

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004255.D
 Acq On : 02 Apr 2021 12:19
 Operator : SY/MD
 Sample : M1886-01RE
 Misc : 6.43g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-124035

Quant Time: Apr 02 22:58:36 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)

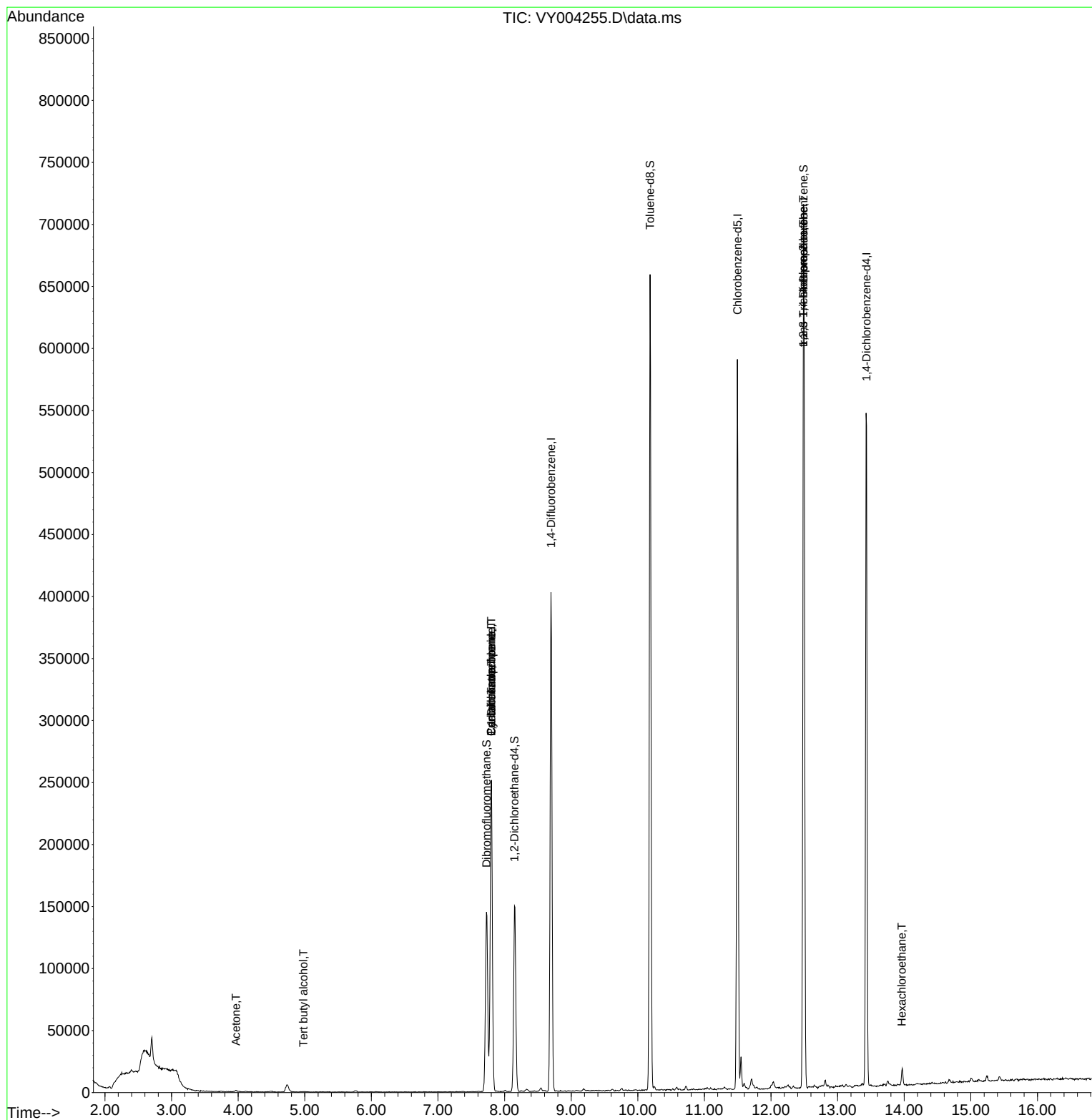
Internal Standards						
1) Pentafluorobenzene	7.801	168	194856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	334726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	304806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	134879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116514	62.20	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.40%			
35) Dibromofluoromethane	7.728	113	102493	54.95	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.90%			
50) Toluene-d8	10.185	98	409571	58.39	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.78%			
62) 4-Bromofluorobenzene	12.489	95	134806	56.07	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.14%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.979	59	746	4.89	ug/l #	71
13) Acrolein	3.747	56	262	Below Cal	#	56
16) Acetone	3.967	43	2319	5.94	ug/l	93
20) Methylene Chloride	4.741	84	4516	Below Cal		96
31) Cyclohexane	7.801	56	4502	1.36	ug/l #	3
36) 1,1-Dichloropropene	7.801	75	15234	4.99	ug/l #	49
38) Carbon Tetrachloride	7.801	117	18496	6.96	ug/l #	17
49) 1,4-Dioxane	9.331	88	80	Below Cal	#	59
76) 1,2,3-Trichloropropane	12.483	75	76448	62.42	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76448	115.04	ug/l #	10
90) Hexachloroethane	13.965	117	32	7.32	ug/l #	12

