

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004356.D
 Acq On : 09 Apr 2021 14:36
 Operator : SY/MD
 Sample : M1979-08RE
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-8

Quant Time: Apr 10 02:02:34 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)

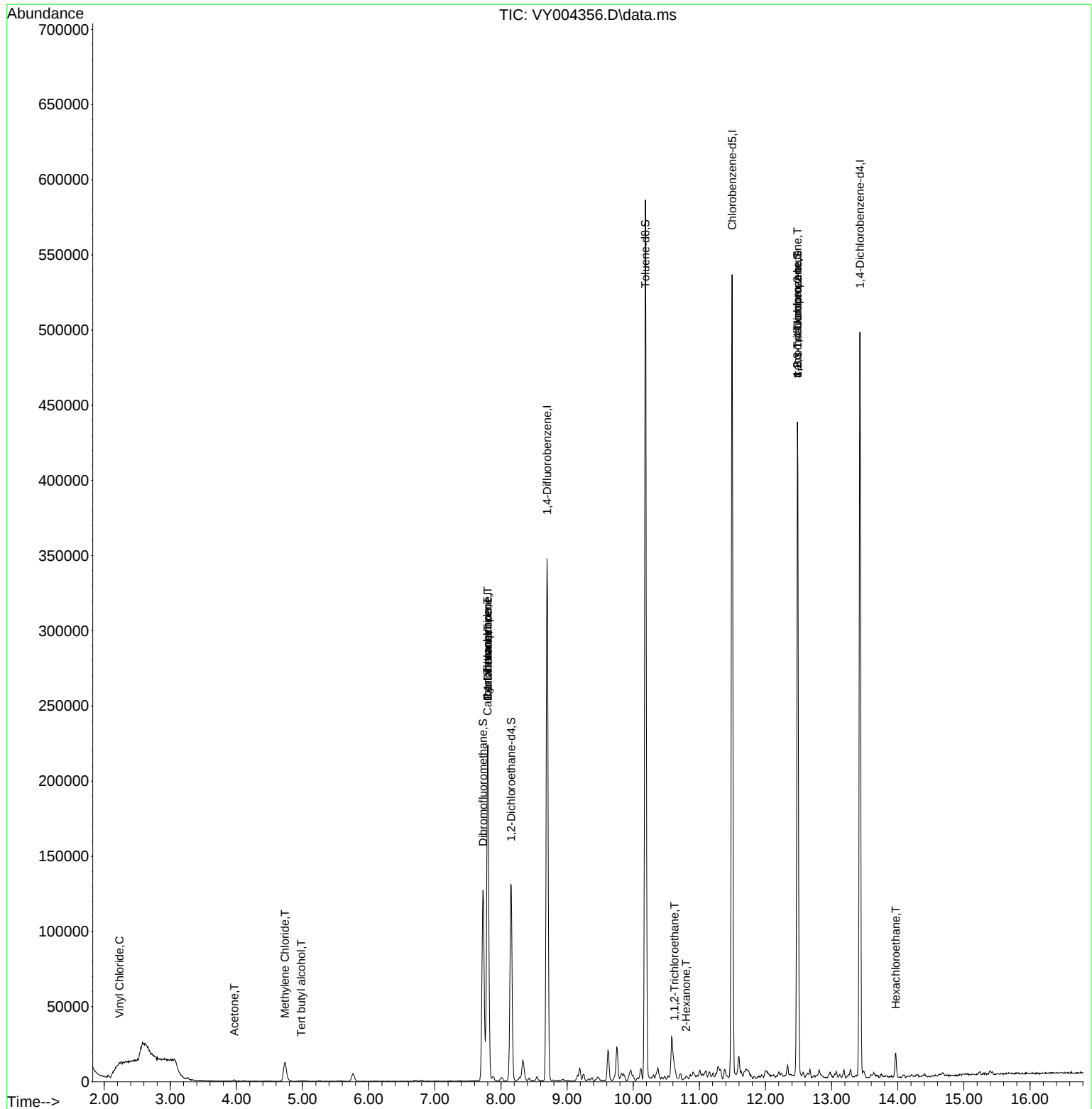
Internal Standards						
1) Pentafluorobenzene	7.801	168	165972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	289952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	271077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118357	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	101354	63.52	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.04%			
35) Dibromofluoromethane	7.728	113	88624	54.86	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.72%			
50) Toluene-d8	10.185	98	356753	58.71	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.42%			
62) 4-Bromofluorobenzene	12.483	95	118959	57.12	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.24%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.229	62	7346	3.40	ug/l #	42
11) Tert butyl alcohol	4.978	59	568	4.37	ug/l #	71
13) Acrolein	3.759	56	43	Below Cal	#	15
16) Acetone	3.966	43	1651	4.97	ug/l #	85
20) Methylene Chloride	4.735	84	9146	3.26	ug/l	98
31) Cyclohexane	7.801	56	4509	1.60	ug/l #	62
36) 1,1-Dichloropropene	7.801	75	13090	4.95	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16349	7.10	ug/l #	16
55) 1,1,2-Trichloroethane	10.624	97	2204	1.48	ug/l #	21
59) 2-Hexanone	10.801	43	1424	1.38	ug/l #	25
76) 1,2,3-Trichloropropane	12.483	75	66006	61.42	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66006	113.19	ug/l #	10
90) Hexachloroethane	13.971	117	68	7.37	ug/l #	12

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

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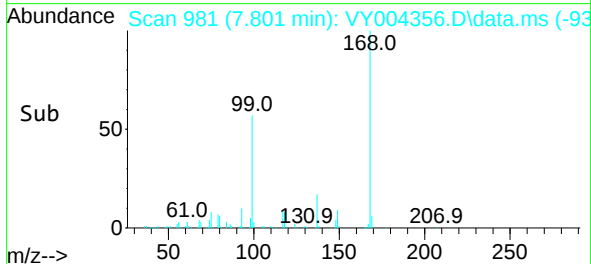
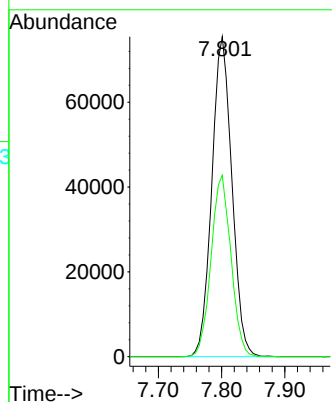
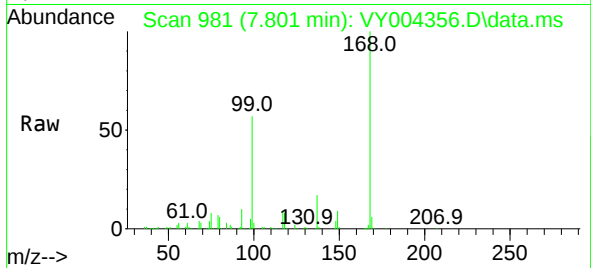




