

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004252.D
 Acq On : 02 Apr 2021 10:40
 Operator : SY/MD
 Sample : VY0402SBL01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBL01

Quant Time: Apr 02 22:56:59 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)

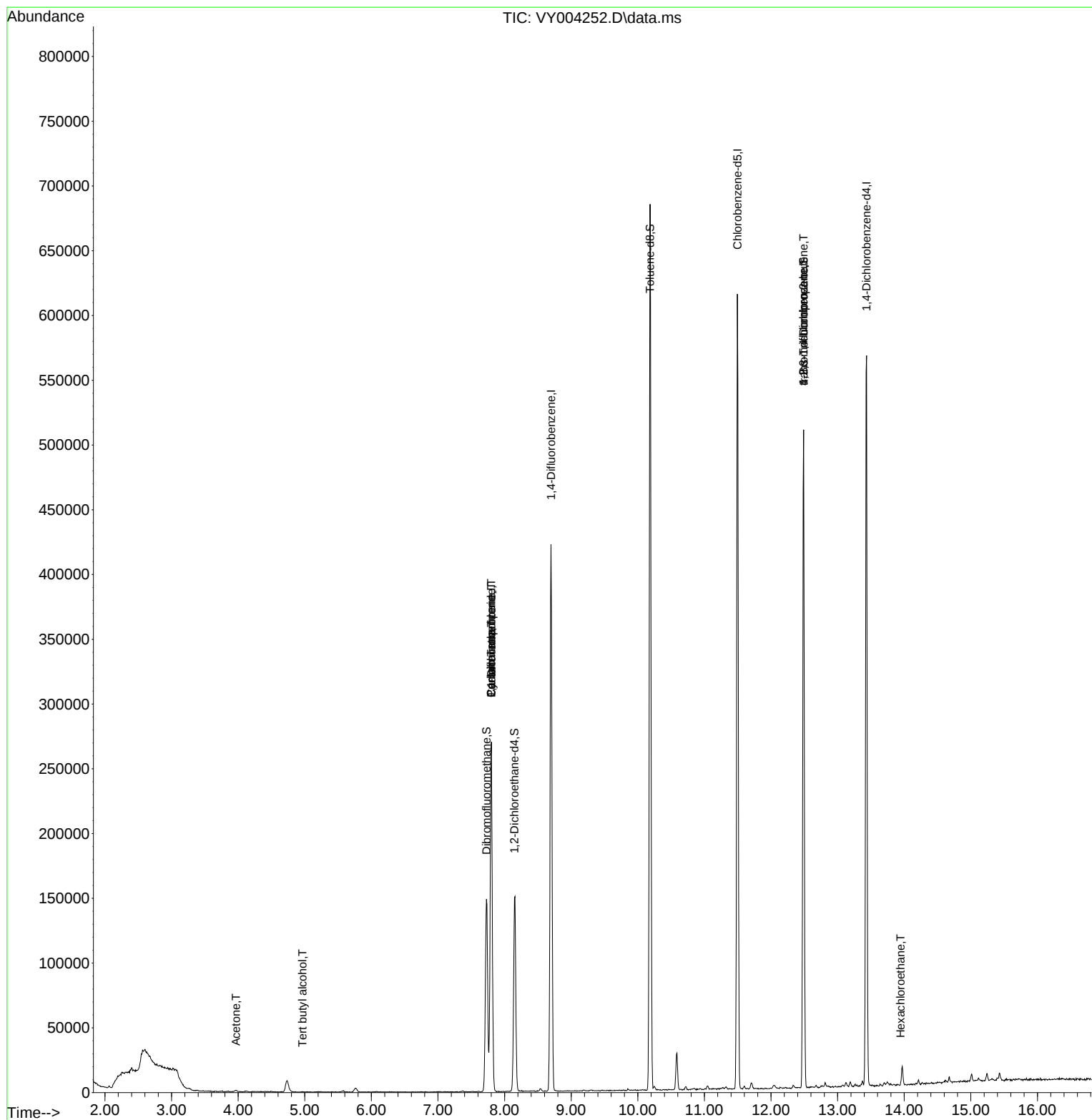
Internal Standards						
1) Pentafluorobenzene	7.801	168	206606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	349885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	319096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	142472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117161	58.99	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.98%			
35) Dibromofluoromethane	7.728	113	105478	54.10	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.20%			
50) Toluene-d8	10.185	98	428564	58.45	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.90%			
62) 4-Bromofluorobenzene	12.489	95	139808	55.63	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.26%			
Target Compounds						
11) Tert butyl alcohol	4.966	59	225	1.39	ug/l #	71
13) Acrolein	3.747	56	248	Below Cal	#	76
16) Acetone	3.966	43	2019	4.88	ug/l	99
31) Cyclohexane	7.801	56	4802	1.37	ug/l #	30
36) 1,1-Dichloropropene	7.801	75	16279	5.10	ug/l #	49
38) Carbon Tetrachloride	7.801	117	19866	7.15	ug/l #	16
49) 1,4-Dioxane	9.313	88	186	Below Cal	#	78
76) 1,2,3-Trichloropropane	12.489	75	75970	58.72	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	75970	108.23	ug/l #	10
90) Hexachloroethane	13.946	117	51	7.34	ug/l #	12

