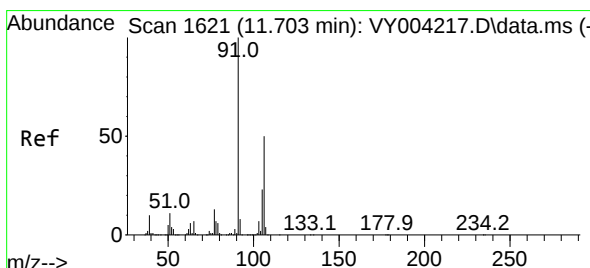
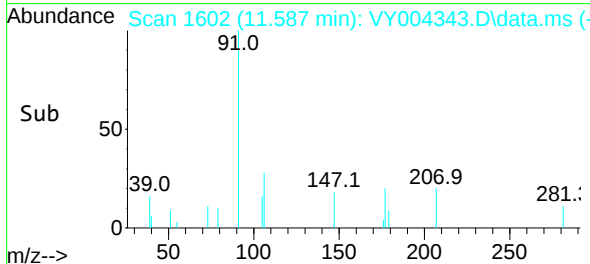
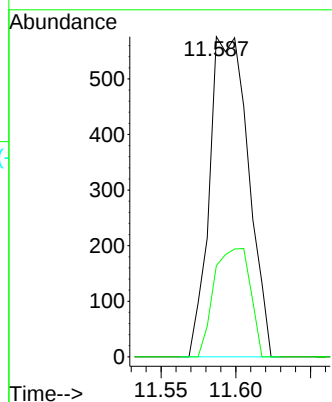
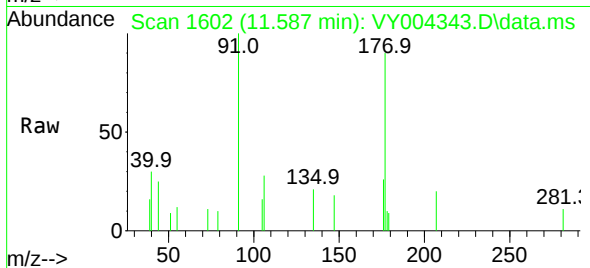




#67
Ethyl Benzene
Concen: 1.37 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

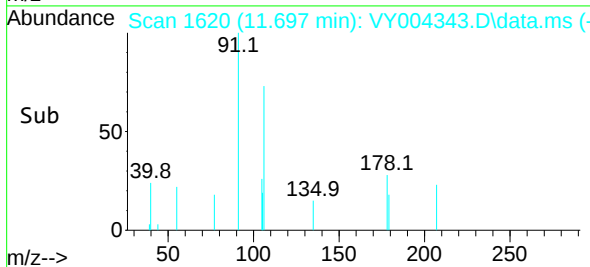
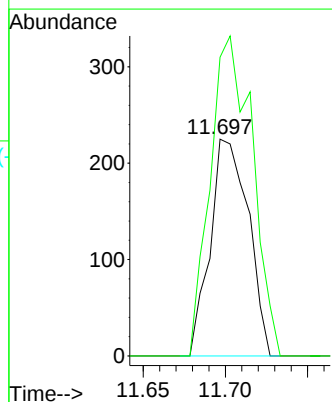
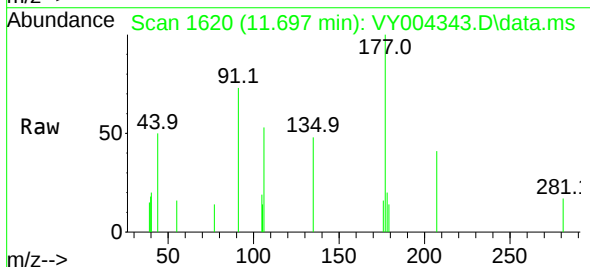
Instrument :
MSVOA_Y
ClientSampled :