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

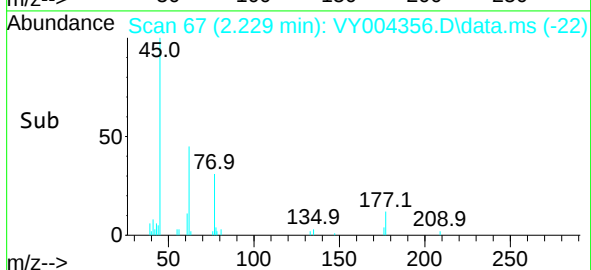
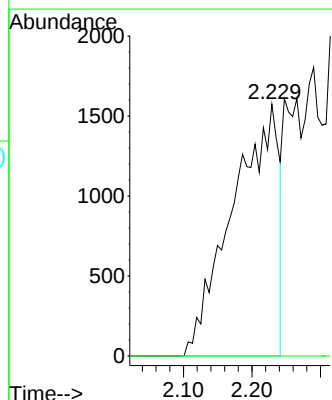
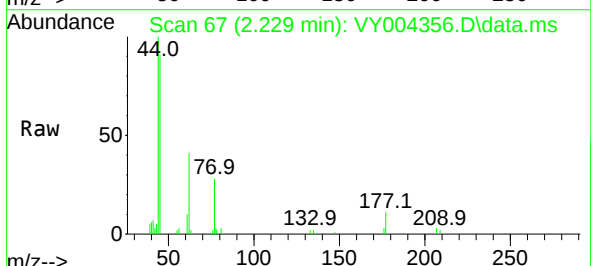
Instrument :
MSVOA_Y
ClientSampled :
S-8

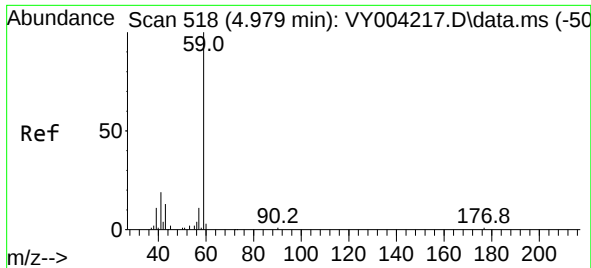
Tgt Ion:168 Resp: 165972
Ion Ratio Lower Upper
168 100
99 56.7 42.6 64.0



#4
Vinyl Chloride
Concen: 3.40 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.025 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

Tgt Ion: 62 Resp: 7346
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

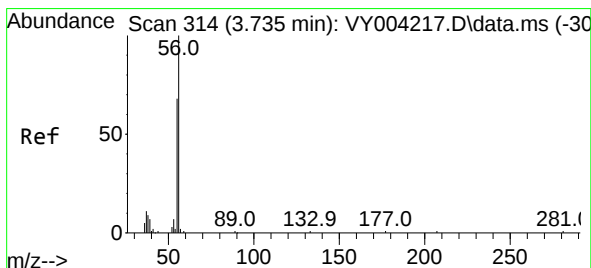
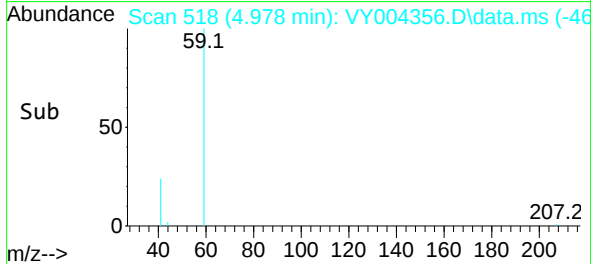
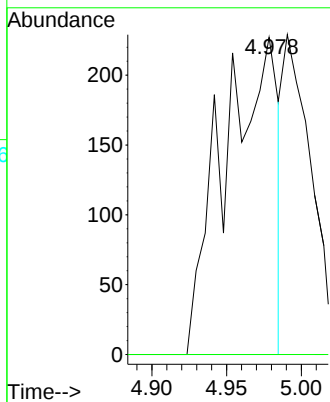
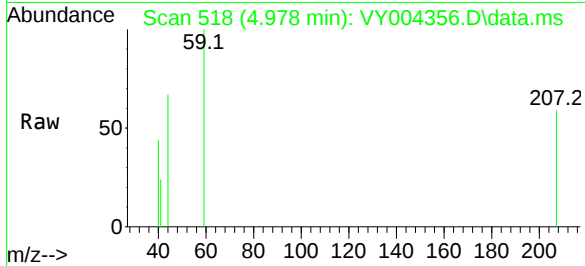




#11
Tert butyl alcohol
Concen: 4.37 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

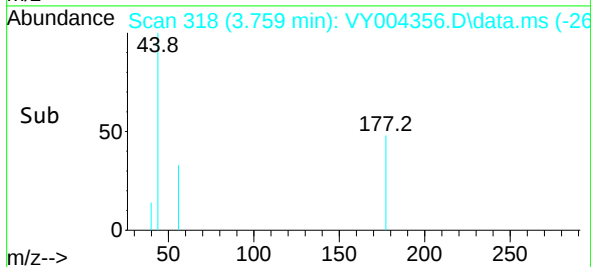
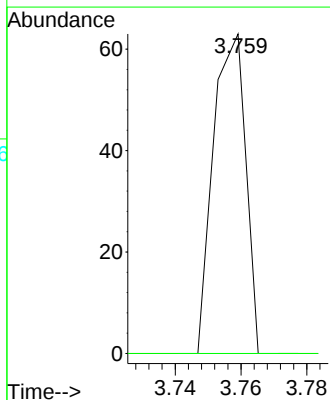
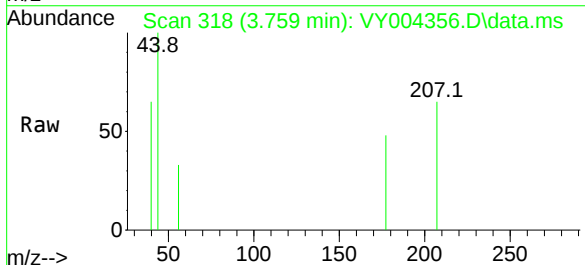
Instrument :
MSVOA_Y
ClientSampled :
S-8