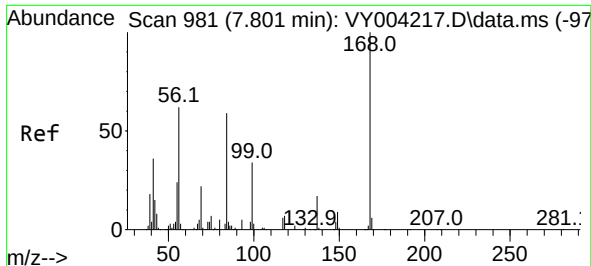
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
Data File : VY004255.D
Acq On : 02 Apr 2021 12:19
Operator : SY/MD
Sample : M1886-01RE
Misc : 6.43g/5mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-124035

Quant Time: Apr 02 22:58:36 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

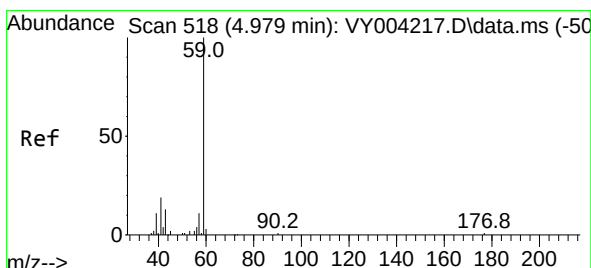
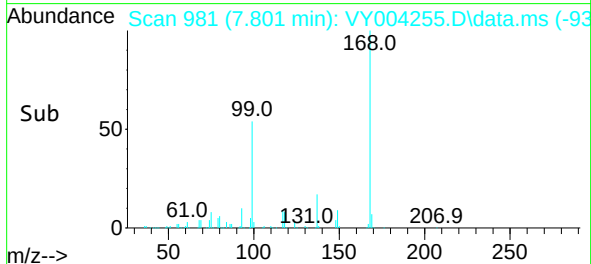
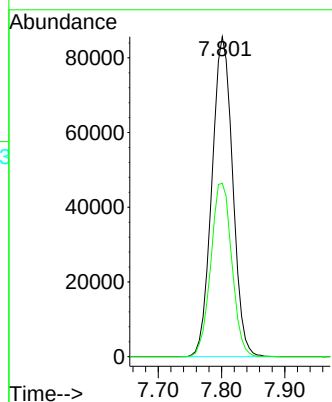
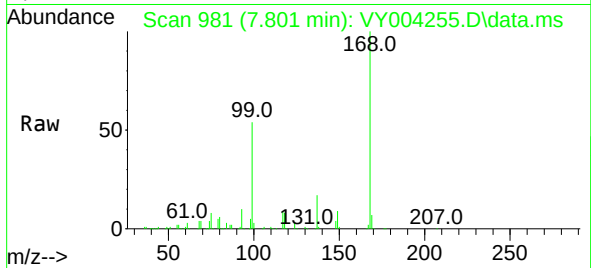




