

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004337.D
 Acq On : 08 Apr 2021 15:55
 Operator : SY/MD
 Sample : M1947-01
 Misc : 5.30G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 09 03:17:22 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)

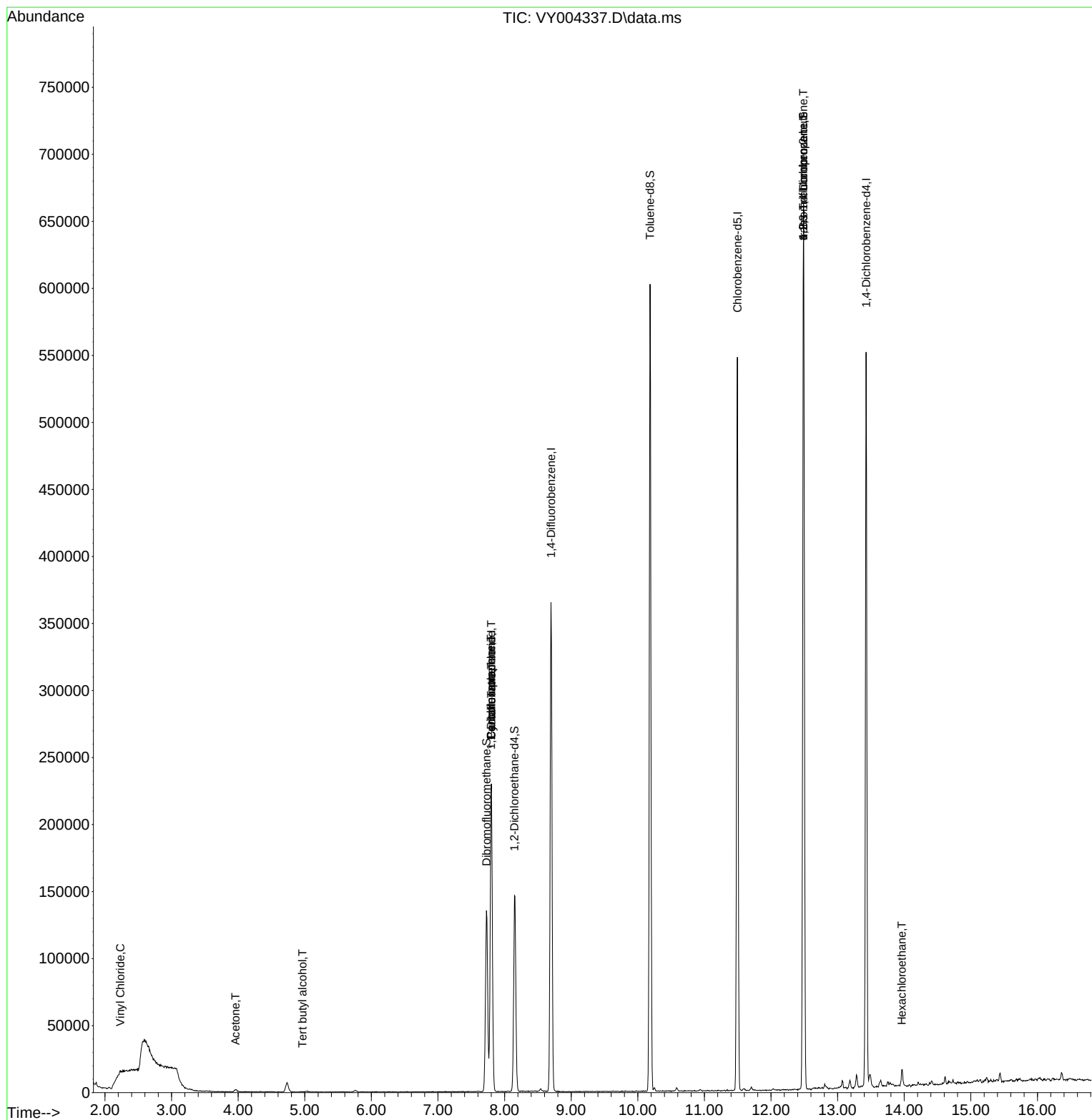
Internal Standards						
1) Pentafluorobenzene	7.801	168	175230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	301146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	282259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	114047	67.70	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.40%
35) Dibromofluoromethane	7.728	113	92150	54.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.84%
50) Toluene-d8	10.185	98	369350	58.52	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.04%
62) 4-Bromofluorobenzene	12.483	95	129654	59.94	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.88%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.229	62	8142	3.57	ug/l #	42
11) Tert butyl alcohol	4.966	59	479	3.49	ug/l #	71
16) Acetone	3.960	43	3046	8.68	ug/l	93
31) Cyclohexane	7.801	56	4051	1.36	ug/l #	34
36) 1,1-Dichloropropene	7.795	75	13857	5.04	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17487	7.31	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	74226	63.10	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74226	116.30	ug/l #	10
90) Hexachloroethane	13.965	117	50	7.34	ug/l #	12

