

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004339.D
 Acq On : 08 Apr 2021 16:42
 Operator : SY/MD
 Sample : M1947-03
 Misc : 5.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 09 03:17:49 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)

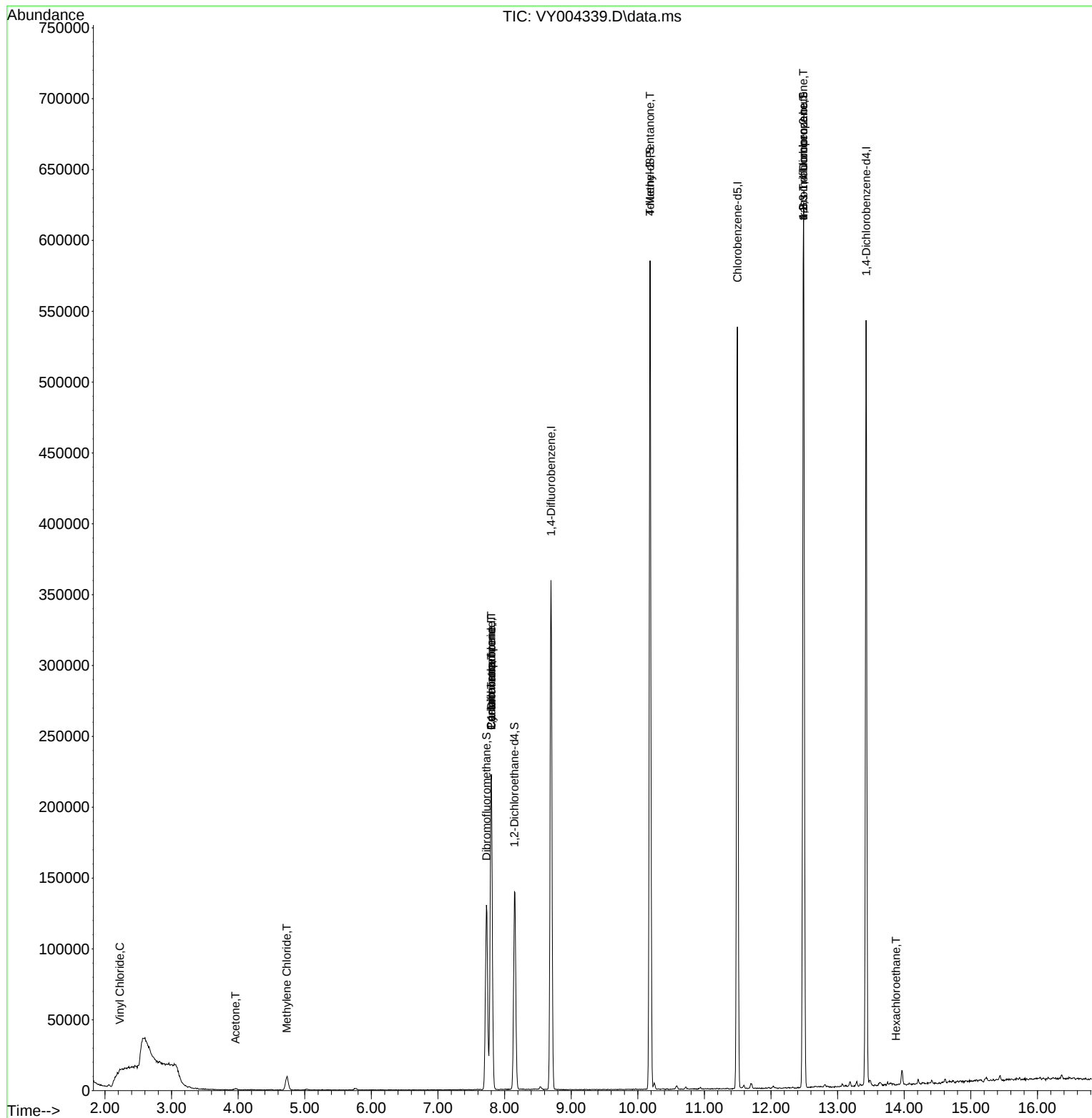
Internal Standards						
1) Pentafluorobenzene	7.801	168	172791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	295267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	275266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127731	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	109695	66.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.08%
35) Dibromofluoromethane	7.728	113	90484	55.00	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.00%
50) Toluene-d8	10.185	98	362316	58.55	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.10%
62) 4-Bromofluorobenzene	12.483	95	126217	59.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.04%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.223	62	7826	3.48	ug/l #	42
16) Acetone	3.960	43	1782	5.15	ug/l	99
20) Methylene Chloride	4.729	84	6493	1.38	ug/l	92
31) Cyclohexane	7.801	56	4045	1.38	ug/l #	37
36) 1,1-Dichloropropene	7.801	75	13626	5.06	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17574	7.50	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1809	1.19	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	71441	61.59	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71441	113.52	ug/l #	10
90) Hexachloroethane	13.879	117	24	7.31	ug/l #	12