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

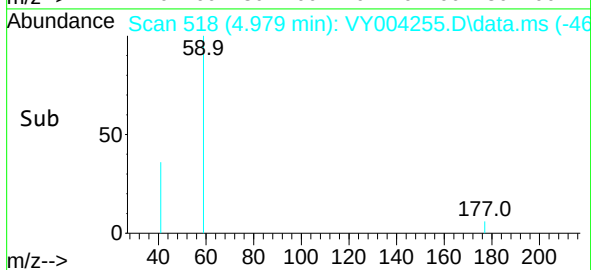
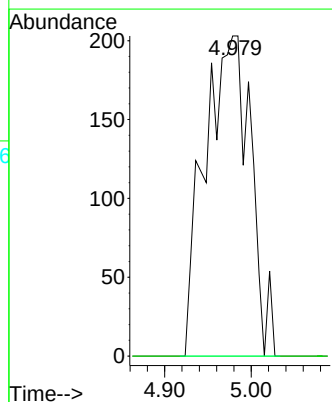
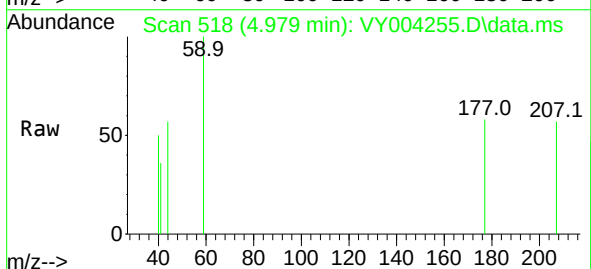
Instrument :
MSVOA_Y
ClientSampleId :
RO-124035

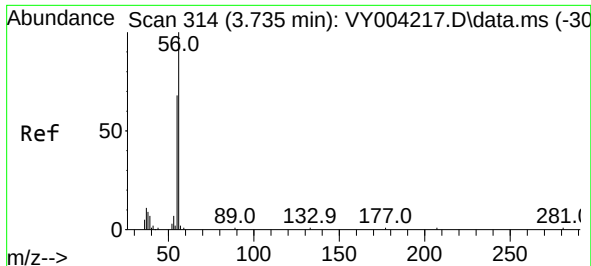
Tgt Ion:168 Resp: 194856
Ion Ratio Lower Upper
168 100
99 54.2 42.6 64.0



#11
Tert butyl alcohol
Concen: 4.89 ug/l
RT: 4.979 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

Tgt Ion: 59 Resp: 746
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

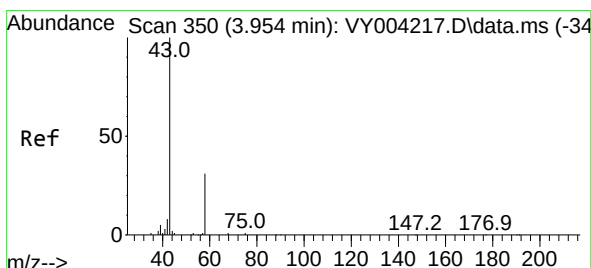
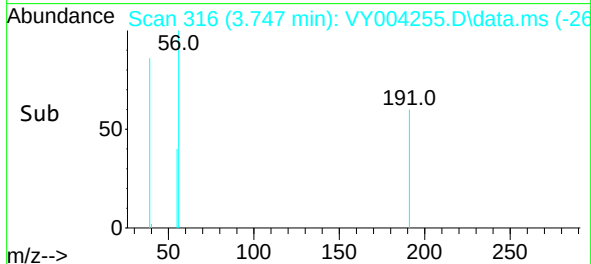
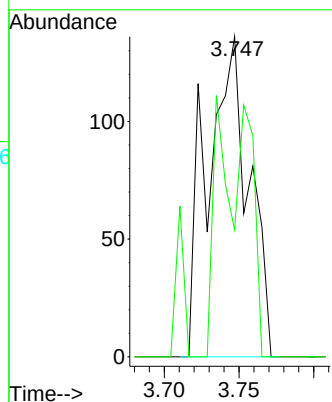
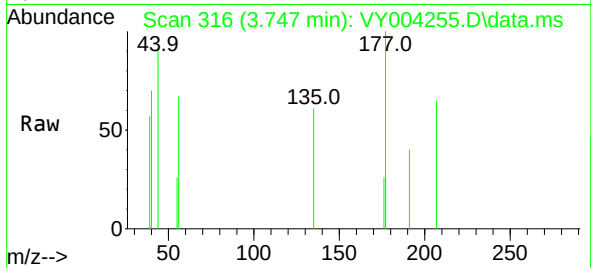