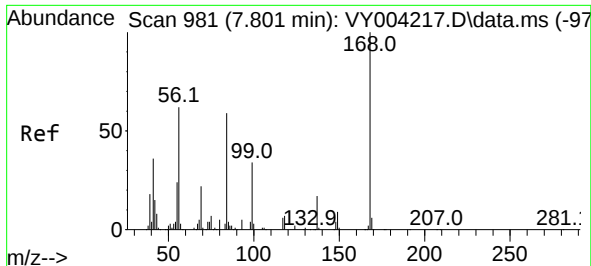
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

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Quant Title : SW846 8260
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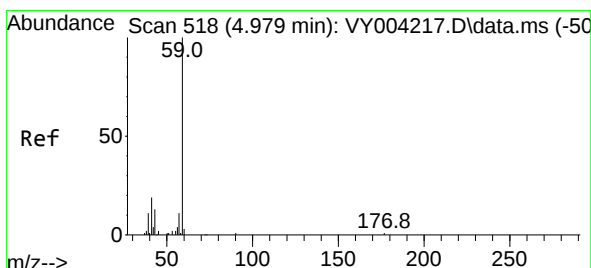
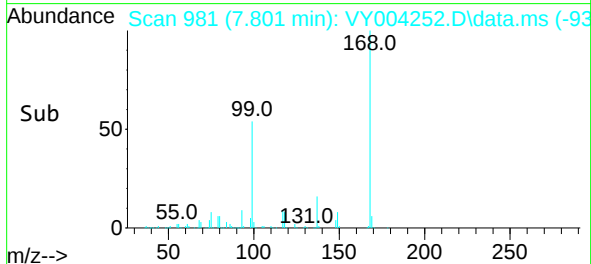
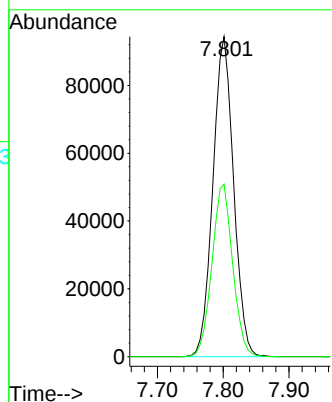
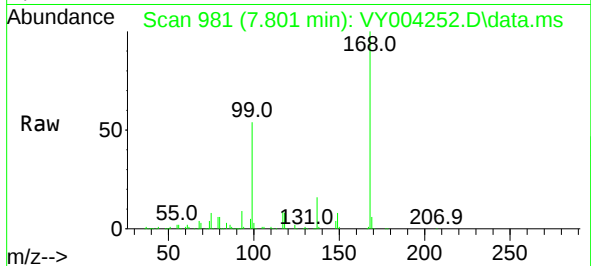




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004252.D
Acq: 02 Apr 2021 10:40

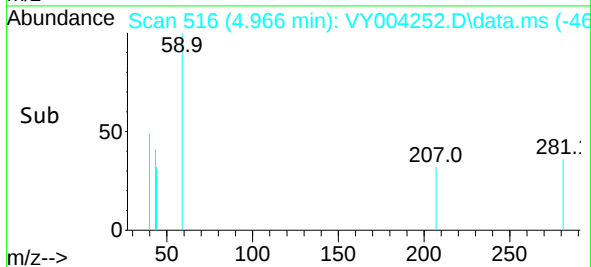
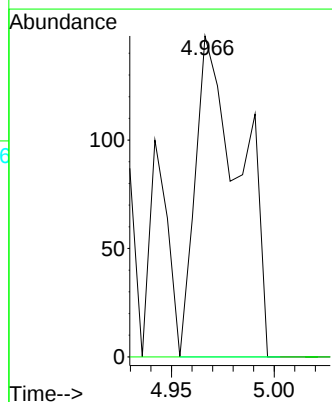
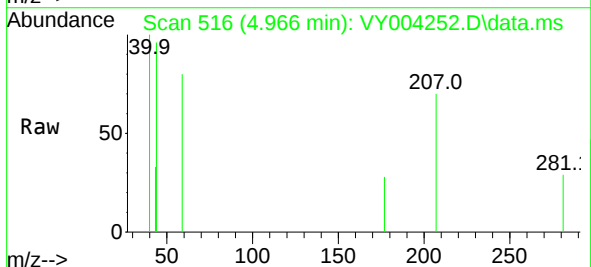
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

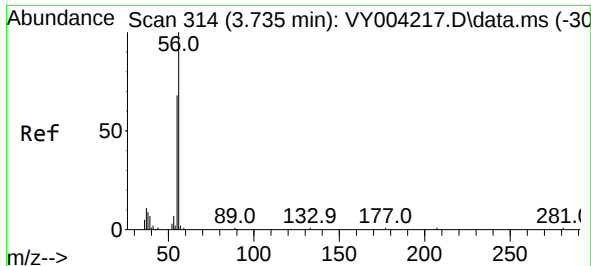
Tgt Ion:168 Resp: 206606
Ion Ratio Lower Upper
168 100
99 53.9 42.6 64.0



#11
Tert butyl alcohol
Concen: 1.39 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004252.D
Acq: 02 Apr 2021 10:40

Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

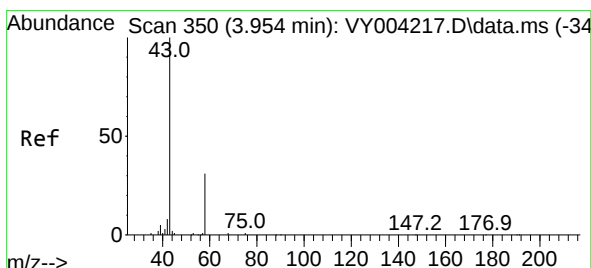
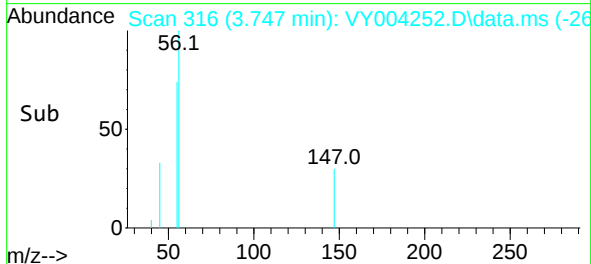
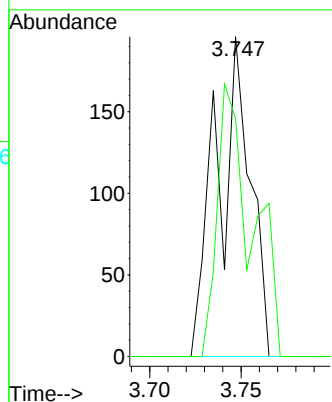
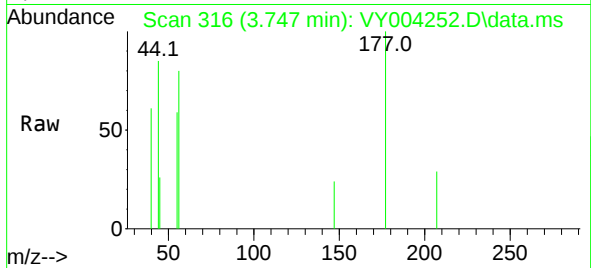




#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY004252.D
Acq: 02 Apr 2021 10:40

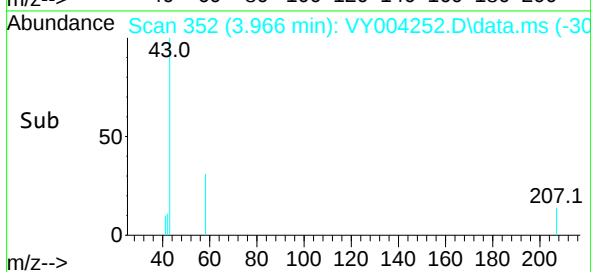
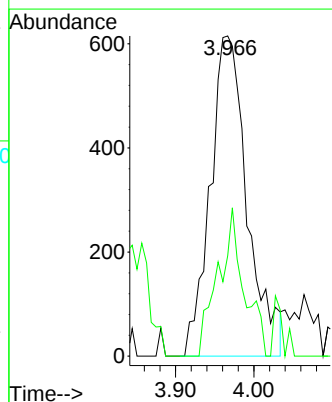
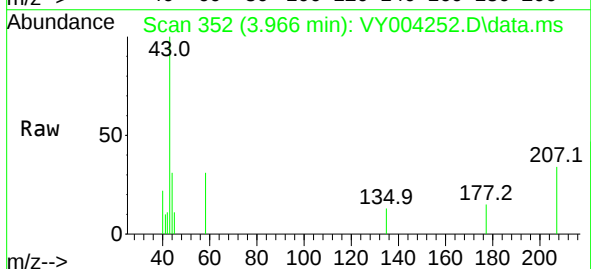
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

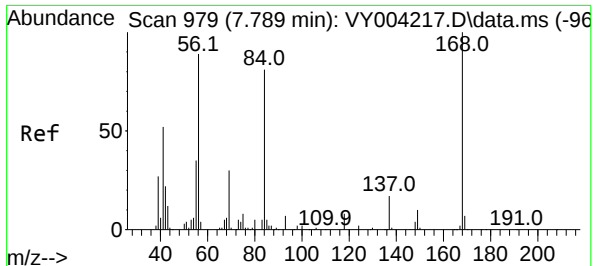
Tgt Ion: 56 Resp: 248
Ion Ratio Lower Upper
56 100
55 88.3 55.0 82.4#



#16
Acetone
Concen: 4.88 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004252.D
Acq: 02 Apr 2021 10:40

Tgt Ion: 43 Resp: 2019
Ion Ratio Lower Upper
43 100
58 31.4 24.5 36.7

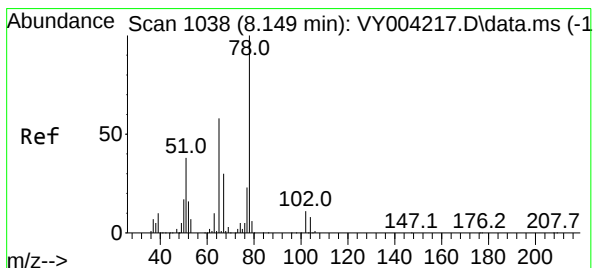
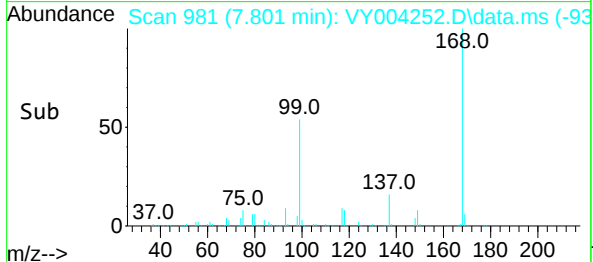
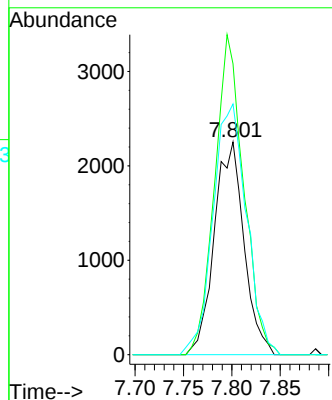
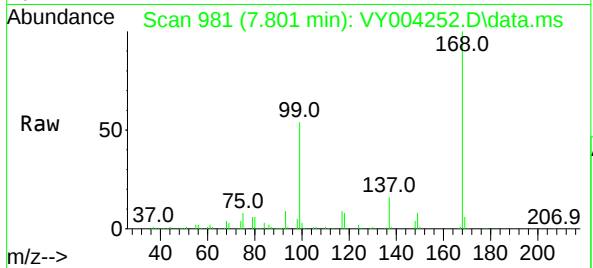