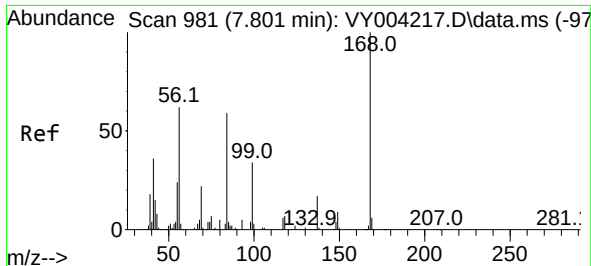
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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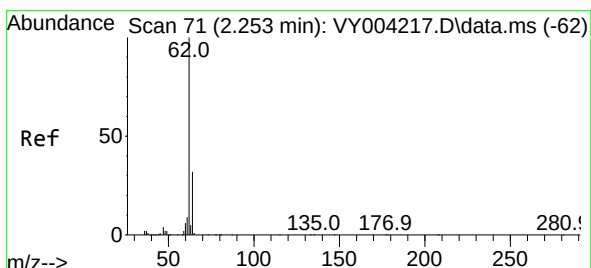
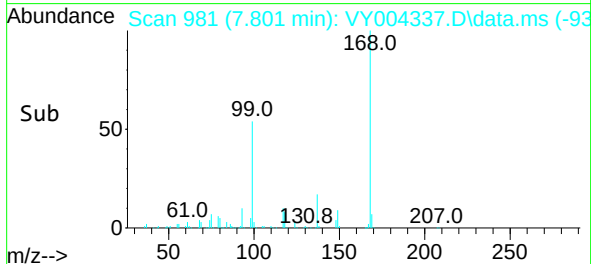
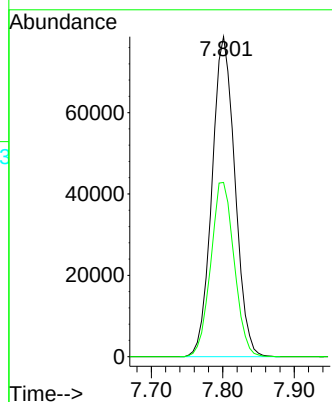
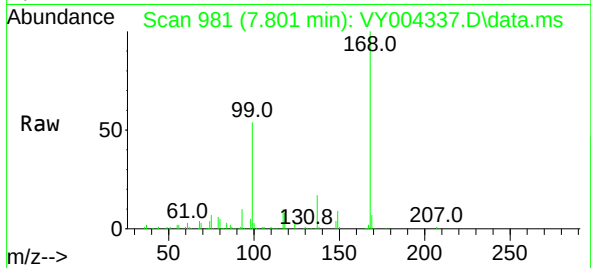




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

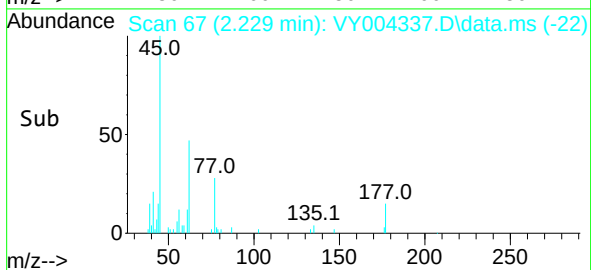
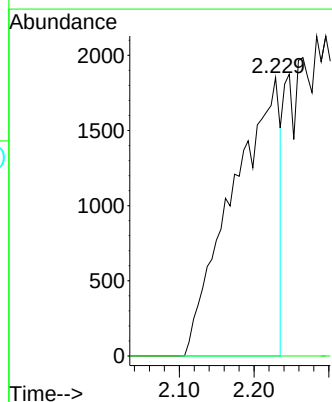
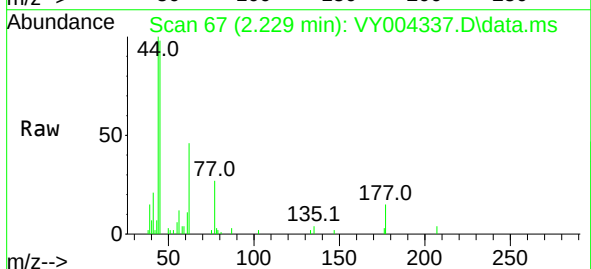
Instrument :
MSVOA_Y
ClientSampled :

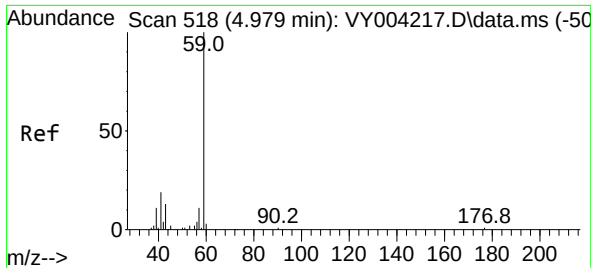
Tgt Ion:168 Resp: 175230
Ion Ratio Lower Upper
168 100
99 54.5 42.6 64.0



#4
Vinyl Chloride
Concen: 3.57 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.025 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