#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

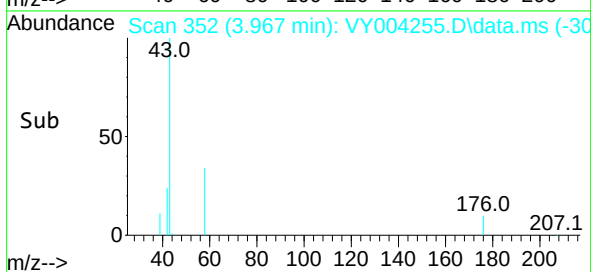
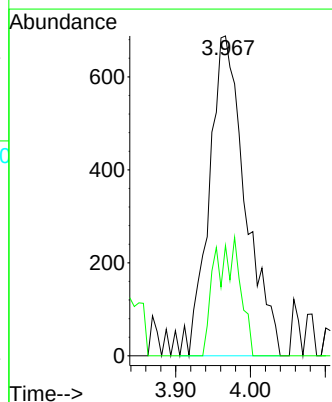
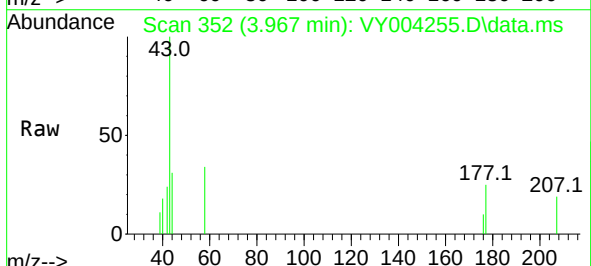
Instrument :
MSVOA_Y
ClientSampleId :
RO-124035

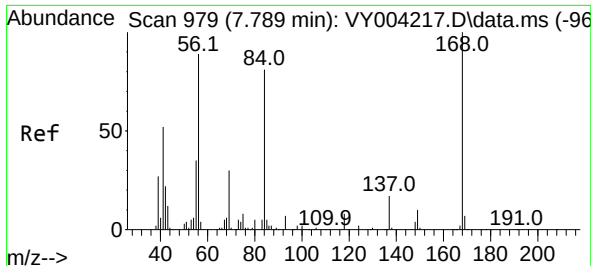
Tgt Ion: 56 Resp: 262
Ion Ratio Lower Upper
56 100
55 33.2 55.0 82.4#