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

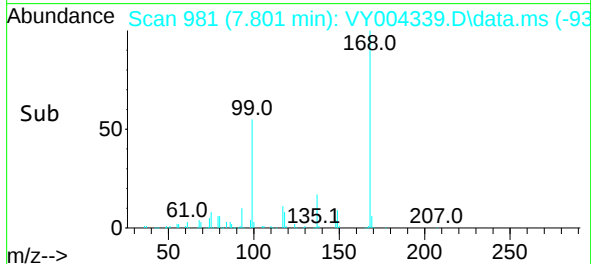
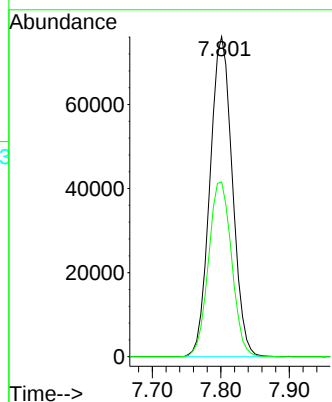
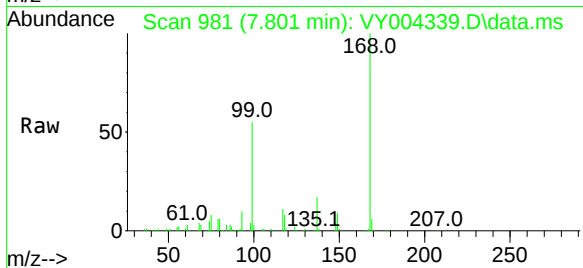




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

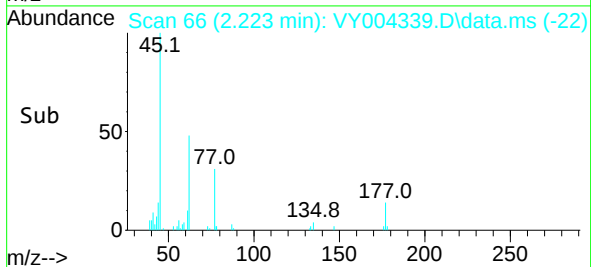
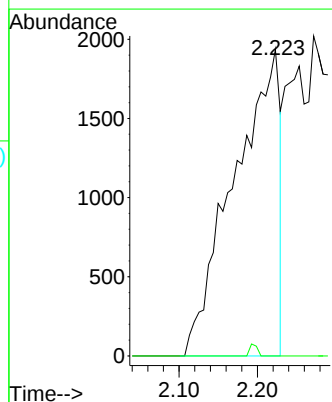
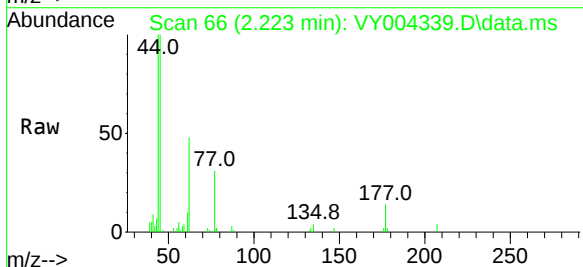
Instrument :
MSVOA_Y
ClientSampled :

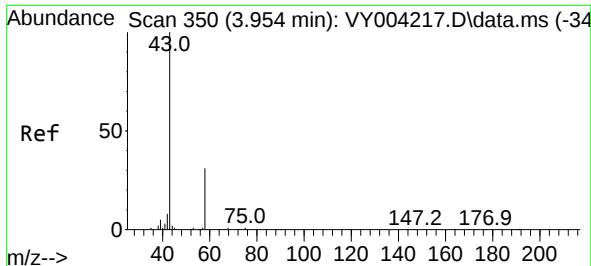
Tgt Ion:168 Resp: 172791
Ion Ratio Lower Upper
168 100
99 54.6 42.6 64.0



#4
Vinyl Chloride
Concen: 3.48 ug/l
RT: 2.223 min Scan# 66
Delta R.T. -0.031 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

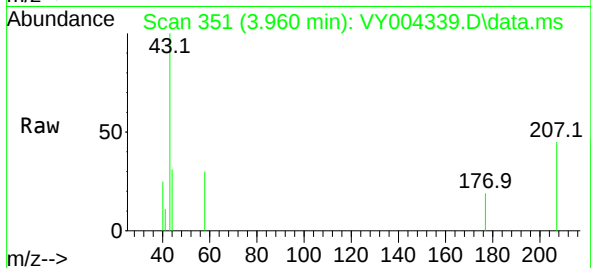
Tgt Ion: 62 Resp: 7826
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



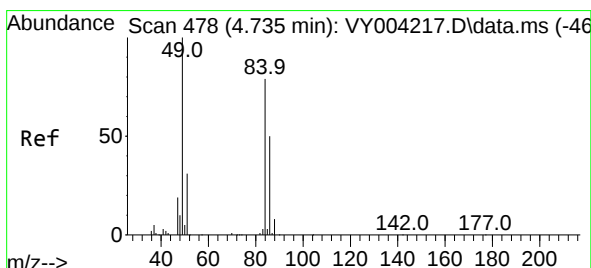
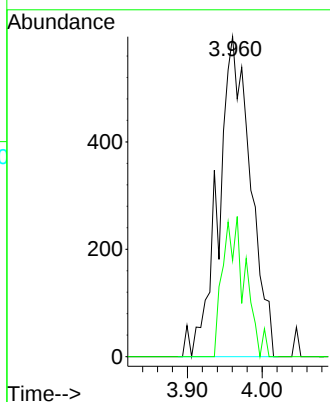
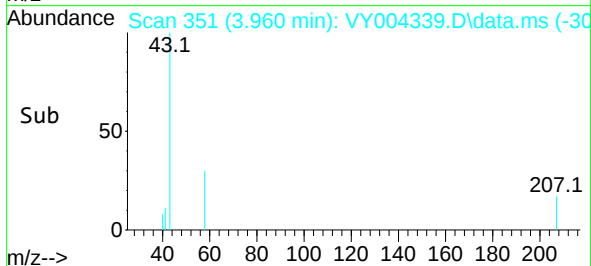