#31
Cyclohexane
Concen: 1.37 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004252.D
Acq: 02 Apr 2021 10:40

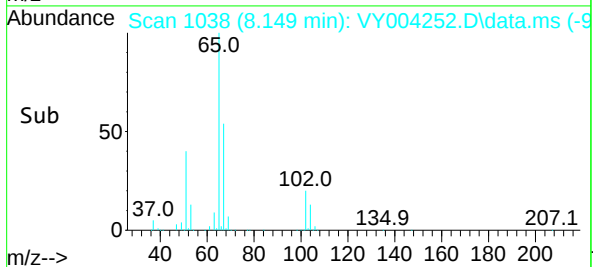
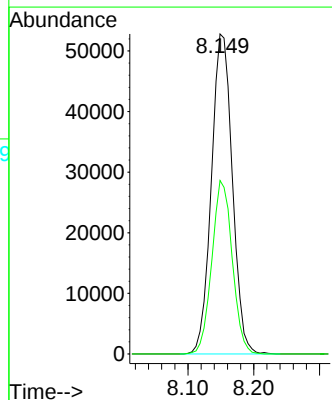
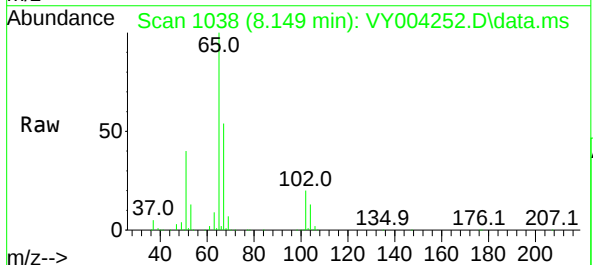
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

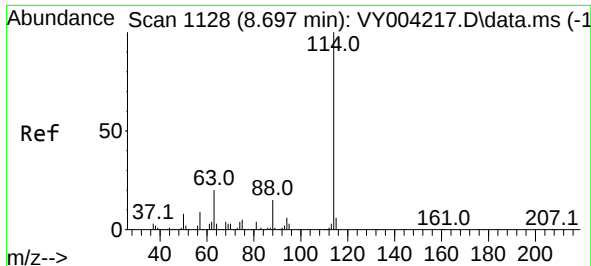
Tgt Ion: 56 Resp: 4802
Ion Ratio Lower Upper
56 100
69 136.8 26.6 40.0#
84 117.9 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 58.99 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004252.D
Acq: 02 Apr 2021 10:40

Tgt Ion: 65 Resp: 117161
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.2

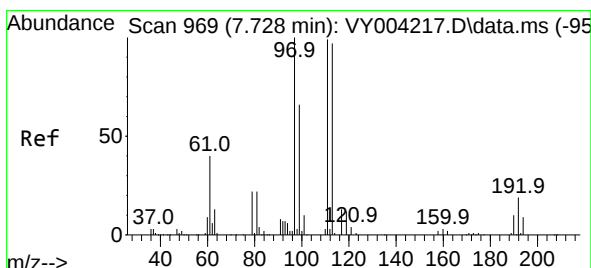
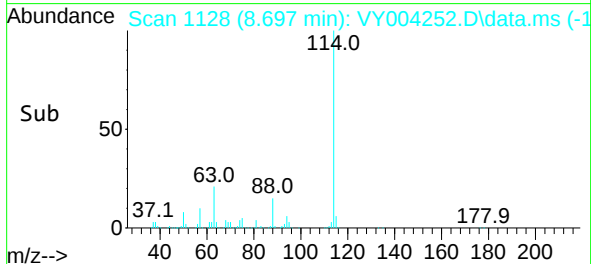
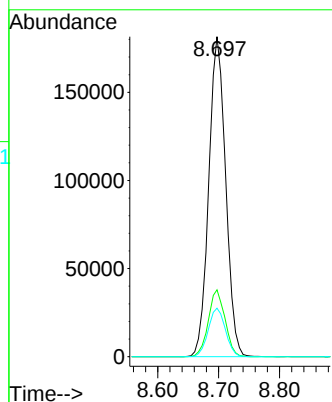
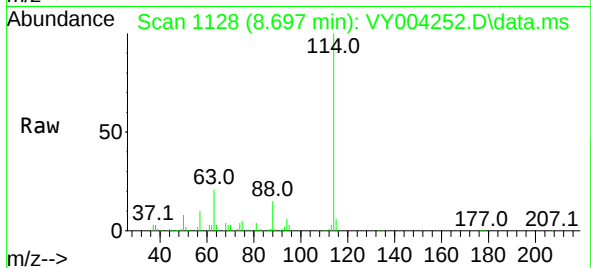