Tgt Ion: 62 Resp: 8142
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



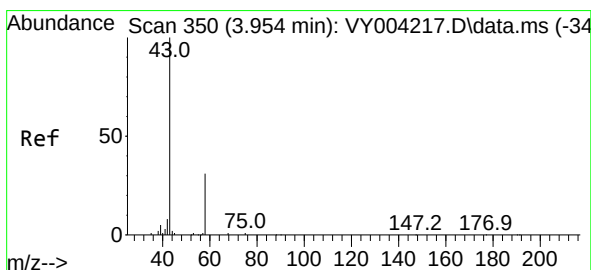
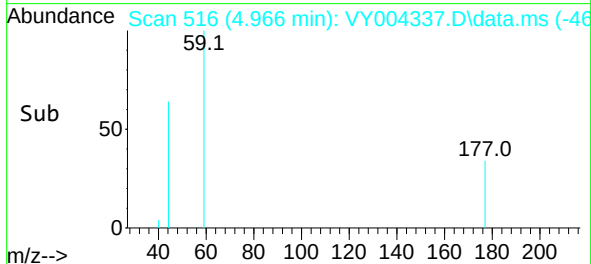
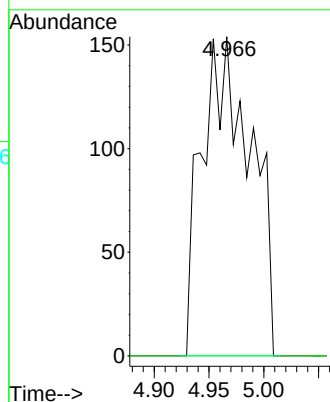
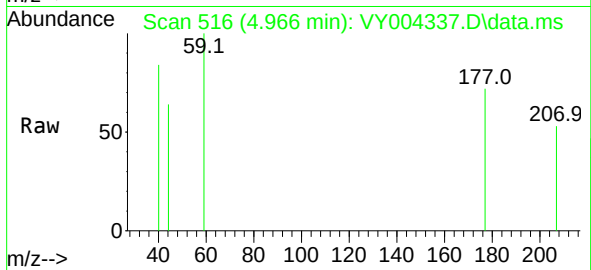


#11

Tert butyl alcohol
Concen: 3.49 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

Instrument :
MSVOA_Y
ClientSampled :

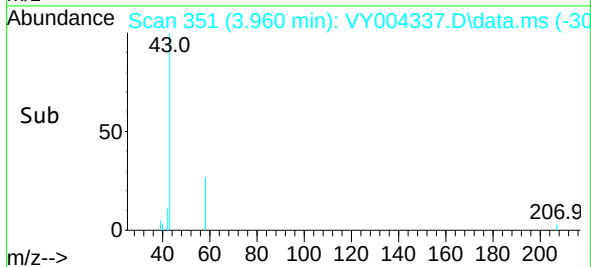
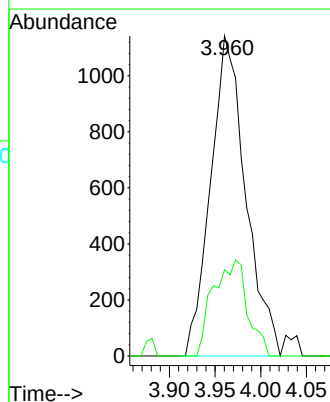
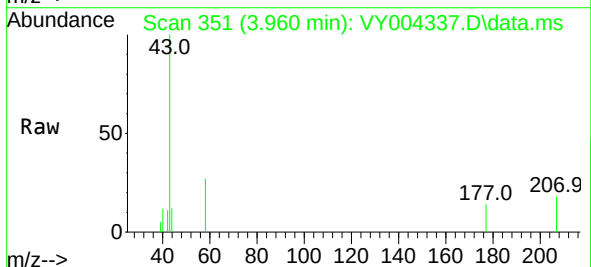
Tgt Ion: 59 Resp: 479
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

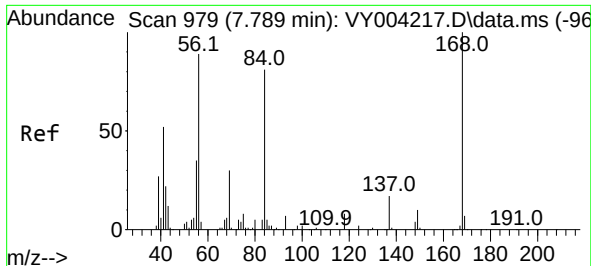


#16

Acetone
Concen: 8.68 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

Tgt Ion: 43 Resp: 3046
Ion Ratio Lower Upper
43 100
58 27.0 24.5 36.7

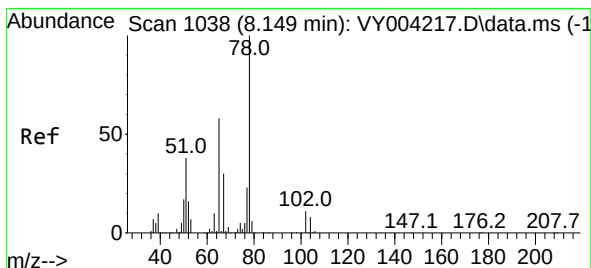
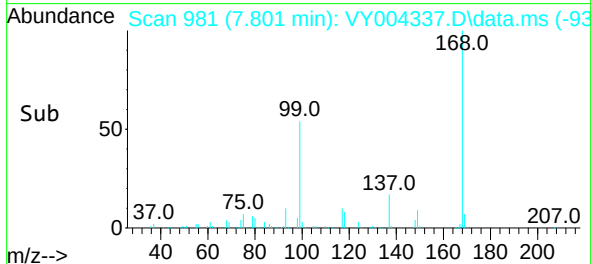
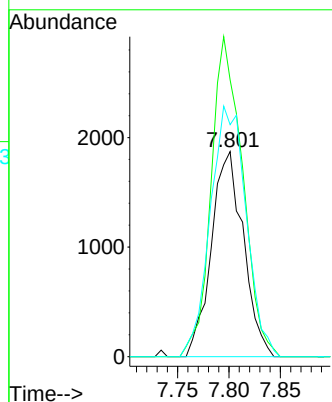
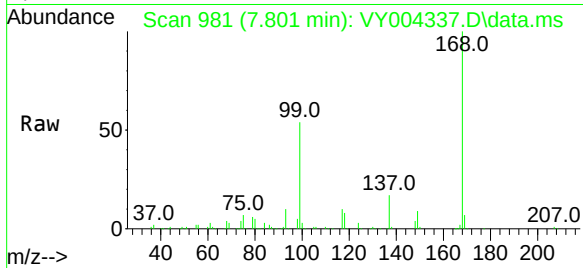