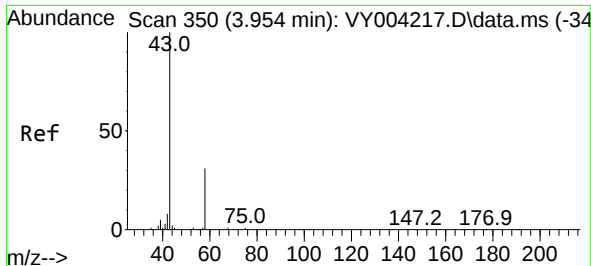
Tgt Ion: 59 Resp: 568
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: Below Cal
RT: 3.759 min Scan# 318
Delta R.T. 0.024 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.4#

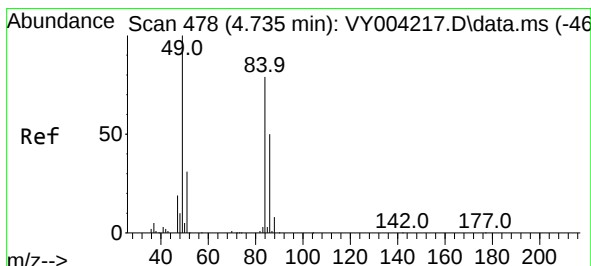
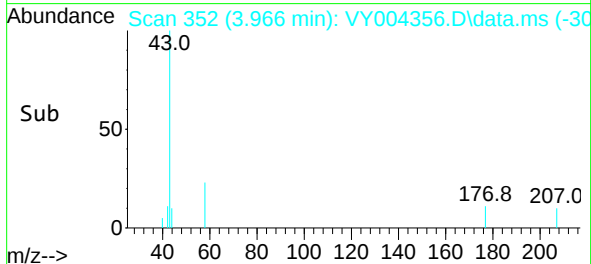
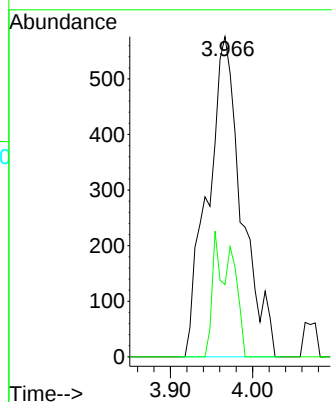
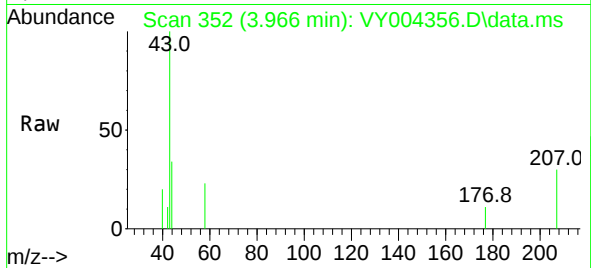




#16
Acetone
Concen: 4.97 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

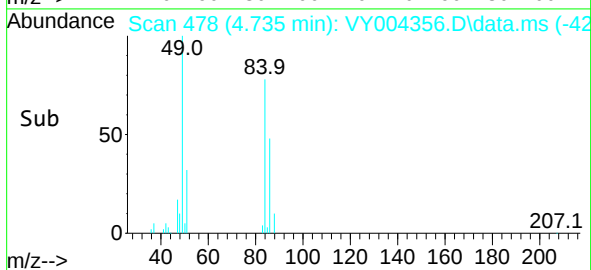
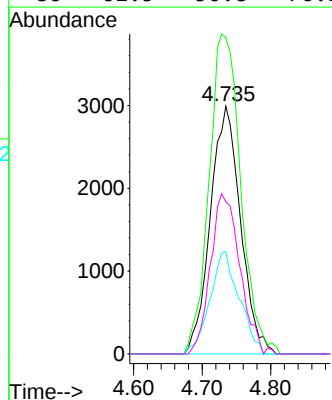
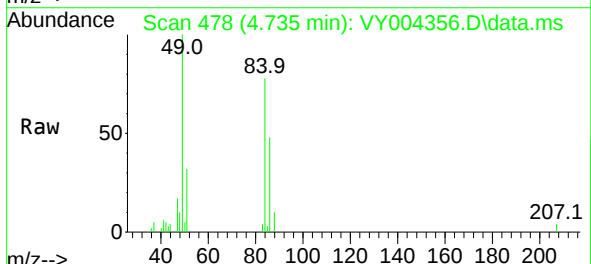
Instrument :
MSVOA_Y
ClientSampled :
S-8

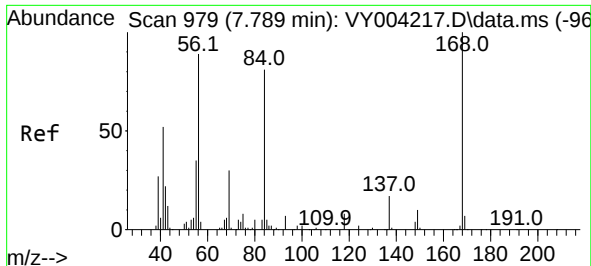
Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
58 22.6 24.5 36.7#



#20
Methylene Chloride
Concen: 3.26 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

Tgt Ion: 84 Resp: 9146
Ion Ratio Lower Upper
84 100
49 127.7 101.5 152.3
51 41.3 31.5 47.3
86 61.5 50.8 76.2