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004252.D
Acq: 02 Apr 2021 10:40

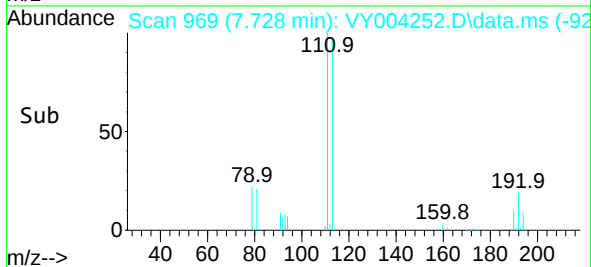
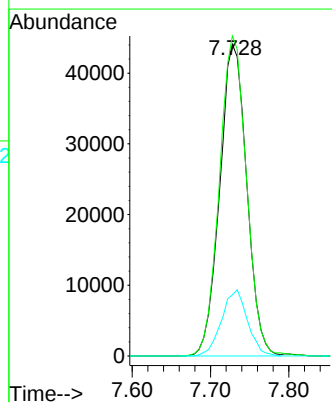
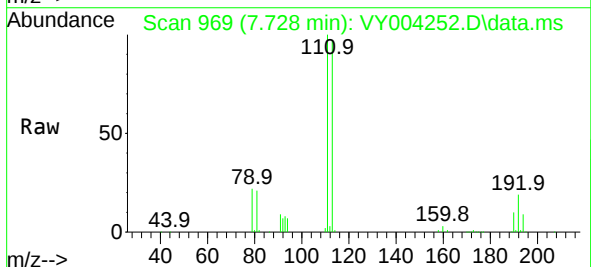
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

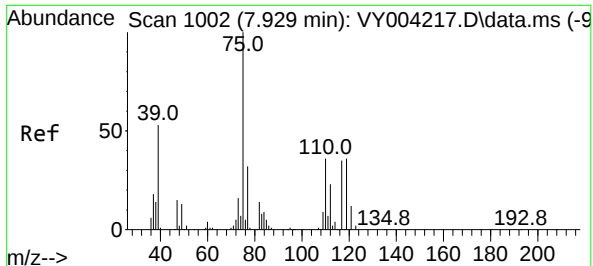
Tgt Ion:	114	Resp:	349885
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	40.4
88	15.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.10 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004252.D
Acq: 02 Apr 2021 10:40

Tgt Ion:	113	Resp:	105478
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.6	124.0
192	20.4	16.4	24.6





#36

1,1-Dichloropropene

Concen: 5.10 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY004252.D

Acq: 02 Apr 2021 10:40

Tgt Ion: 75 Resp: 16279

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.3#

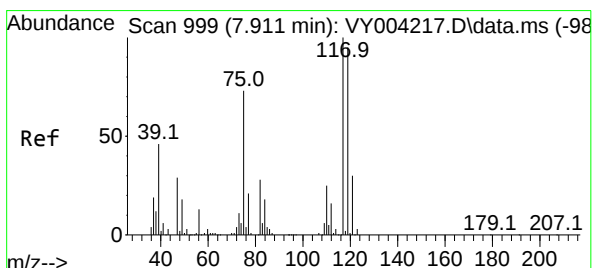
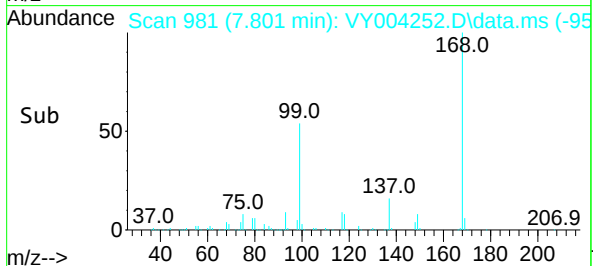
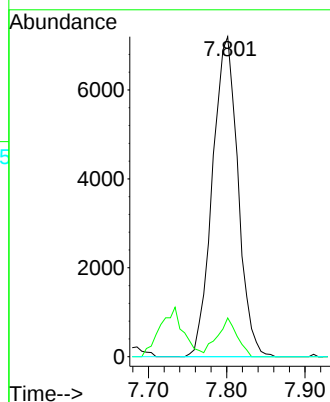
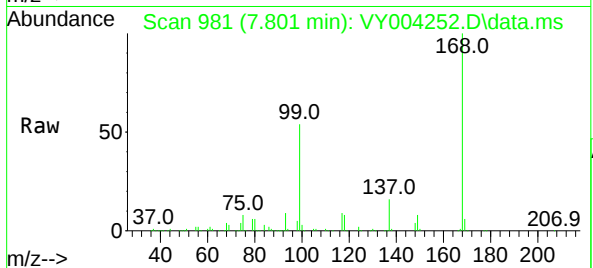
77 0.0 25.1 37.7#