#31
Cyclohexane
Concen: 1.36 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

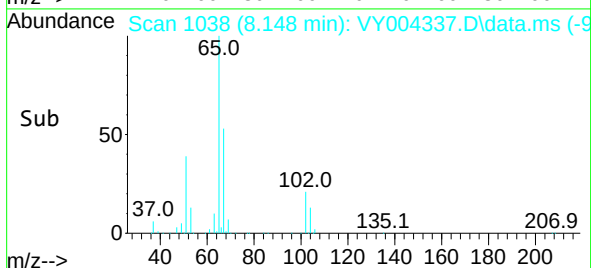
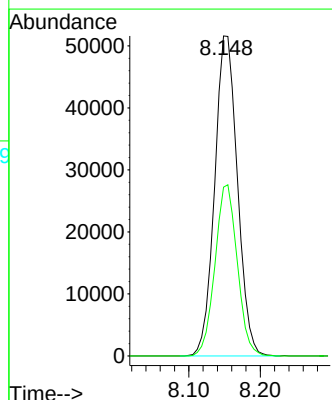
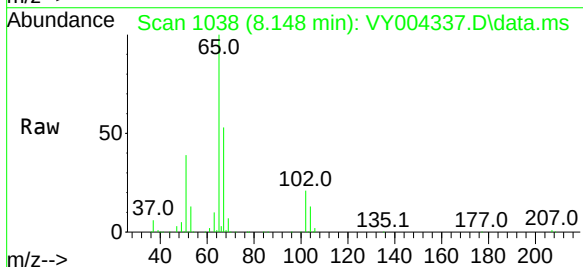
Instrument :
MSVOA_Y
ClientSampleId :

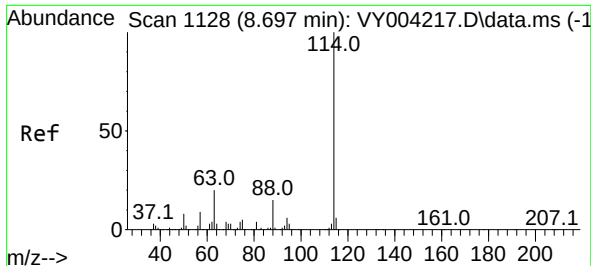
Tgt Ion: 56 Resp: 4051
Ion Ratio Lower Upper
56 100
69 134.9 26.6 40.0#
84 113.1 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 67.70 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

Tgt Ion: 65 Resp: 114047
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.2

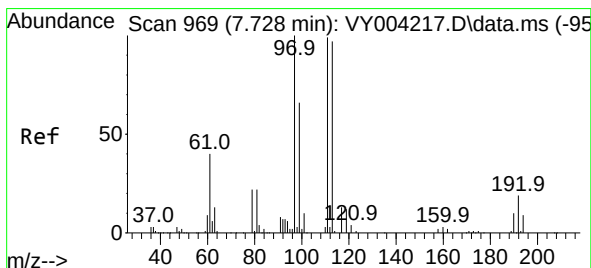
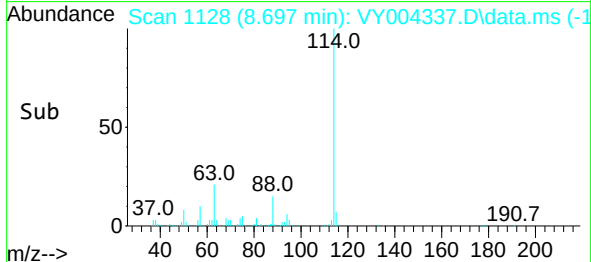
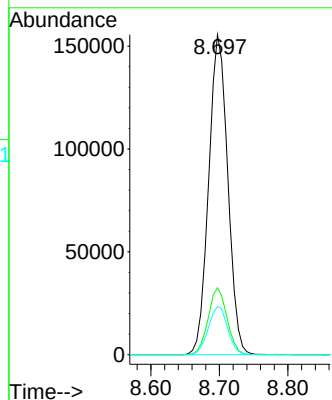
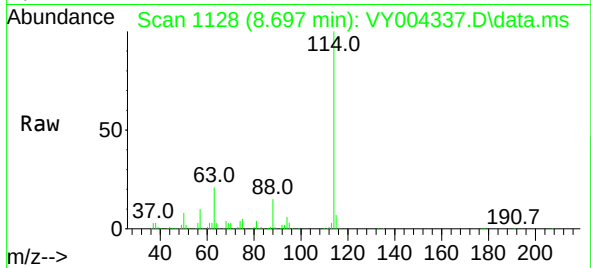