#16
Acetone
Concen: 5.15 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

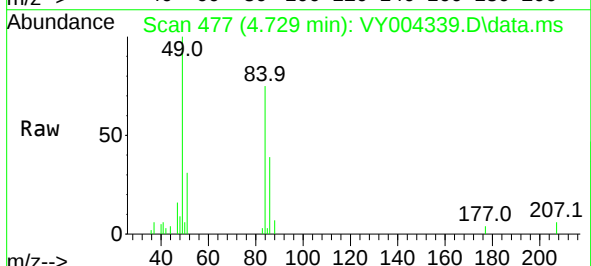
Instrument :
MSVOA_Y
ClientSampled :



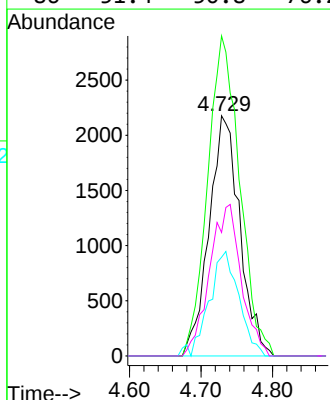
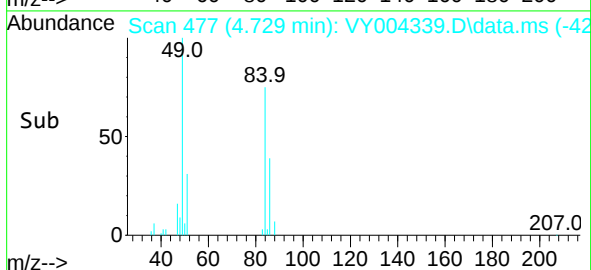
Tgt Ion: 43 Resp: 1782
Ion Ratio Lower Upper
43 100
58 30.0 24.5 36.7

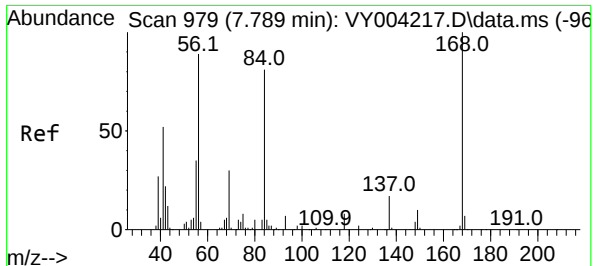


#20
Methylene Chloride
Concen: 1.38 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42



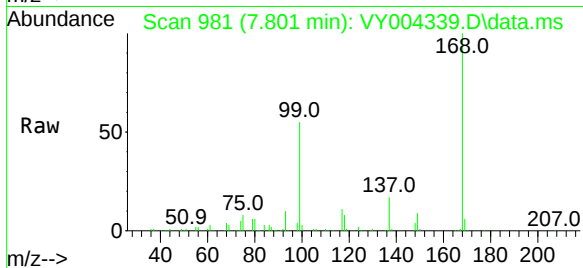
Tgt Ion: 84 Resp: 6493
Ion Ratio Lower Upper
84 100
49 133.2 101.5 152.3
51 41.1 31.5 47.3
86 51.4 50.8 76.2



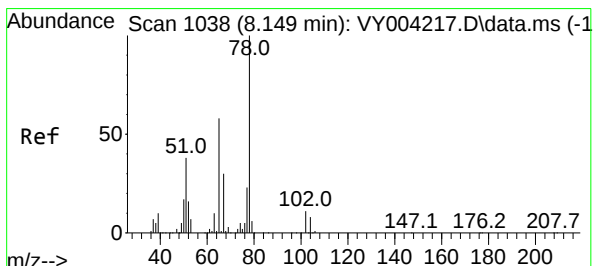
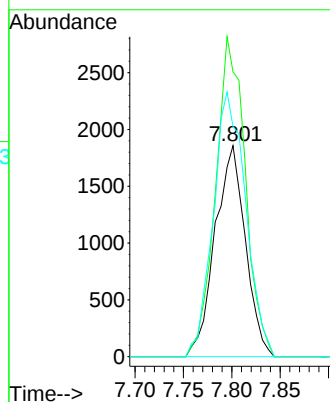
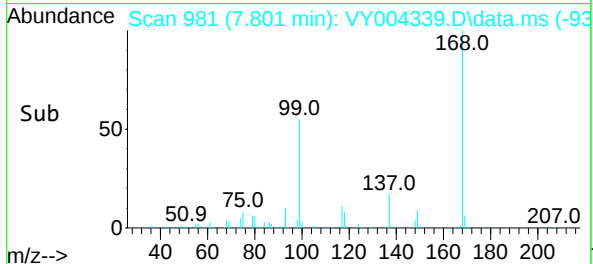


#31
Cyclohexane
Concen: 1.38 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

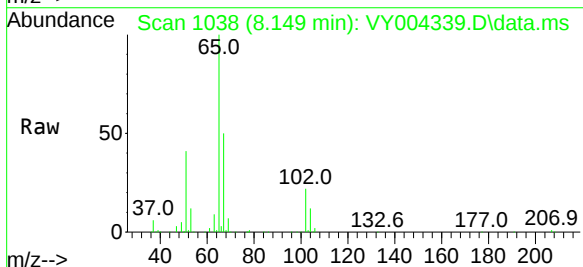
Instrument :
MSVOA_Y
ClientSampled :