#16
Acetone
Concen: 5.94 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

Tgt Ion: 43 Resp: 2319
Ion Ratio Lower Upper
43 100
58 34.4 24.5 36.7

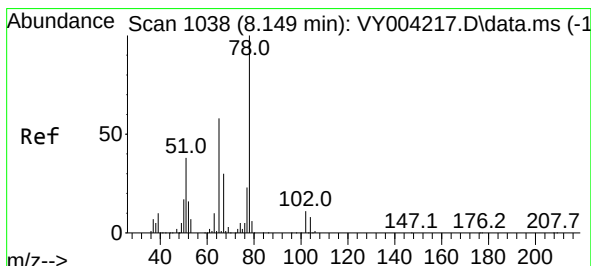
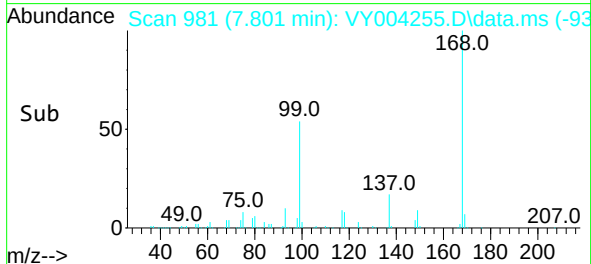
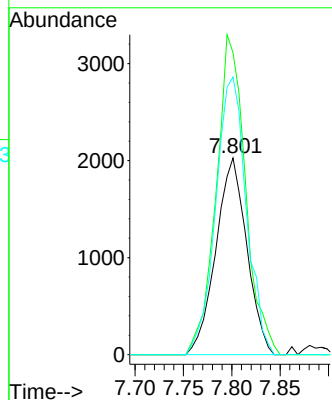
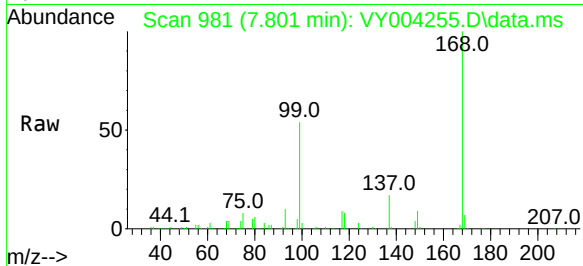




#31
Cyclohexane
Concen: 1.36 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

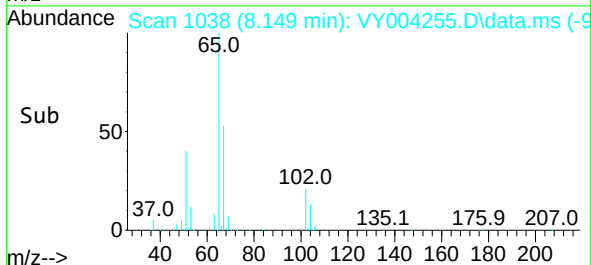
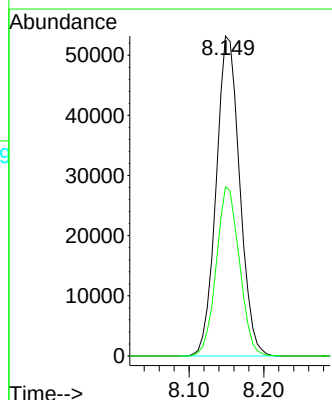
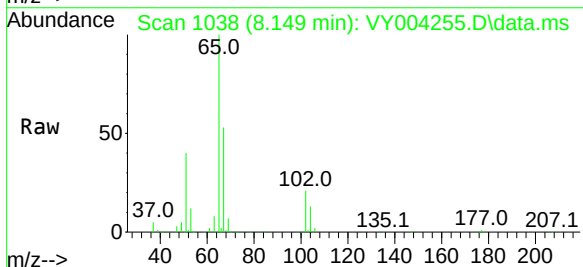
Instrument :
MSVOA_Y
ClientSampleId :
RO-124035

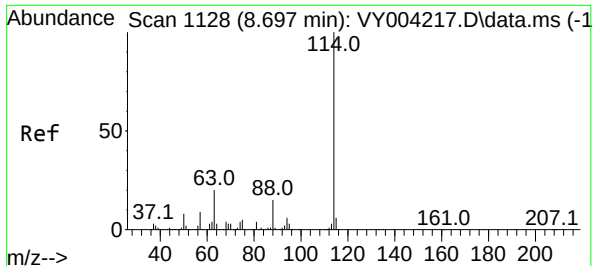
Tgt Ion: 56 Resp: 4502
Ion Ratio Lower Upper
56 100
69 153.7 26.6 40.0#
84 141.3 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 62.20 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