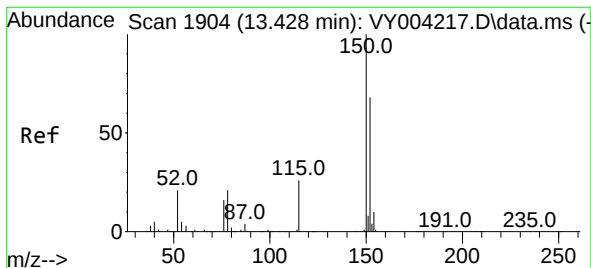
Tgt Ion: 91 Resp: 1039
Ion Ratio Lower Upper
91 100
106 28.5 25.0 37.6



#68
m/p-Xylenes
Concen: 1.25 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

Tgt Ion:106 Resp: 362
Ion Ratio Lower Upper
106 100
91 163.0 159.8 239.6

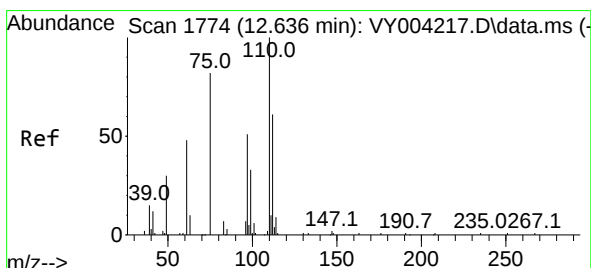
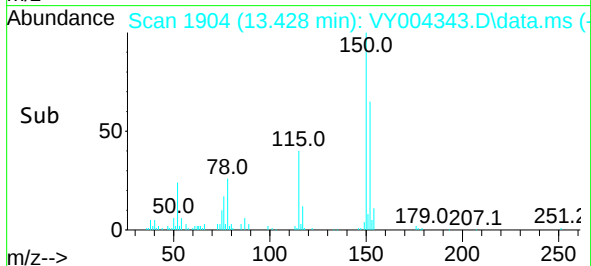
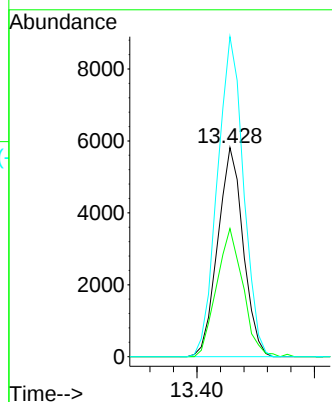
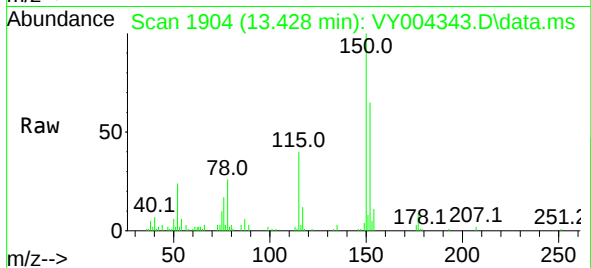




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004343.D
 Acq: 08 Apr 2021 18:15

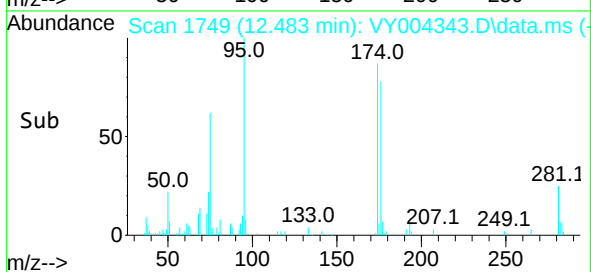
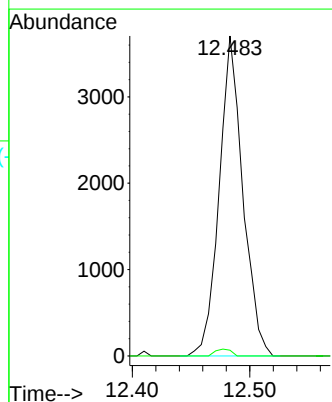
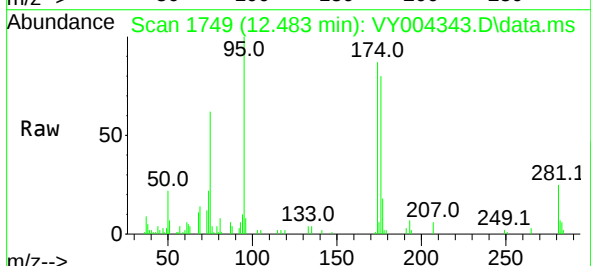
Instrument :
 MSVOA_Y
 ClientSampleId :