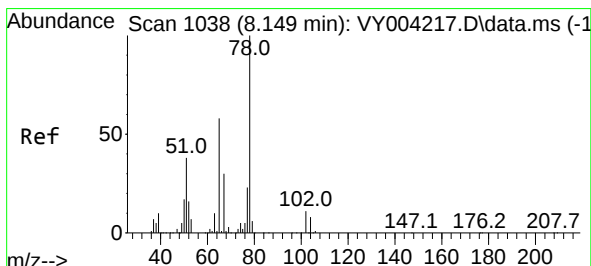
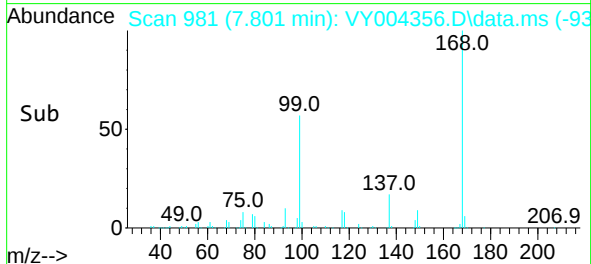
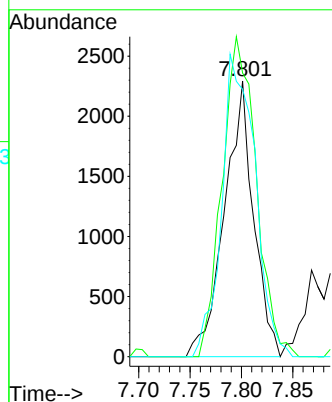
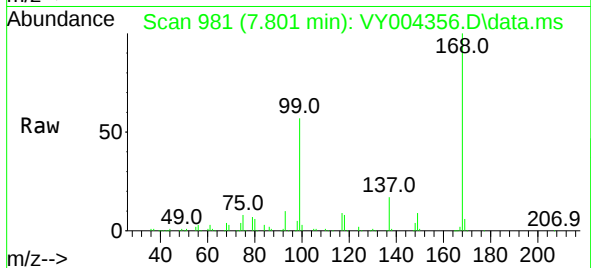




#31
Cyclohexane
Concen: 1.60 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

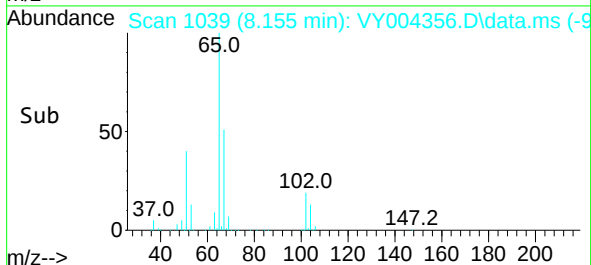
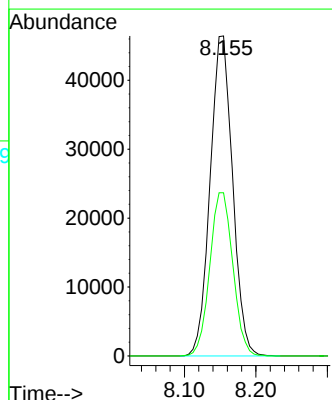
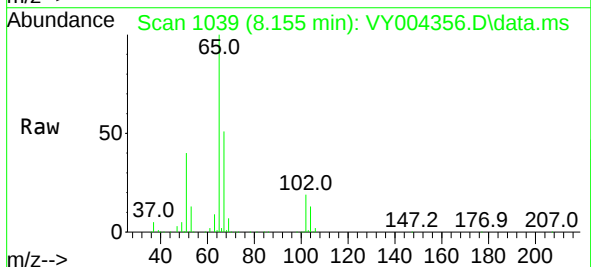
Instrument :
MSVOA_Y
ClientSampled :
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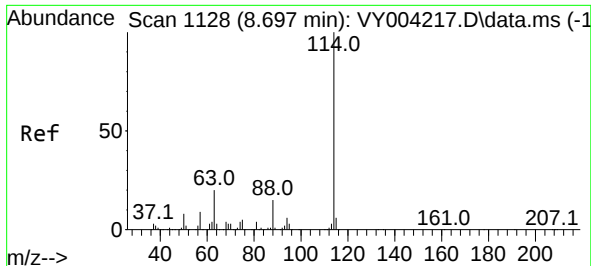
Tgt Ion: 56 Resp: 4509
Ion Ratio Lower Upper
56 100
69 102.9 26.6 40.0#
84 96.9 72.3 108.5



#33
1,2-Dichloroethane-d4
Concen: 63.52 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

Tgt Ion: 65 Resp: 101354
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.2

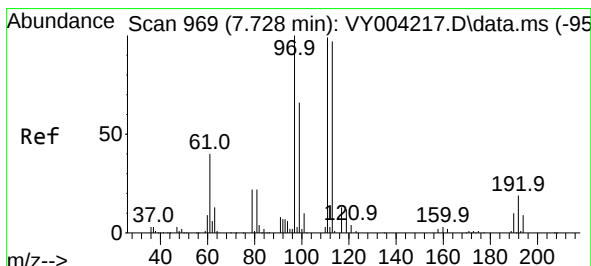
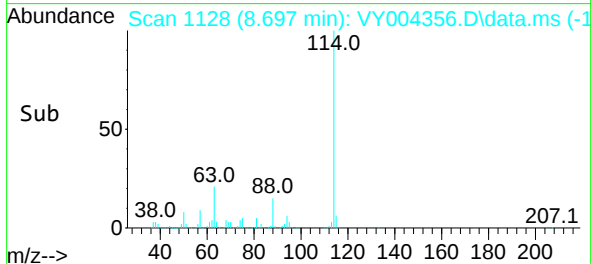
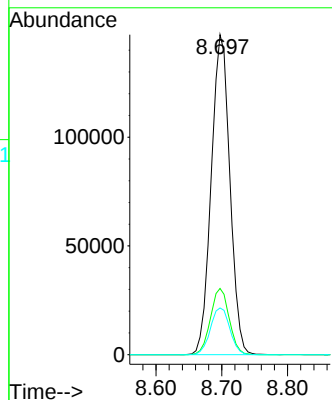
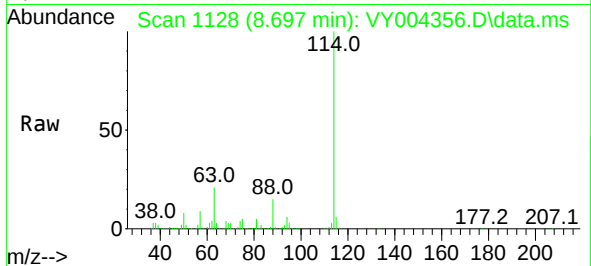