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

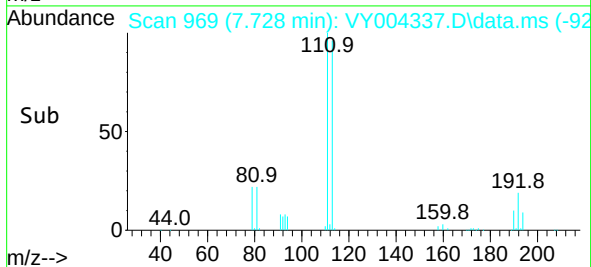
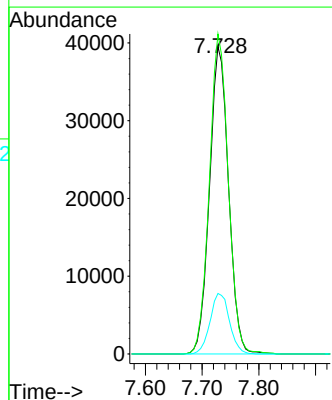
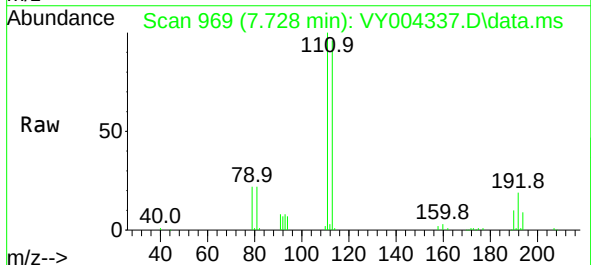
Instrument :
MSVOA_Y
ClientSampleId :

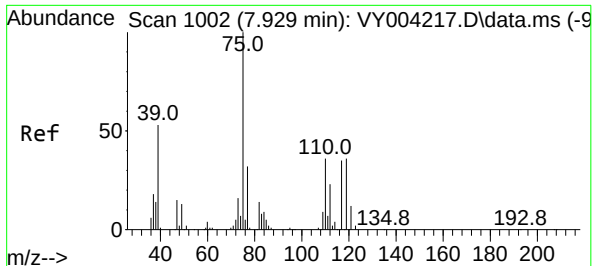
Tgt Ion:114 Resp: 301146
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.4
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.92 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

Tgt Ion:113 Resp: 92150
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 20.0 16.4 24.6

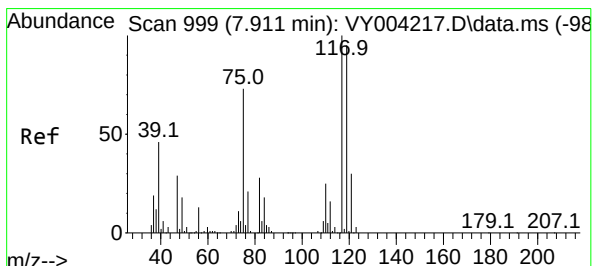
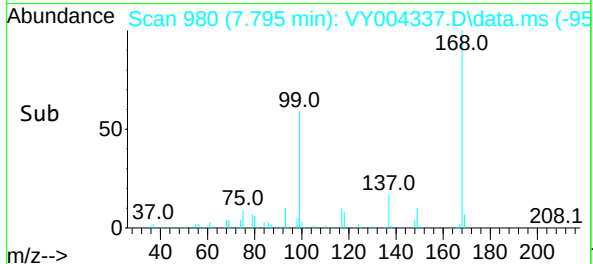
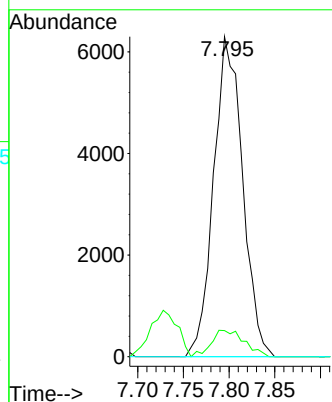
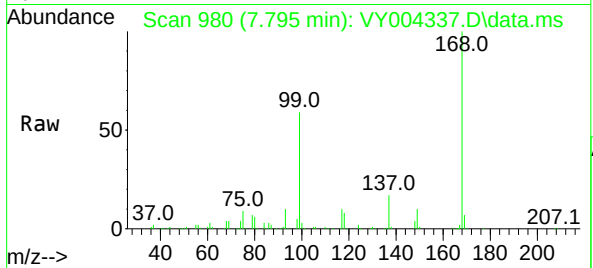