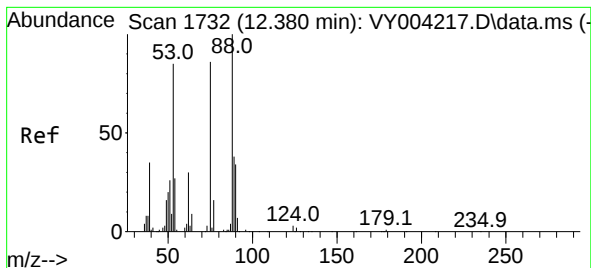
Tgt Ion:152 Resp: 8751
 Ion Ratio Lower Upper
 152 100
 115 63.4 29.0 87.1
 150 157.0 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 65.26 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004343.D
 Acq: 08 Apr 2021 18:15

Tgt Ion: 75 Resp: 5186
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

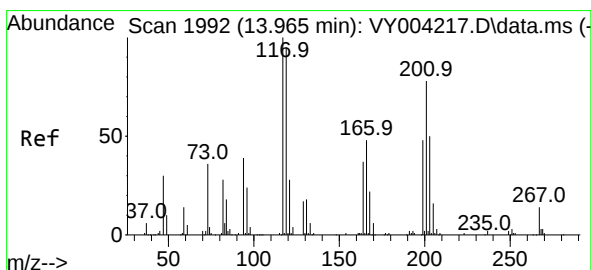
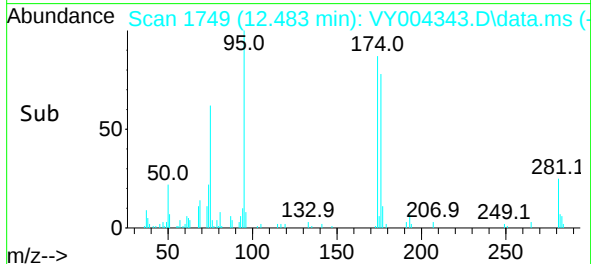
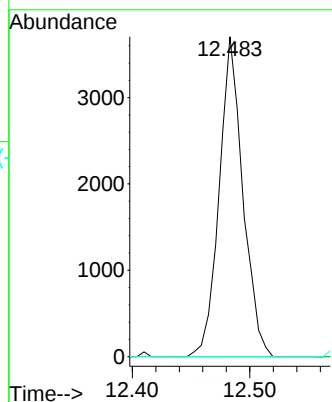
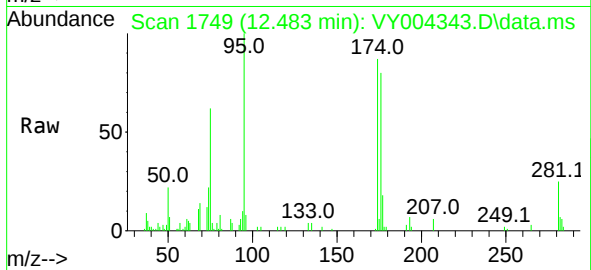




#81
trans-1,4-Dichloro-2-butene
Concen: 120.28 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

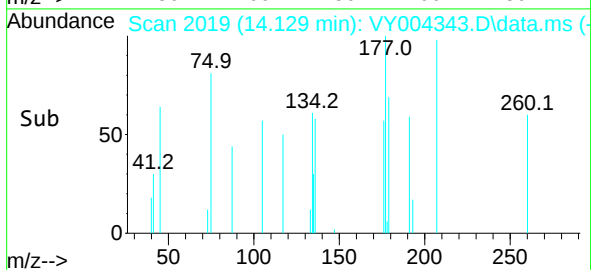
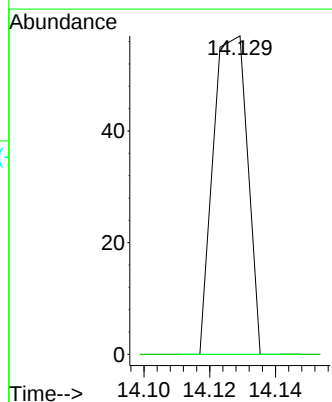
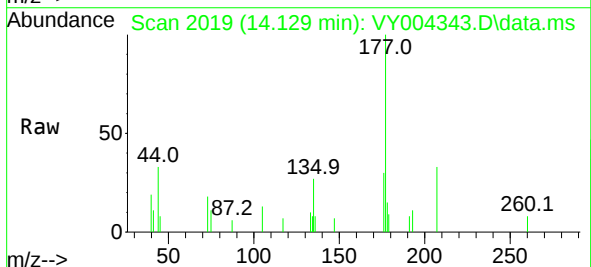
Instrument :
MSVOA_Y
ClientSampleId :