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

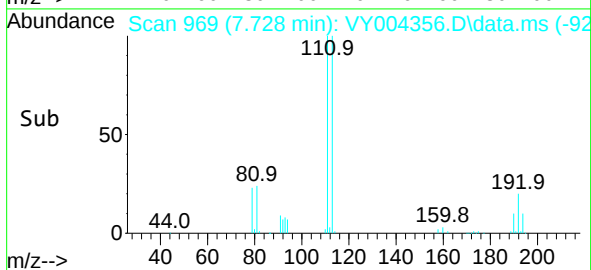
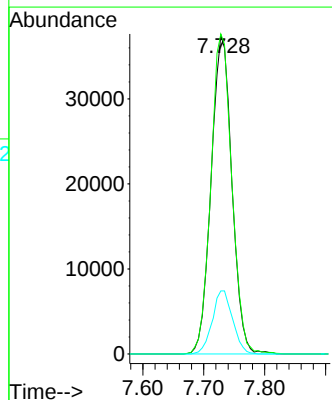
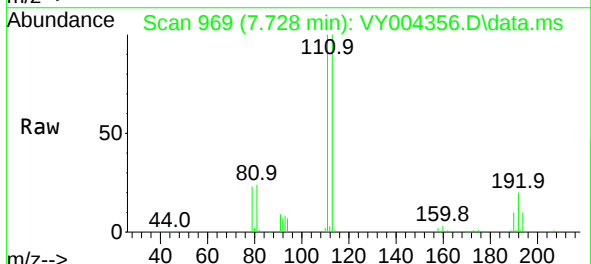
Instrument :
MSVOA_Y
ClientSampleId :
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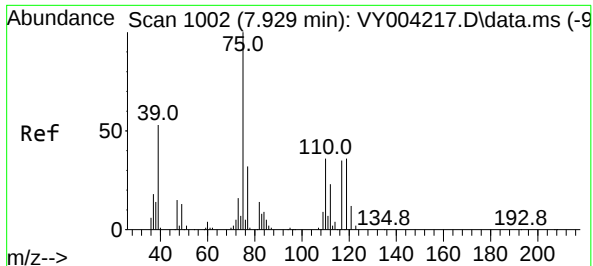
Tgt Ion:	114	Resp:	289952
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	40.4
88	14.6	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.86 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

Tgt Ion:	113	Resp:	88624
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.6	124.0
192	19.4	16.4	24.6





#36

1,1-Dichloropropene

Concen: 4.95 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY004356.D

Acq: 09 Apr 2021 14:36

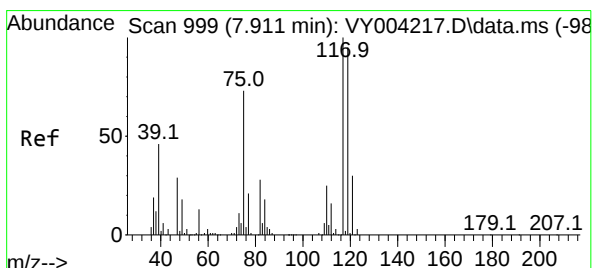
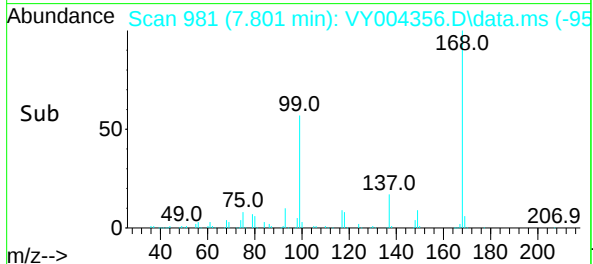
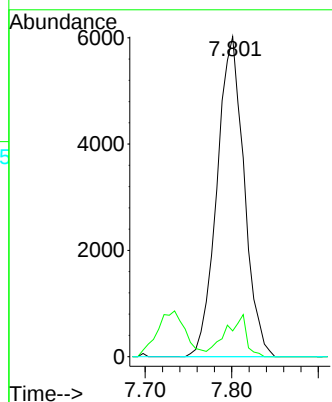
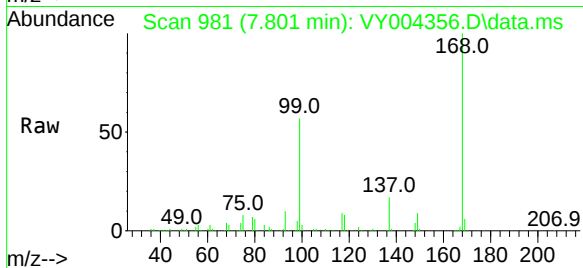
Instrument :

MSVOA_Y

ClientSampled :

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Tgt Ion: 75	Resp: 13090
Ion Ratio	Lower Upper
75 100	
110 10.1	18.1 54.3#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.10 ug/l

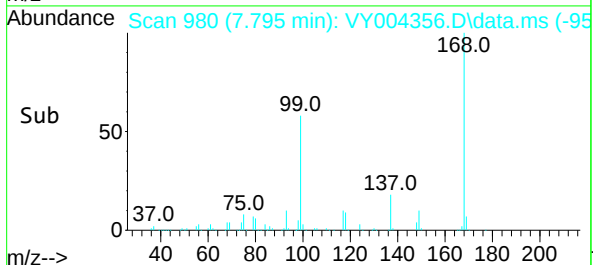
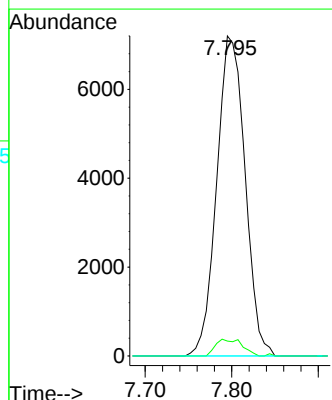
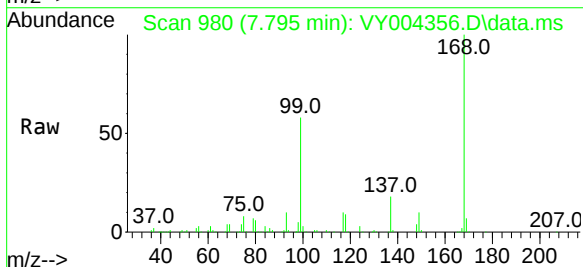
RT: 7.795 min Scan# 980