Tgt Ion: 65 Resp: 116514
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.2

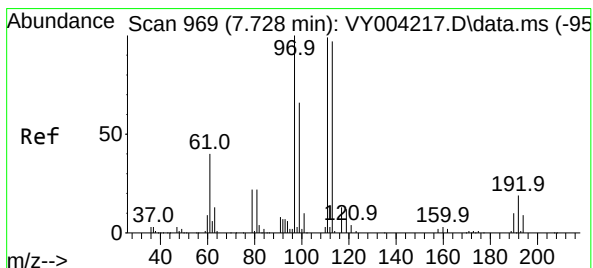
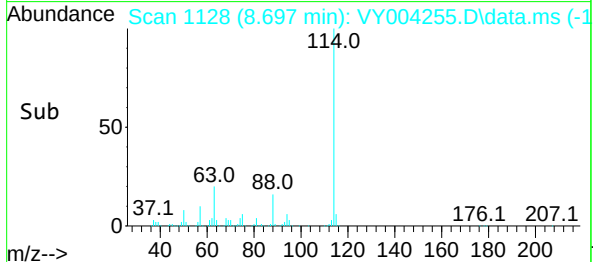
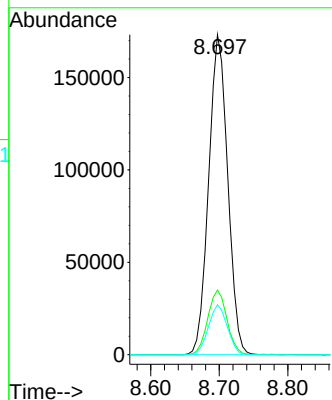
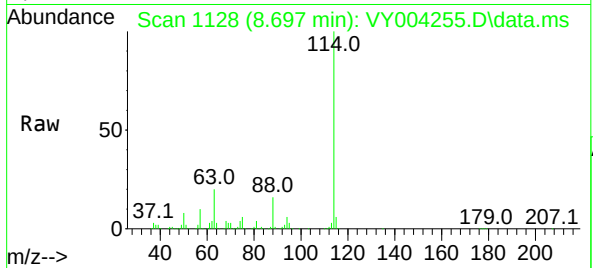




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

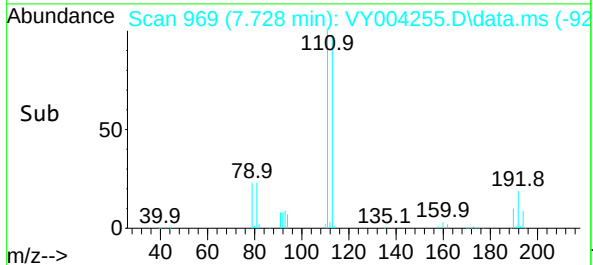
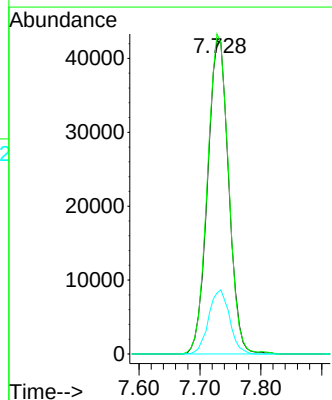
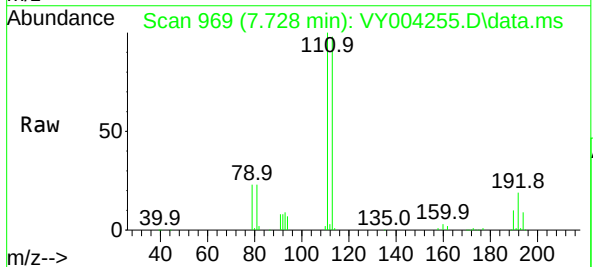
Instrument :
MSVOA_Y
ClientSampleId :
RO-124035