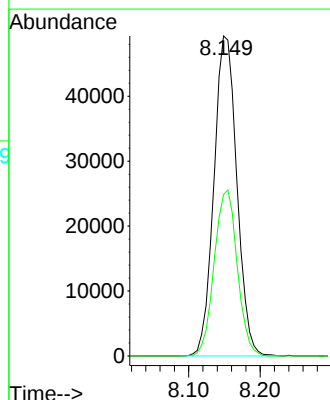
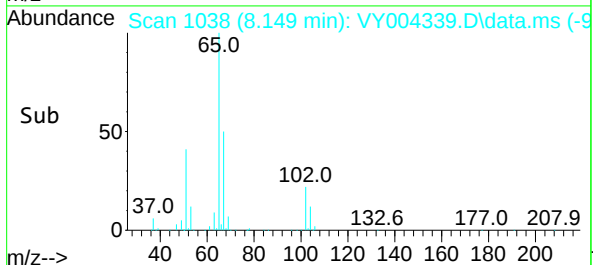
Tgt Ion: 56 Resp: 4045
Ion Ratio Lower Upper
56 100
69 135.0 26.6 40.0#
84 109.1 72.3 108.5#

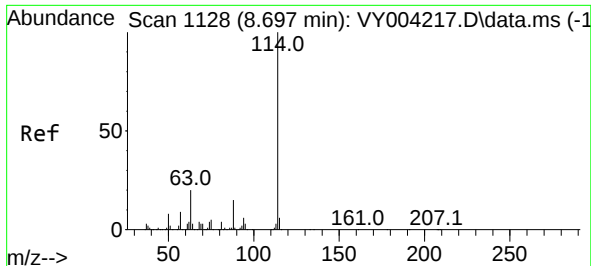


#33
1,2-Dichloroethane-d4
Concen: 66.04 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42



Tgt Ion: 65 Resp: 109695
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.2

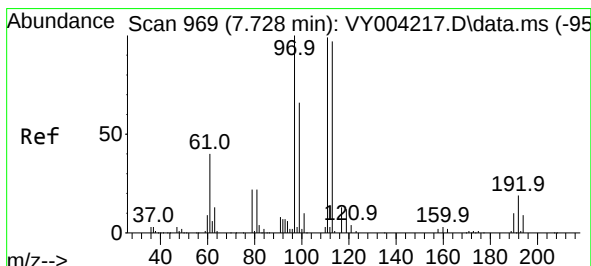
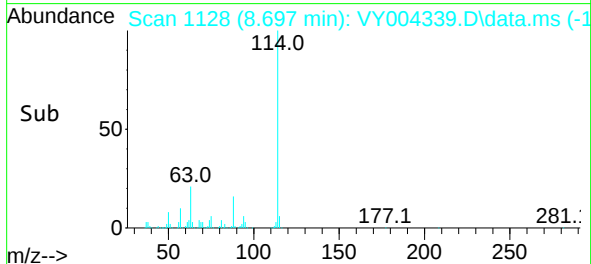
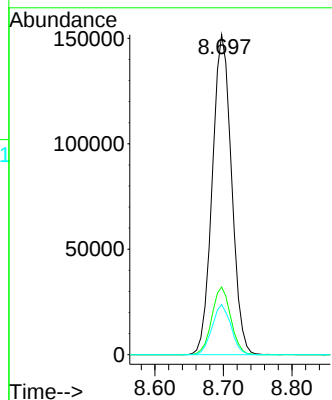
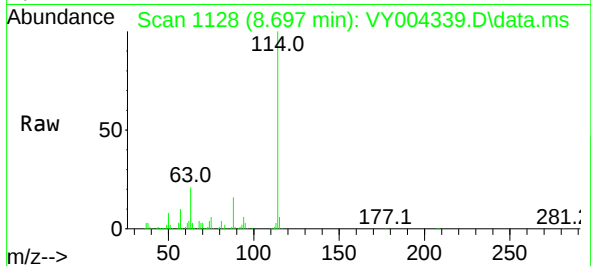




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

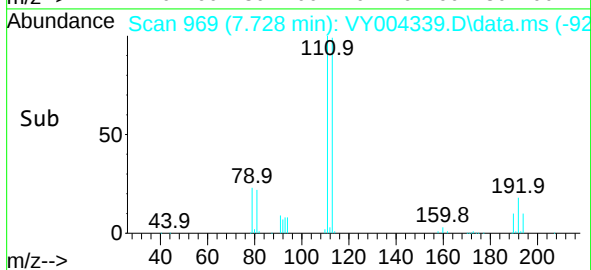
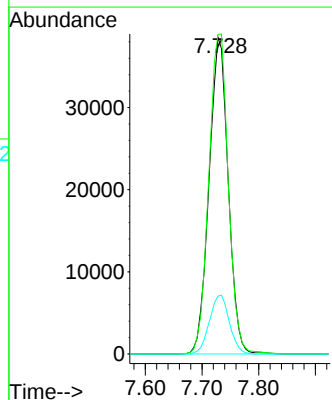
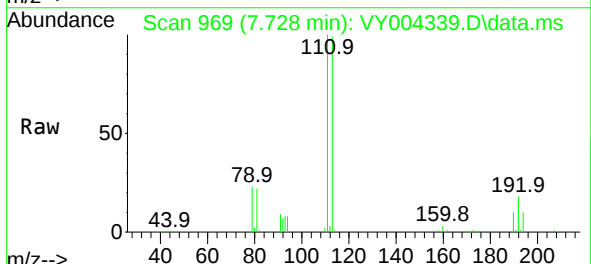
Instrument :
MSVOA_Y
ClientSampleId :