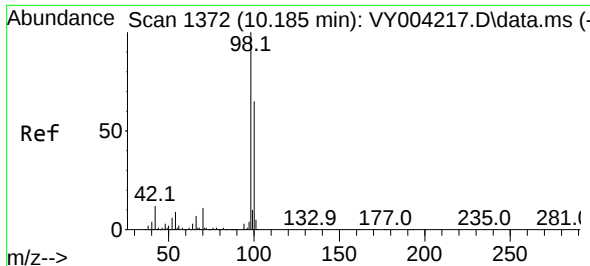
Delta R.T. -0.116 min

Lab File: VY004356.D

Acq: 09 Apr 2021 14:36

Tgt Ion: 117	Resp: 16349
Ion Ratio	Lower Upper
117 100	
119 4.7	75.6 113.4#
121 0.0	24.3 36.5#

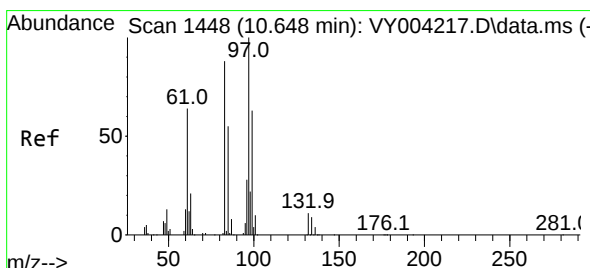
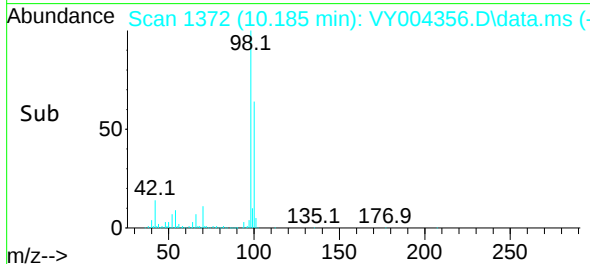
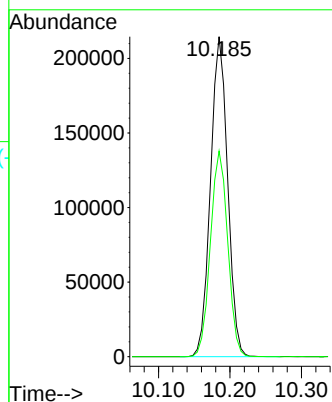
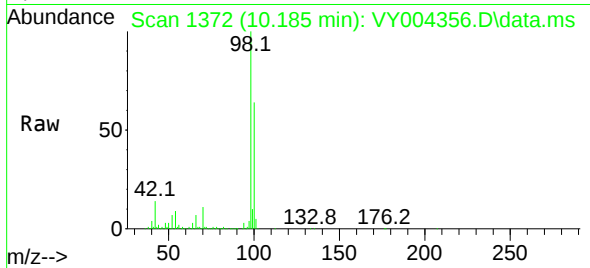




#50
Toluene-d8
Concen: 58.71 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

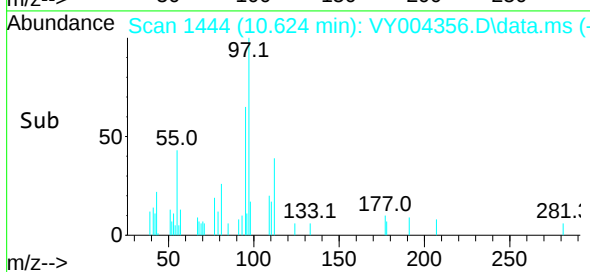
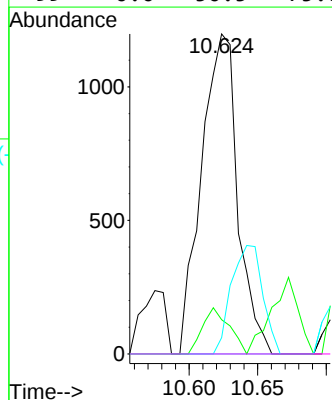
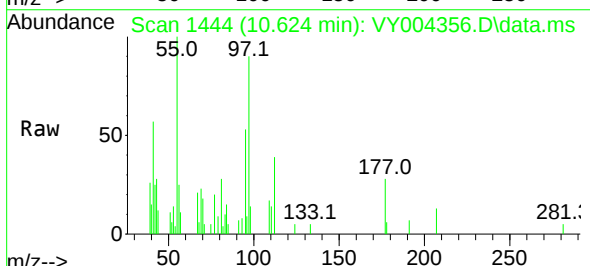
Instrument :
MSVOA_Y
ClientSampled :
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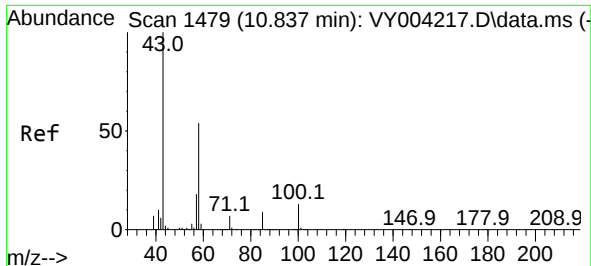
Tgt Ion: 98 Resp: 356753
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#55
1,1,2-Trichloroethane
Concen: 1.48 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.025 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

Tgt Ion: 97 Resp: 2204
Ion Ratio Lower Upper
97 100
83 10.7 70.6 105.8#
85 5.1 44.2 66.4#
99 0.0 50.5 75.7#

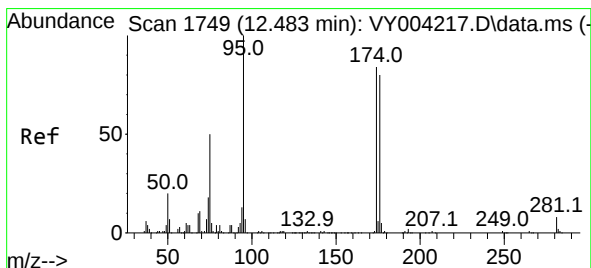
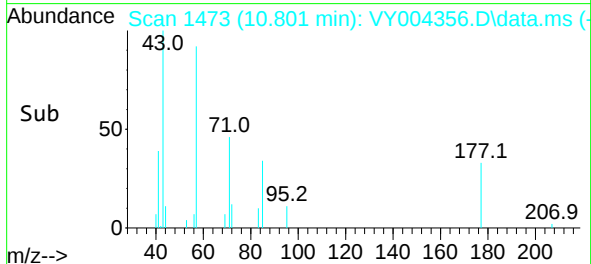
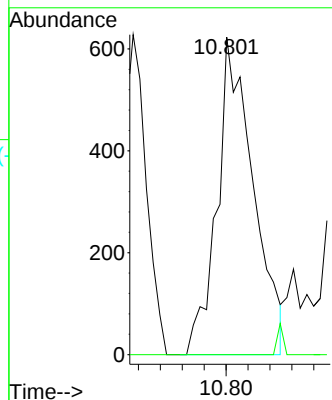
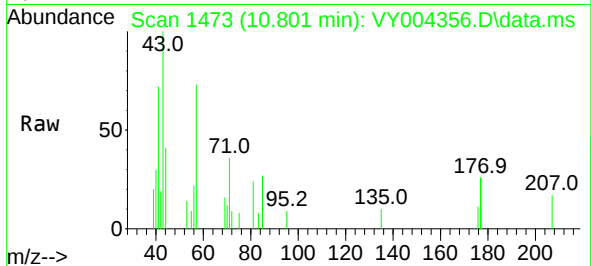