#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

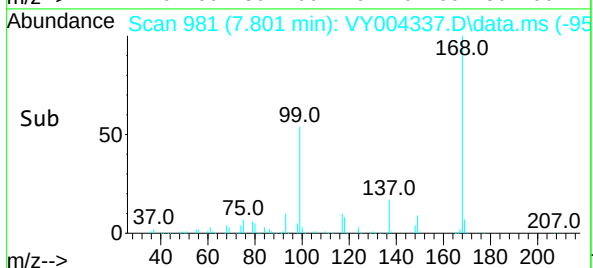
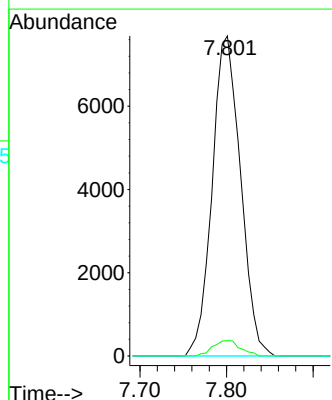
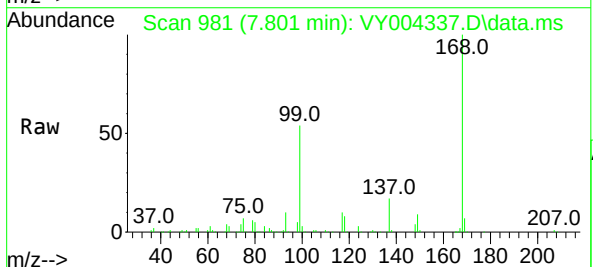
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MSVOA_Y
ClientSampleId :

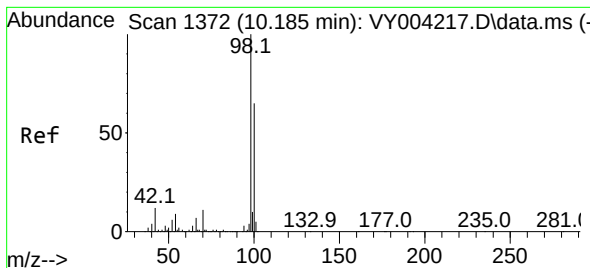
Tgt Ion: 75 Resp: 13857
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.3#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 7.31 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

Tgt Ion: 117 Resp: 17487
Ion Ratio Lower Upper
117 100
119 4.8 75.6 113.4#
121 0.0 24.3 36.5#

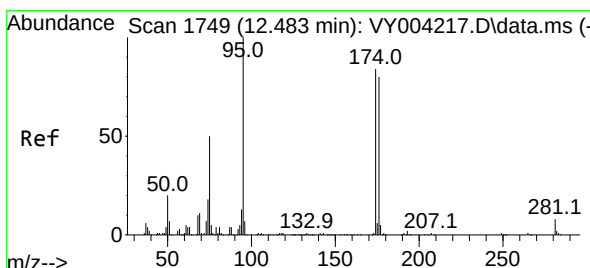
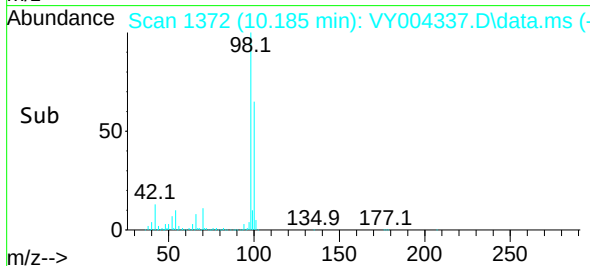
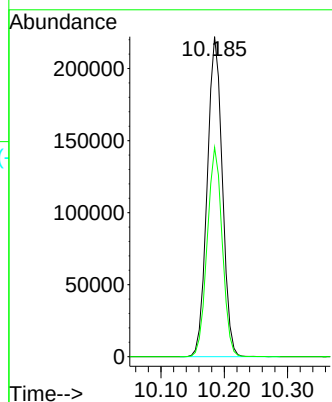
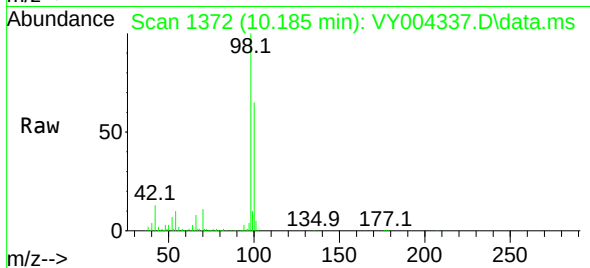




#50
Toluene-d8
Concen: 58.52 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

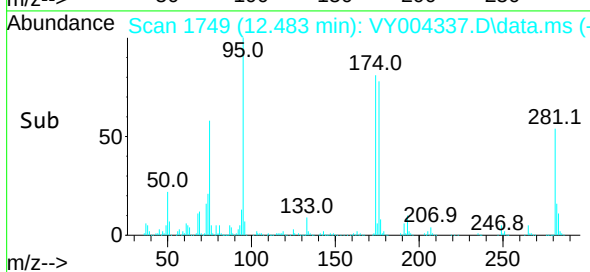
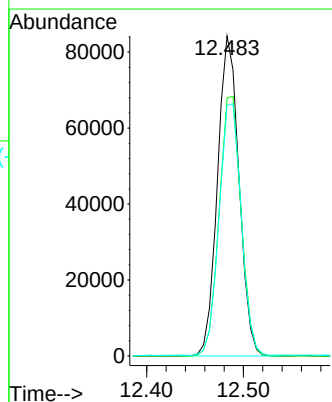
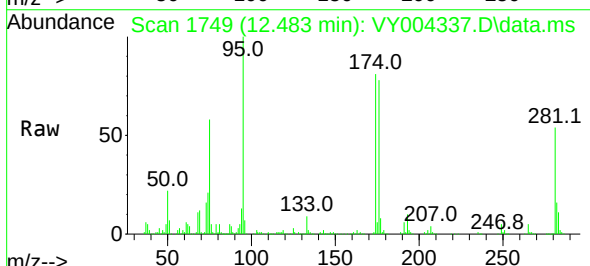
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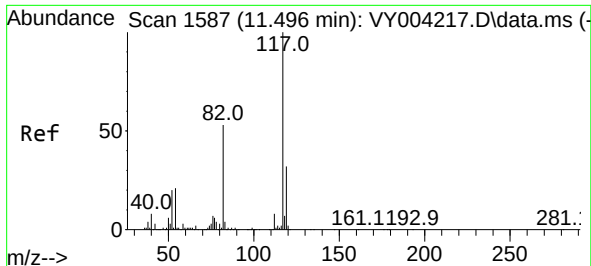
Tgt Ion: 98 Resp: 369350
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 59.94 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