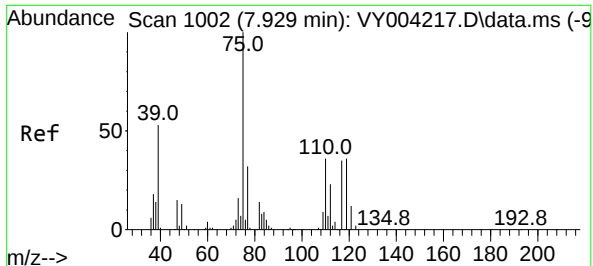
Tgt Ion:	114	Resp:	295267
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	40.4
88	15.6	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.00 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

Tgt Ion:	113	Resp:	90484
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.6	124.0
192	19.3	16.4	24.6





#36

1,1-Dichloropropene

Concen: 5.06 ug/l

RT: 7.801 min Scan# 981

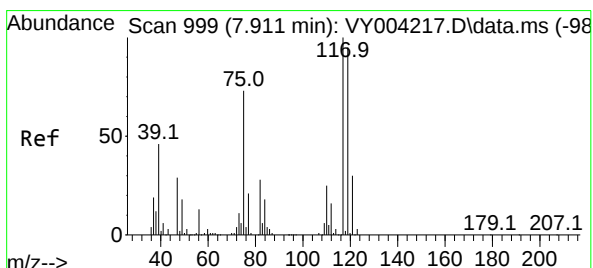
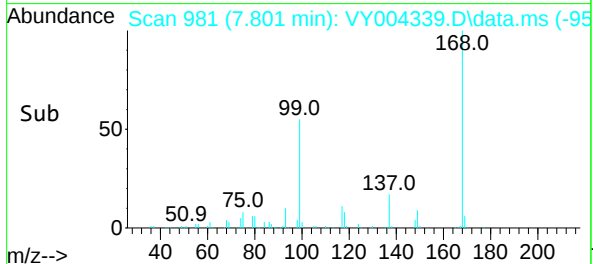
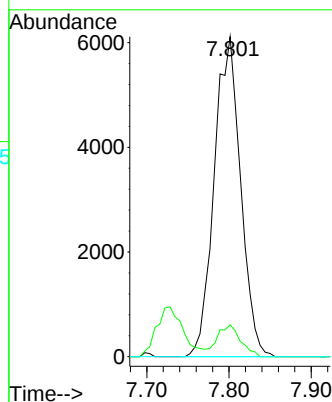
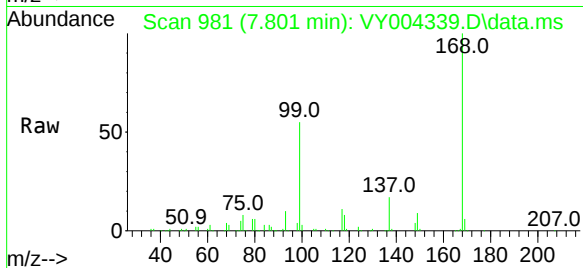
Delta R.T. -0.128 min

Lab File: VY004339.D

Acq: 08 Apr 2021 16:42

Tgt Ion: 75	Resp: 13626
Ion Ratio	Lower Upper
75 100	
110 8.8	18.1 54.3#
77 0.0	25.1 37.7#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 7.50 ug/l

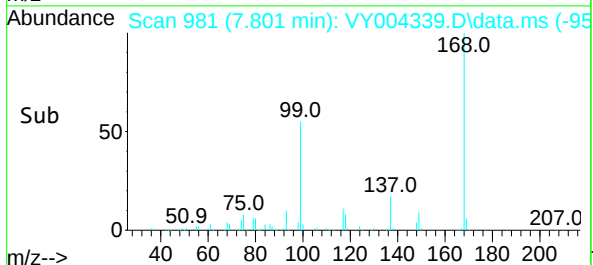
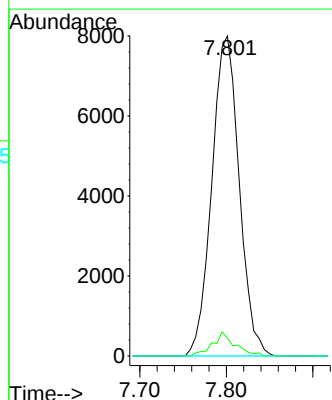
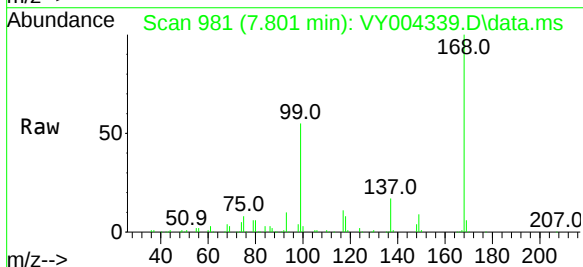
RT: 7.801 min Scan# 981

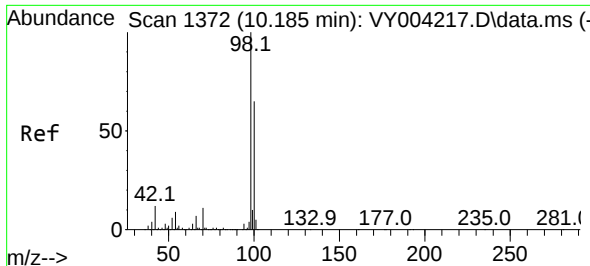
Delta R.T. -0.110 min

Lab File: VY004339.D

Acq: 08 Apr 2021 16:42

Tgt Ion: 117	Resp: 17574
Ion Ratio	Lower Upper
117 100	
119 5.6	75.6 113.4#
121 0.0	24.3 36.5#