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBL01



#38

Carbon Tetrachloride

Concen: 7.15 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.110 min

Lab File: VY004252.D

Acq: 02 Apr 2021 10:40

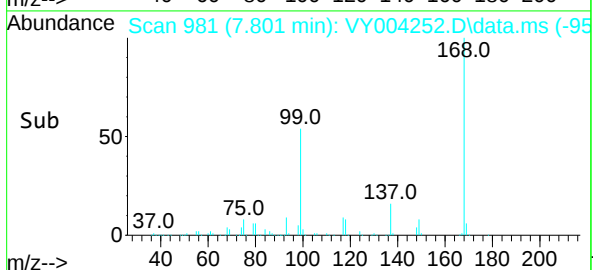
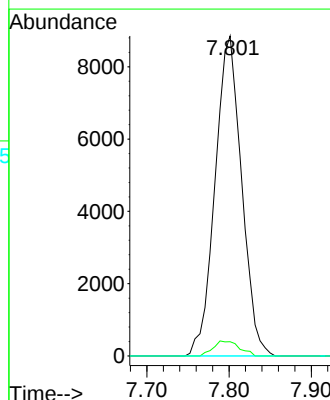
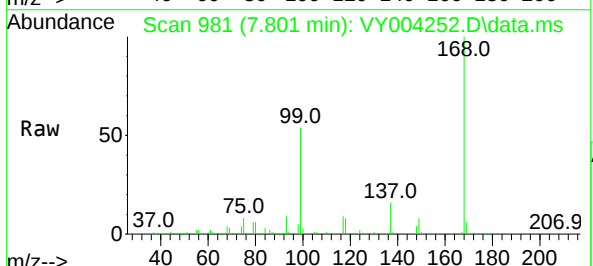
Tgt Ion: 117 Resp: 19866

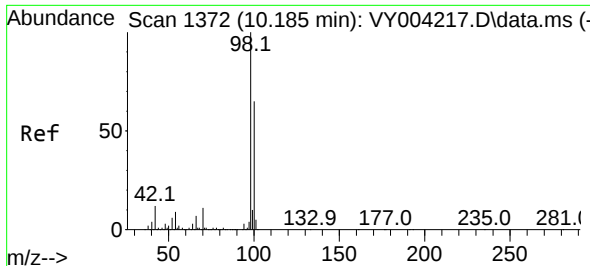
Ion Ratio Lower Upper

117 100

119 4.4 75.6 113.4#

121 0.0 24.3 36.5#

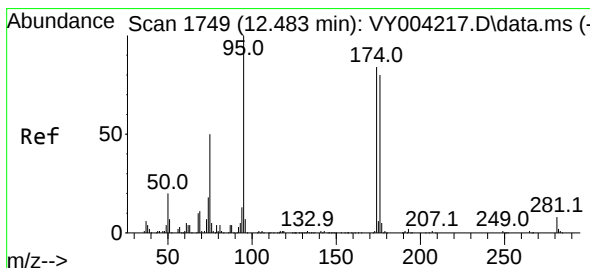
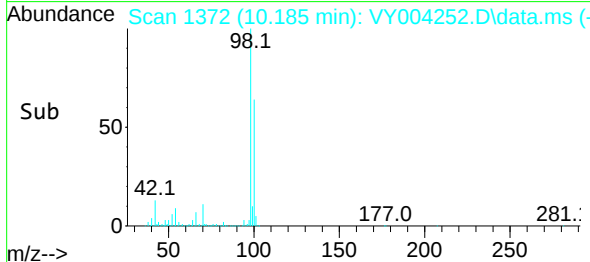
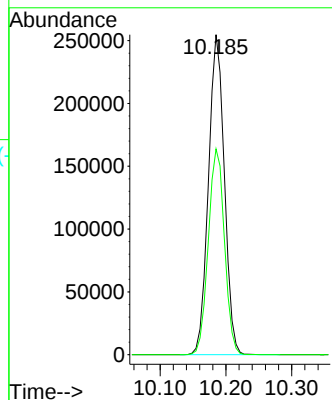
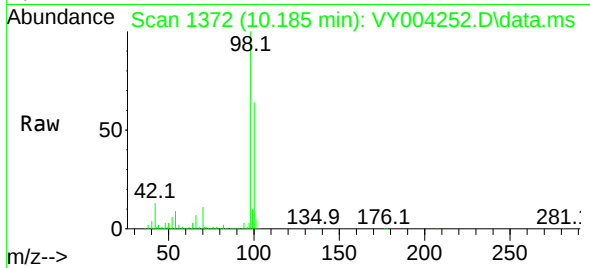




#50
Toluene-d8
Concen: 58.45 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004252.D
Acq: 02 Apr 2021 10:40