#59
2-Hexanone
Concen: 1.38 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.037 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

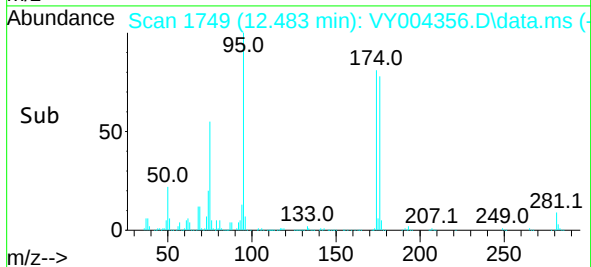
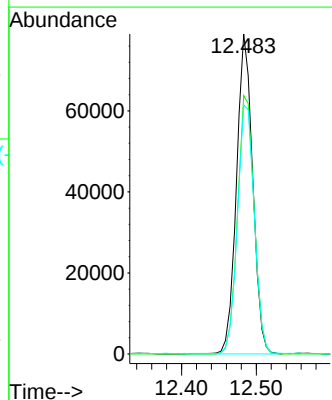
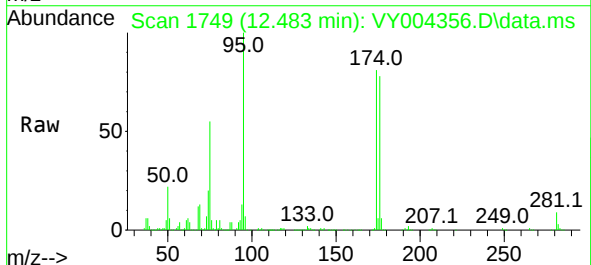
Instrument :
MSVOA_Y
ClientSampled :
S-8

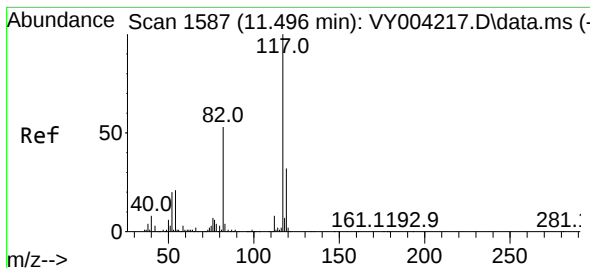
Tgt Ion: 43 Resp: 1424
Ion Ratio Lower Upper
43 100
58 0.0 26.7 80.1#



#62
4-Bromofluorobenzene
Concen: 57.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

Tgt Ion: 95 Resp: 118959
Ion Ratio Lower Upper
95 100
174 82.9 0.0 171.4
176 80.7 0.0 165.6

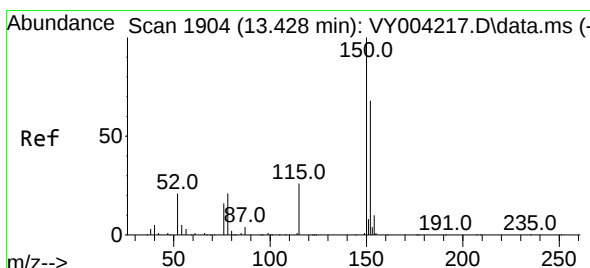
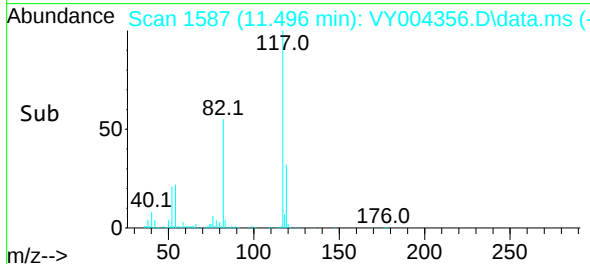
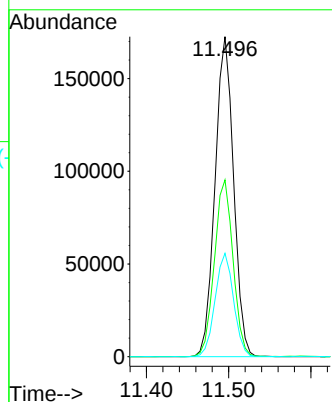
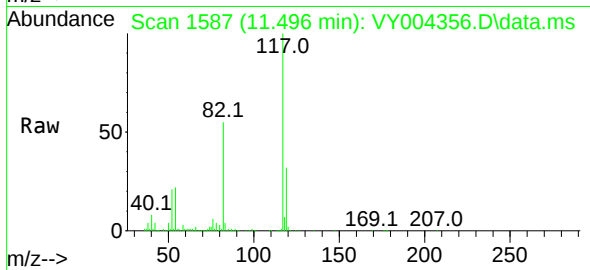