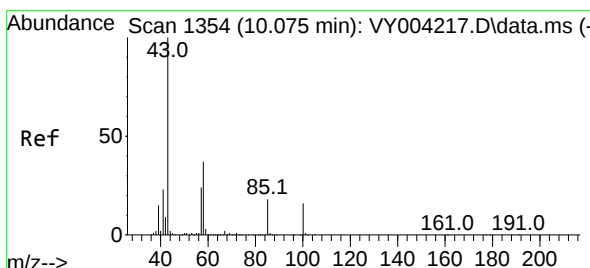
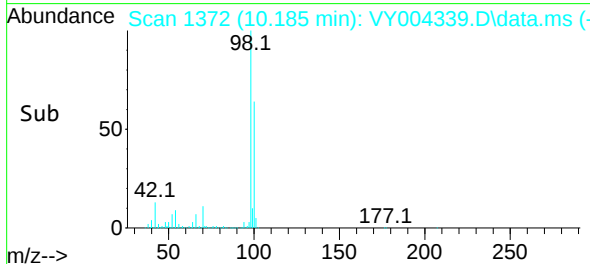
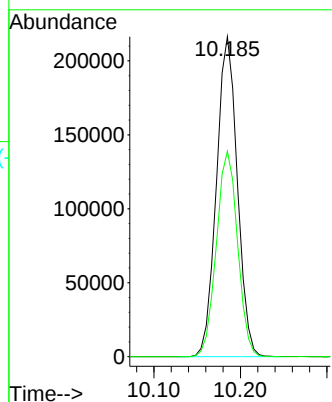
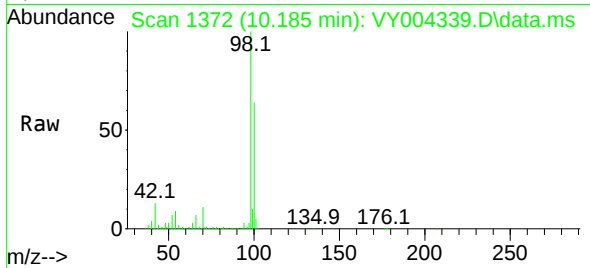




#50
Toluene-d8
Concen: 58.55 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

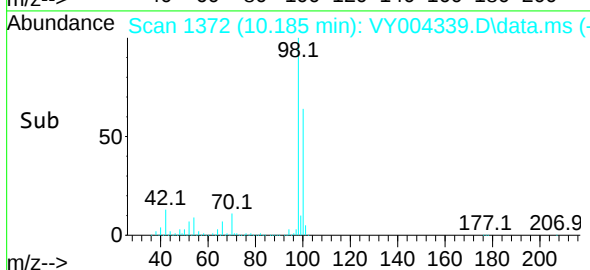
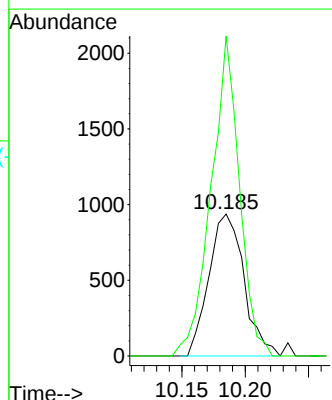
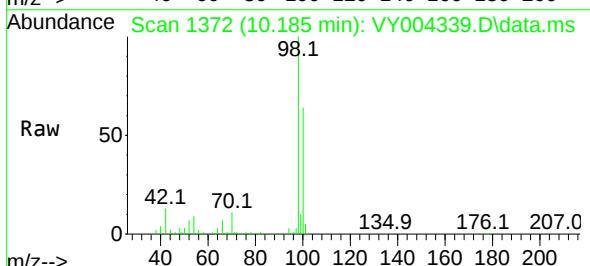
Instrument :
MSVOA_Y
ClientSampled :

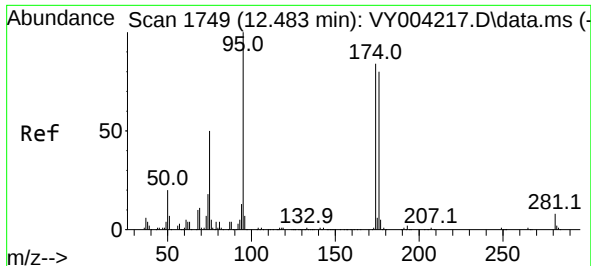
Tgt Ion: 98 Resp: 362316
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.19 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