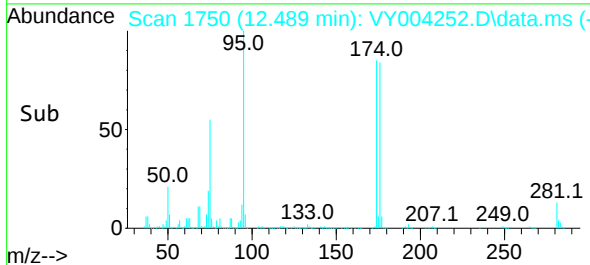
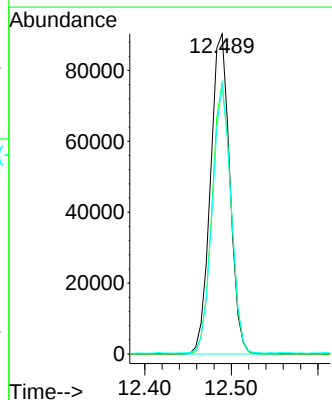
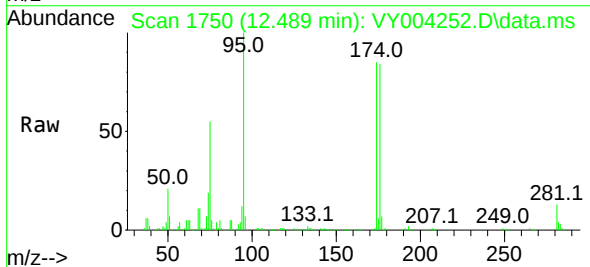
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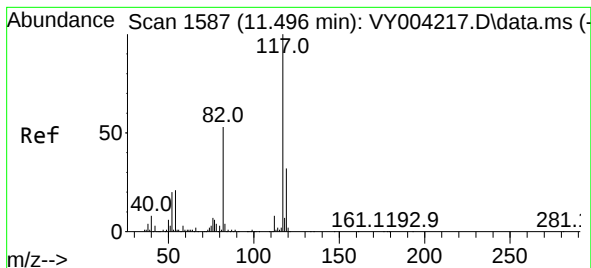
Tgt Ion: 98 Resp: 428564
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 55.63 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004252.D
Acq: 02 Apr 2021 10:40

Tgt Ion: 95 Resp: 139808
Ion Ratio Lower Upper
95 100
174 82.9 0.0 171.4
176 81.3 0.0 165.6

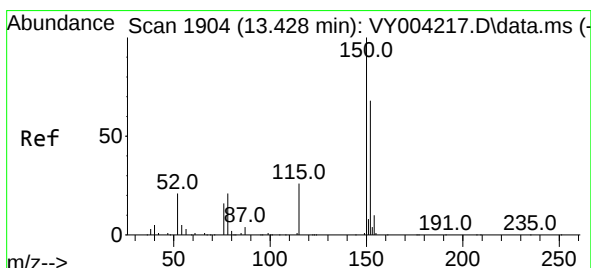
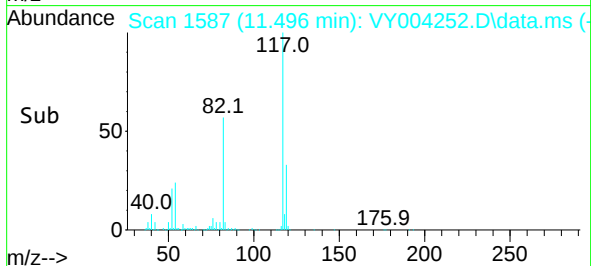
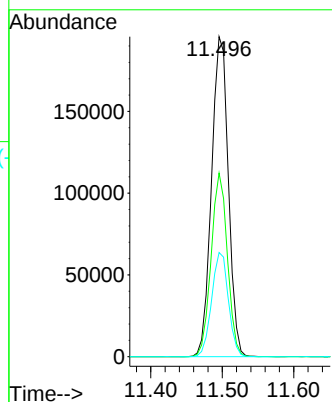
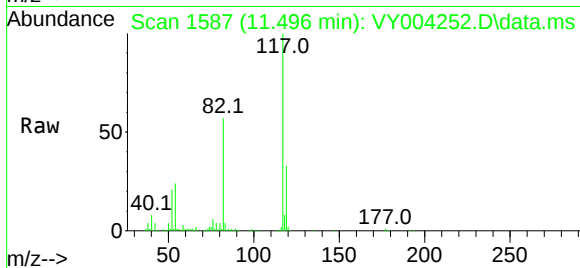




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004252.D
Acq: 02 Apr 2021 10:40

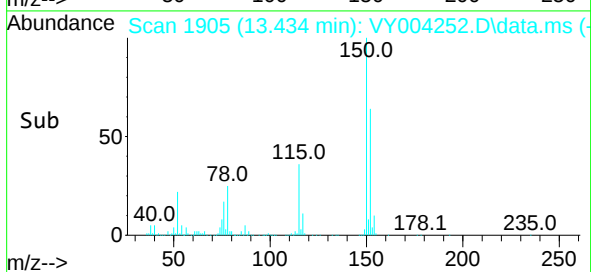
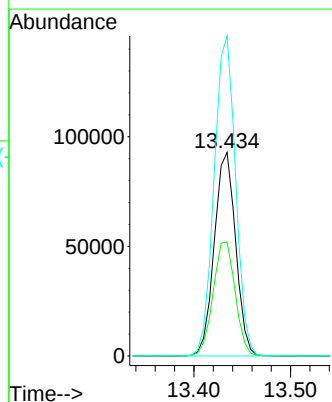
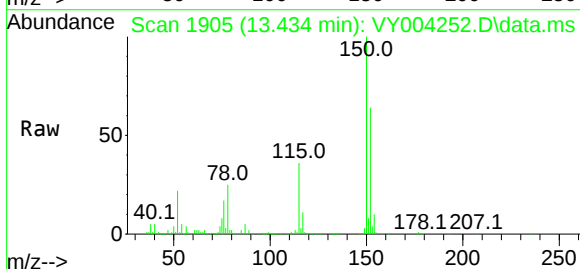
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