Tgt Ion: 95 Resp: 129654
Ion Ratio Lower Upper
95 100
174 83.0 0.0 171.4
176 81.3 0.0 165.6

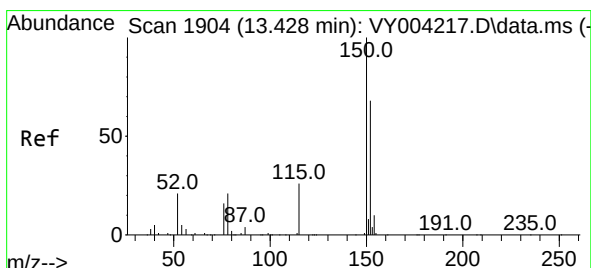
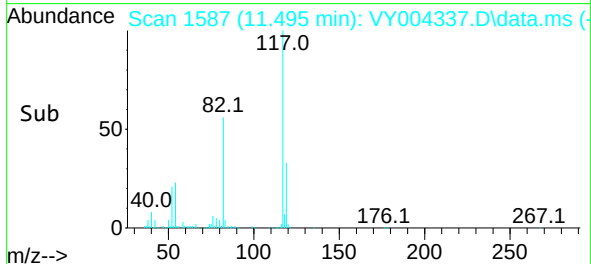
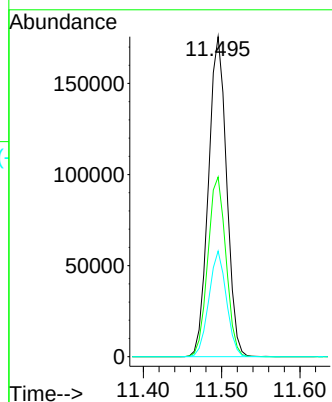
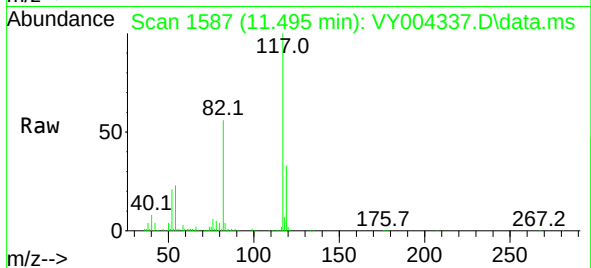




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

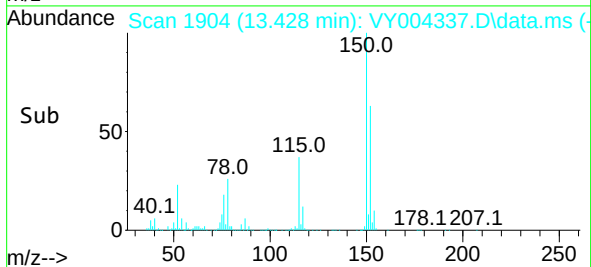
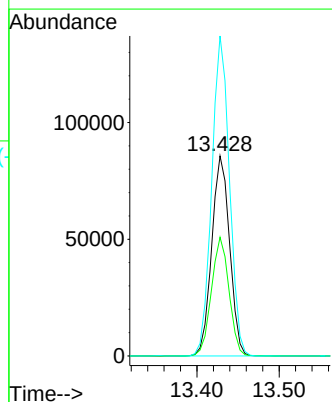
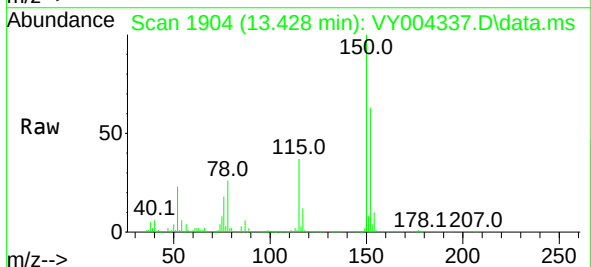
Instrument :
MSVOA_Y
ClientSampleId :