Tgt Ion: 43 Resp: 1809
Ion Ratio Lower Upper
43 100
58 182.1 30.6 45.8#

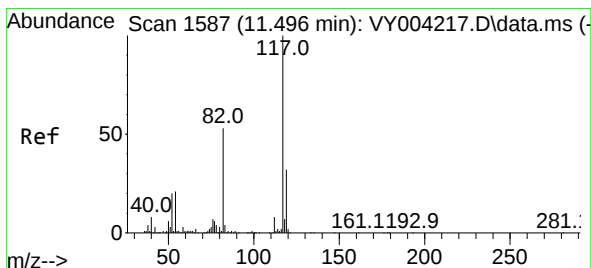
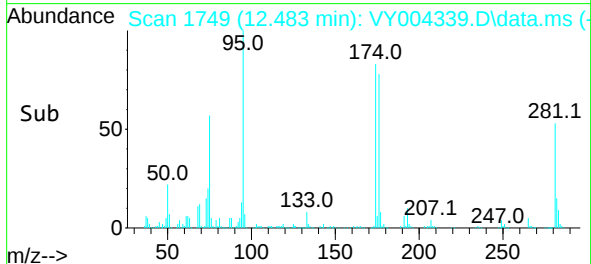
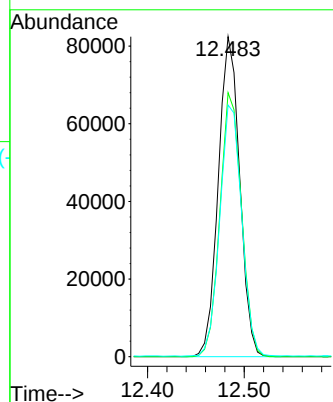
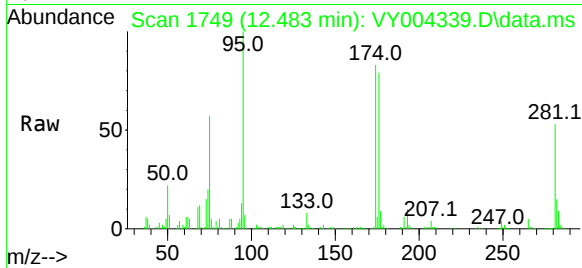




#62
4-Bromofluorobenzene
Concen: 59.52 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

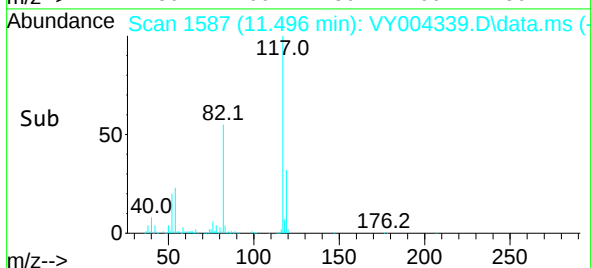
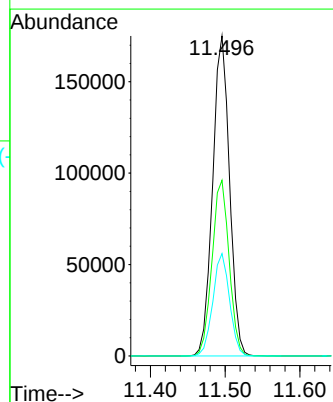
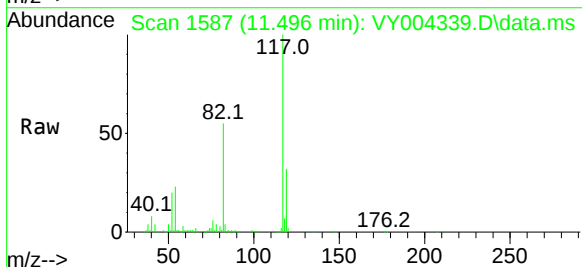
Instrument :
MSVOA_Y
ClientSampleId :

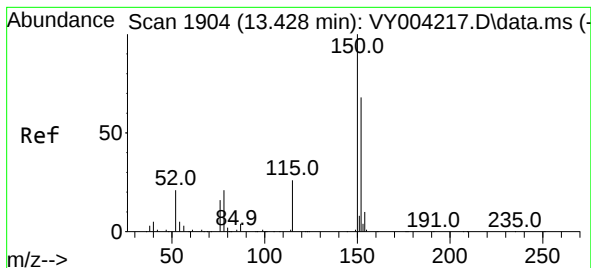
Tgt Ion: 95 Resp: 126217
Ion Ratio Lower Upper
95 100
174 83.0 0.0 171.4
176 80.8 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

Tgt Ion: 117 Resp: 275266
Ion Ratio Lower Upper
117 100
82 54.9 42.7 64.1
119 32.0 25.7 38.5

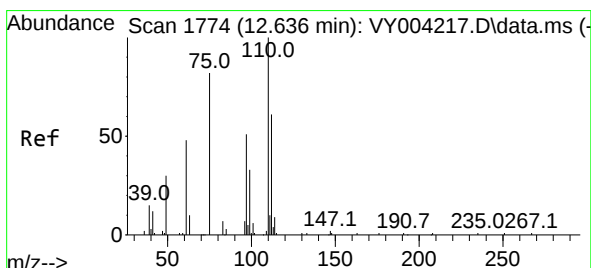
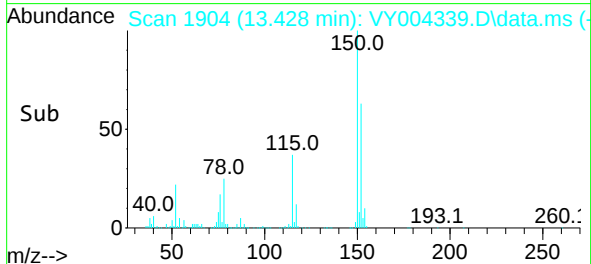
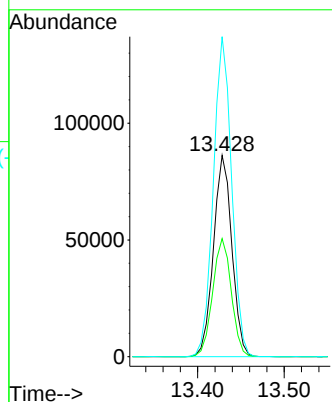
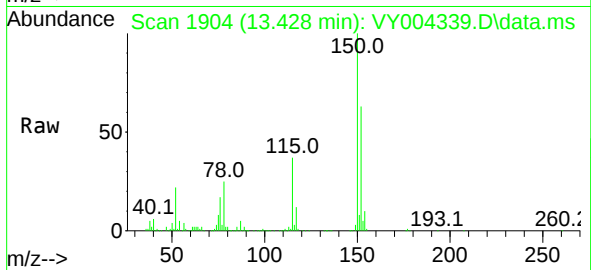