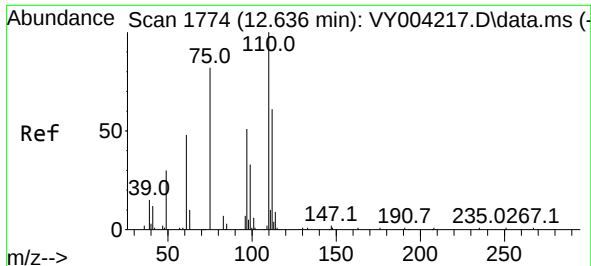
Tgt Ion:	117	Resp:	319096
Ion	Ratio	Lower	Upper
117	100		
82	57.4	42.7	64.1
119	32.5	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004252.D
Acq: 02 Apr 2021 10:40

Tgt Ion:	152	Resp:	142472
Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.0	87.1
150	157.4	0.0	347.4

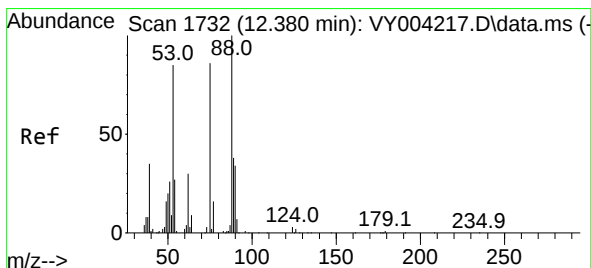
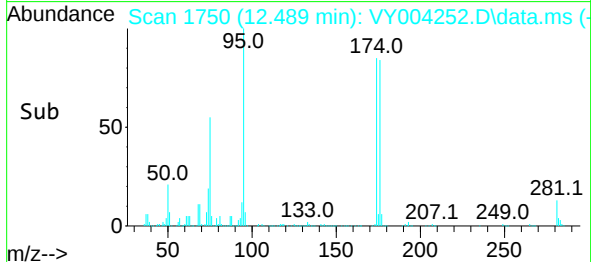
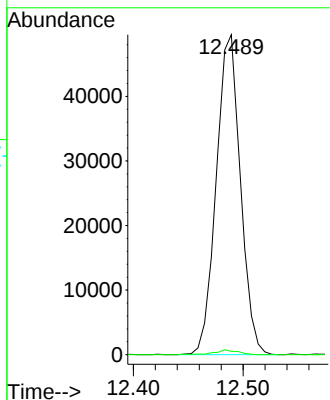
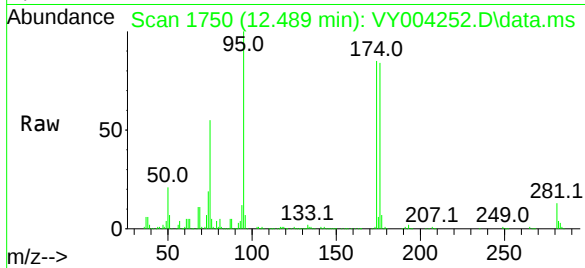




#76
1,2,3-Trichloropropane
Concen: 58.72 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004252.D
Acq: 02 Apr 2021 10:40

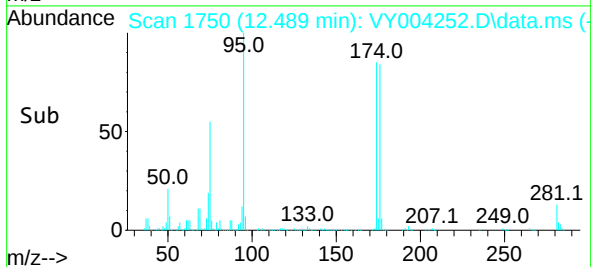
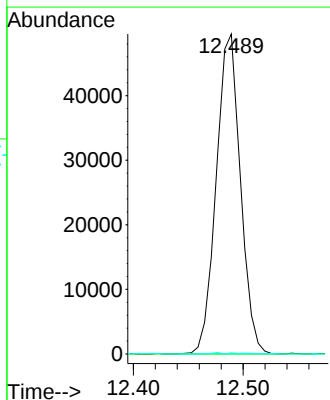
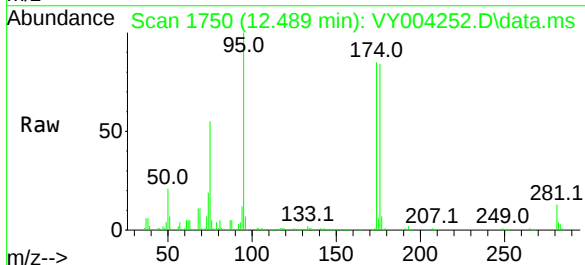
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

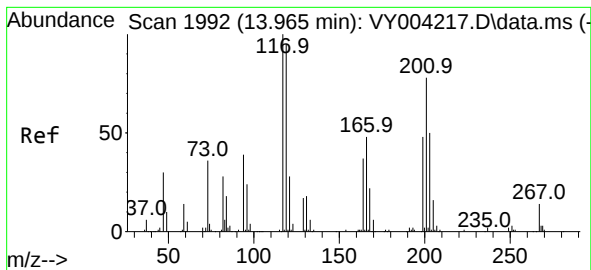
Tgt Ion: 75 Resp: 75970
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.23 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY004252.D
Acq: 02 Apr 2021 10:40

Tgt Ion: 75 Resp: 75970
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.3 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.34 ug/l
 RT: 13.946 min Scan# 1989
 Delta R.T. -0.019 min
 Lab File: VY004252.D
 Acq: 02 Apr 2021 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBL01

Tgt Ion:117 Resp: 51
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