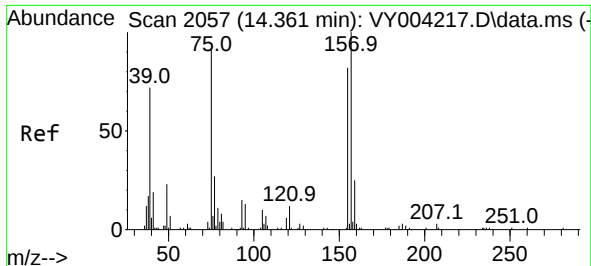
Tgt Ion: 75 Resp: 5186
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.0 39.4 59.2#



#90
Hexachloroethane
Concen: 7.97 ug/l
RT: 14.129 min Scan# 2019
Delta R.T. 0.164 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

Tgt Ion: 117 Resp: 41
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

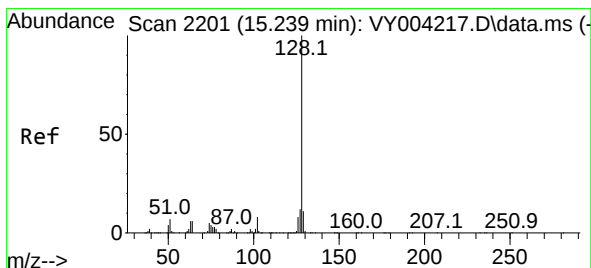
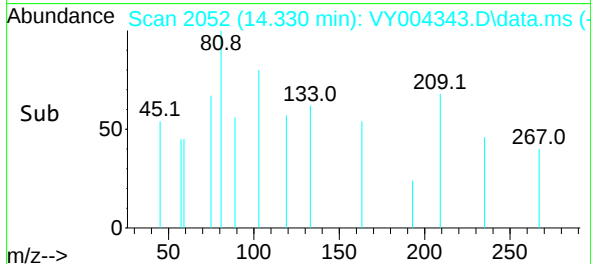
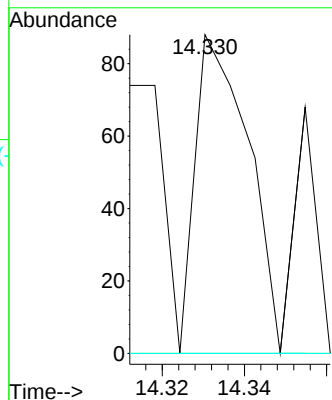
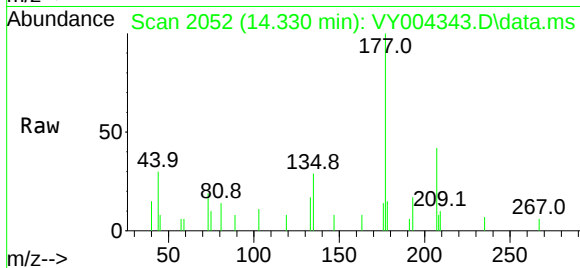




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.58 ug/l
RT: 14.330 min Scan# 2052
Delta R.T. -0.031 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 79
Ion Ratio Lower Upper
75 100
155 0.0 46.3 138.8#
157 0.0 58.3 174.9#



#95
Naphthalene
Concen: 1.58 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

Tgt Ion: 128 Resp: 598
Ion Ratio Lower Upper
128 100
127 0.0 10.1 15.1#
129 16.1 8.9 13.3#