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004339.D
 Acq: 08 Apr 2021 16:42

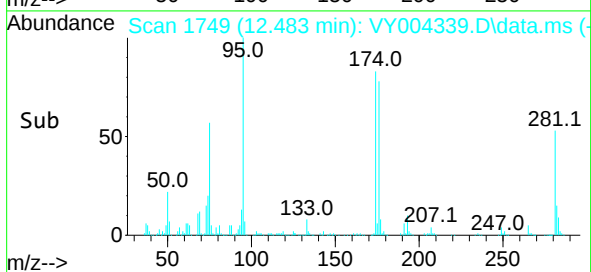
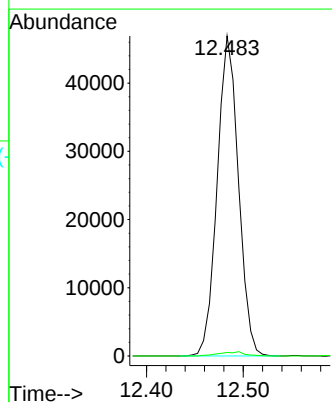
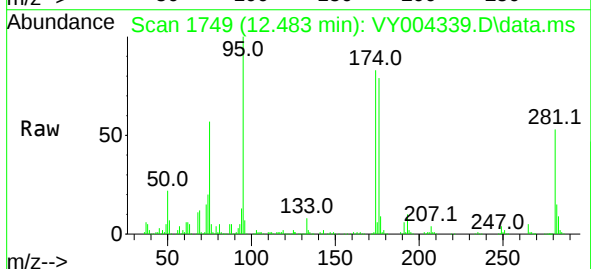
Instrument :
 MSVOA_Y
 ClientSampleId :

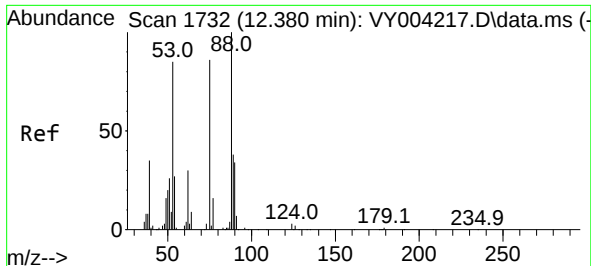
Tgt Ion:152 Resp: 127731
 Ion Ratio Lower Upper
 152 100
 115 59.3 29.0 87.1
 150 157.5 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 61.59 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004339.D
 Acq: 08 Apr 2021 16:42

Tgt Ion: 75 Resp: 71441
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

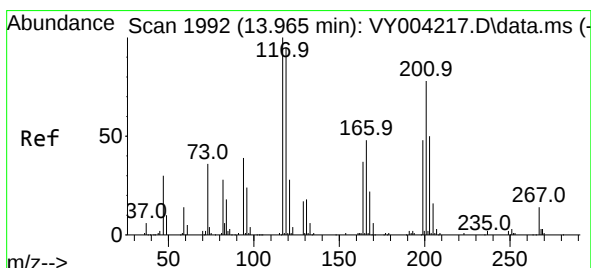
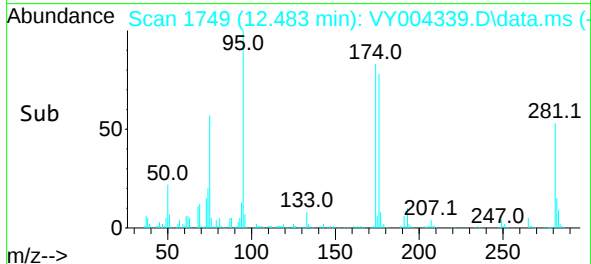
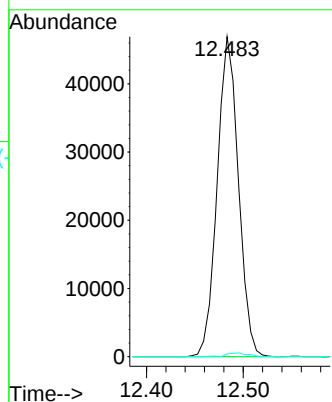
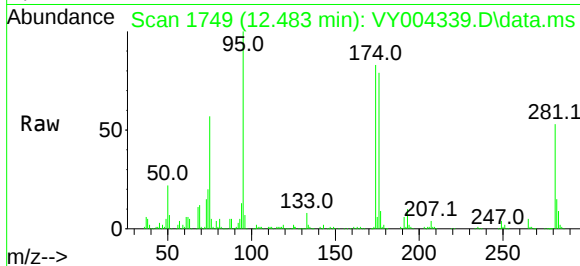




#81
trans-1,4-Dichloro-2-butene
Concen: 113.52 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 71441
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 1.2 39.4 59.2#



#90
Hexachloroethane
Concen: 7.31 ug/l
RT: 13.879 min Scan# 1978
Delta R.T. -0.086 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

Tgt Ion: 117 Resp: 24
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