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

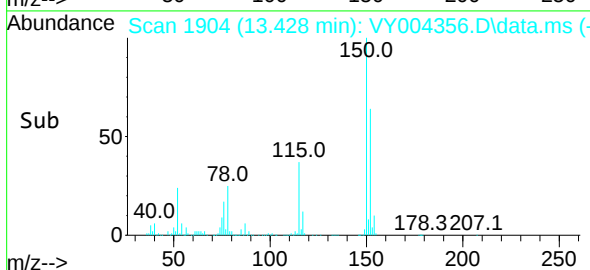
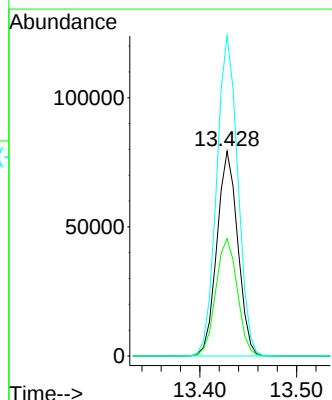
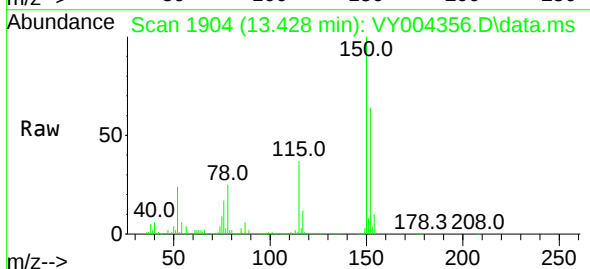
Instrument :
MSVOA_Y
ClientSampled :
S-8

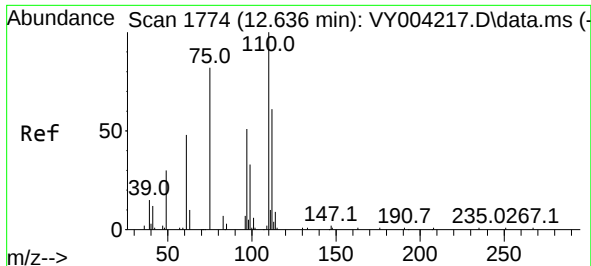
Tgt Ion:	117	Resp:	271077
Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.7	64.1
119	32.3	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

Tgt Ion:	152	Resp:	118357
Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.0	87.1
150	159.0	0.0	347.4

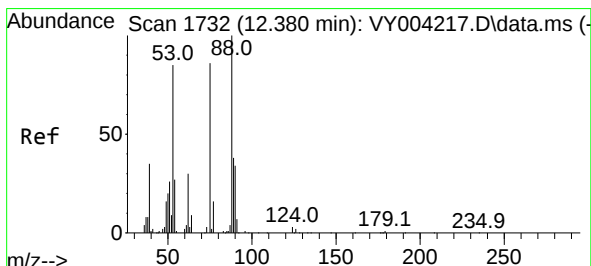
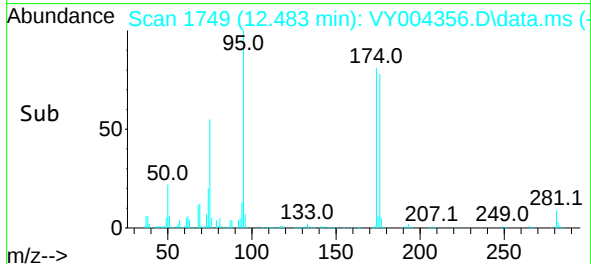
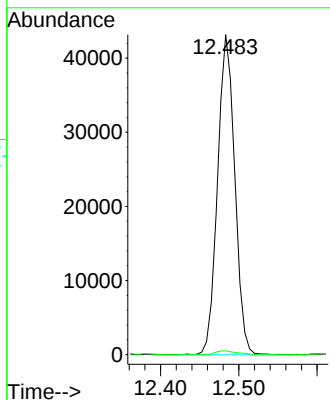
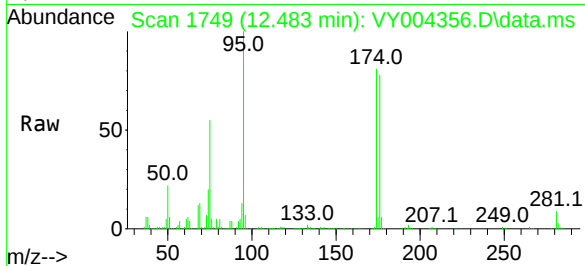




#76
1,2,3-Trichloropropane
Concen: 61.42 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

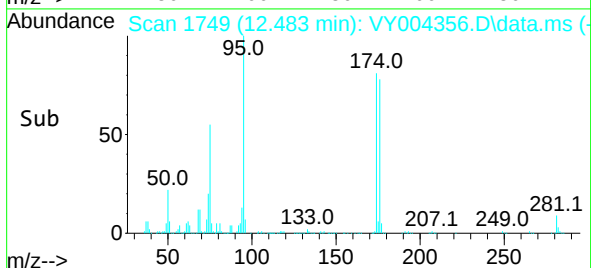
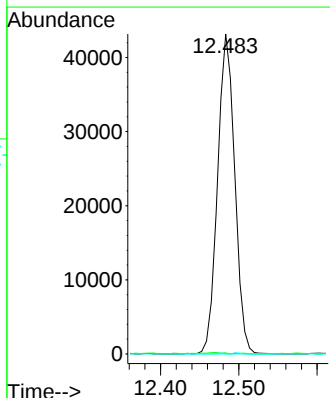
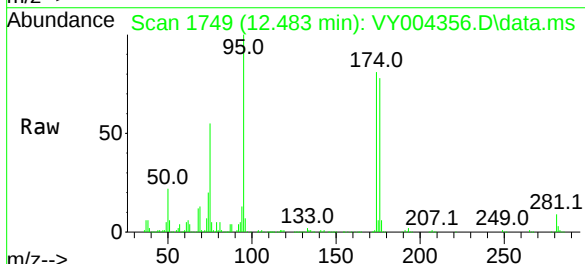
Instrument :
MSVOA_Y
ClientSampled :
S-8

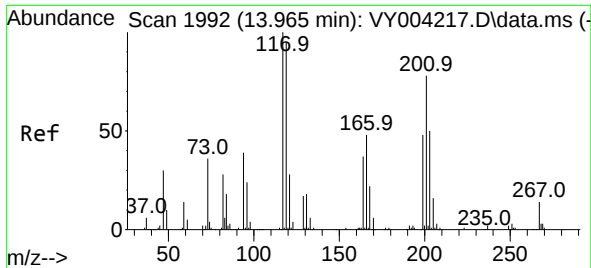
Tgt Ion: 75 Resp: 66006
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.19 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004356.D
Acq: 09 Apr 2021 14:36

Tgt Ion: 75 Resp: 66006
Ion Ratio Lower Upper
75 100
53 0.6 79.3 118.9#
89 0.1 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.37 ug/l
 RT: 13.971 min Scan# 1993
 Delta R.T. 0.006 min
 Lab File: VY004356.D
 Acq: 09 Apr 2021 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:117 Resp: 68
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