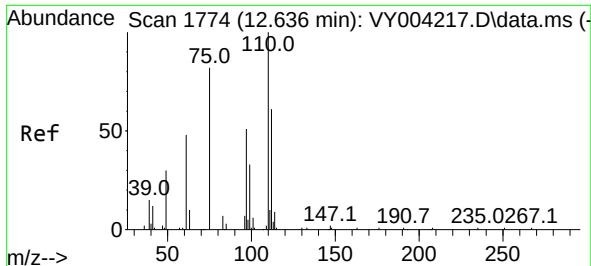
Tgt Ion:117 Resp: 282259
Ion Ratio Lower Upper
117 100
82 56.1 42.7 64.1
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

Tgt Ion:152 Resp: 129541
Ion Ratio Lower Upper
152 100
115 58.4 29.0 87.1
150 158.1 0.0 347.4

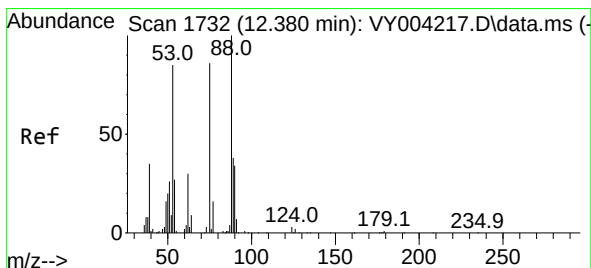
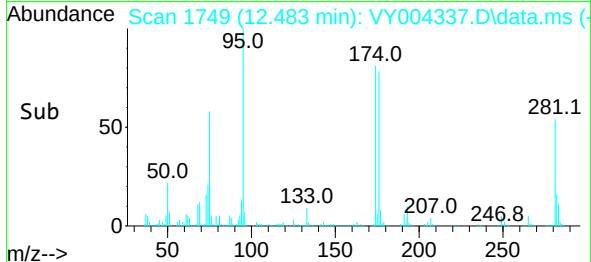
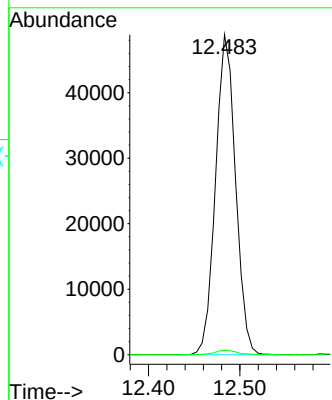
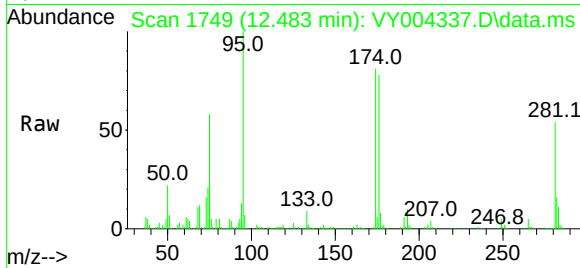




#76
1,2,3-Trichloropropane
Concen: 63.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

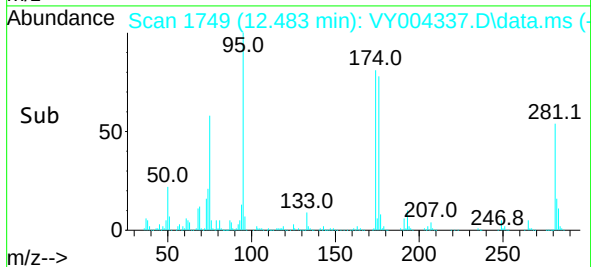
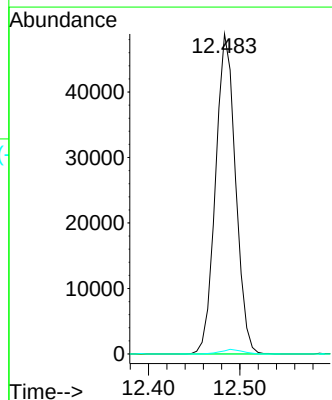
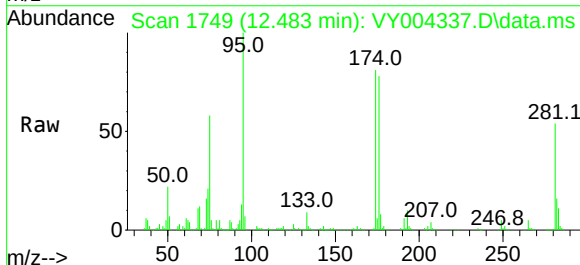
Instrument :
MSVOA_Y
ClientSampled :

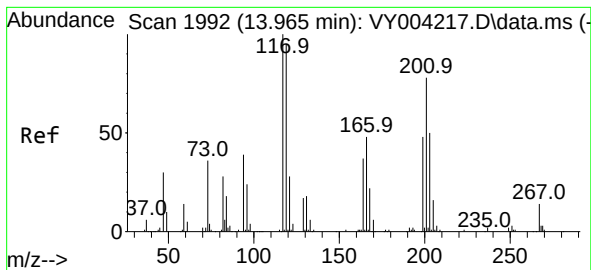
Tgt Ion: 75 Resp: 74226
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004337.D
Acq: 08 Apr 2021 15:55

Tgt Ion: 75 Resp: 74226
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 1.5 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.34 ug/l
 RT: 13.965 min Scan# 1992
 Delta R.T. -0.000 min
 Lab File: VY004337.D
 Acq: 08 Apr 2021 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:117 Resp: 50
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