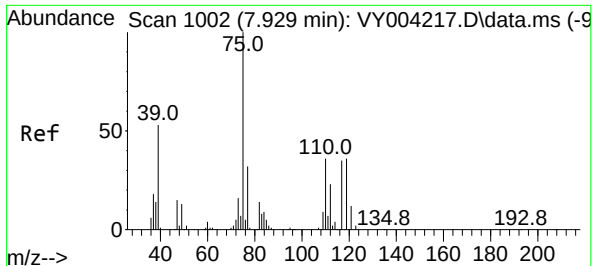
Tgt Ion:	114	Resp:	334726
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.4
88	15.6	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.95 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

Tgt Ion:	113	Resp:	102493
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.6	124.0
192	20.1	16.4	24.6

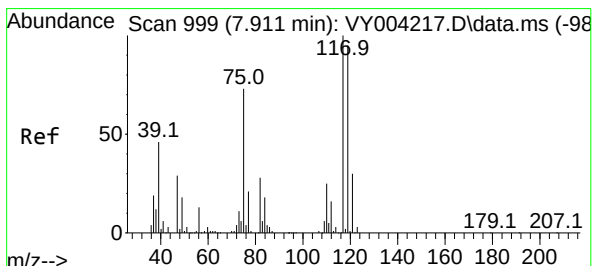
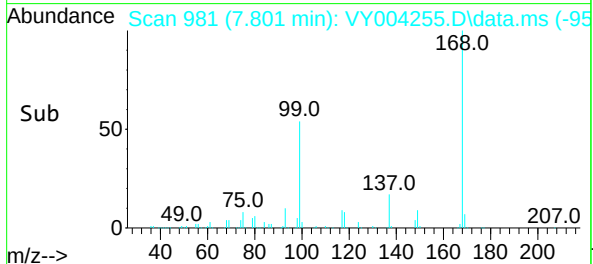
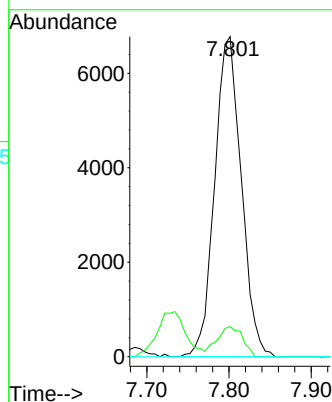
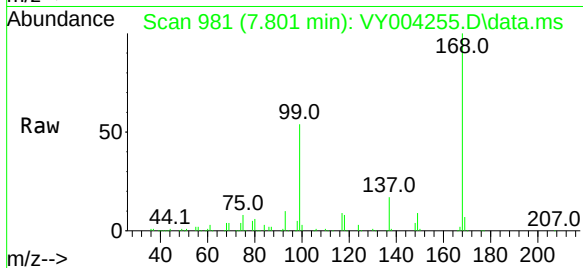




#36
1,1-Dichloropropene
Concen: 4.99 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

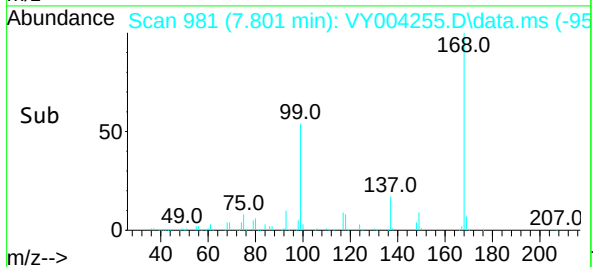
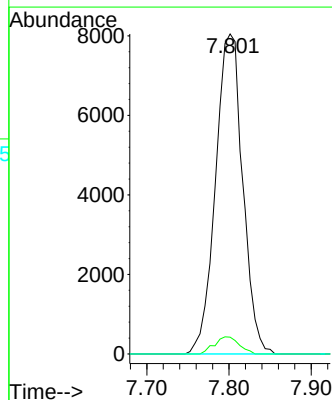
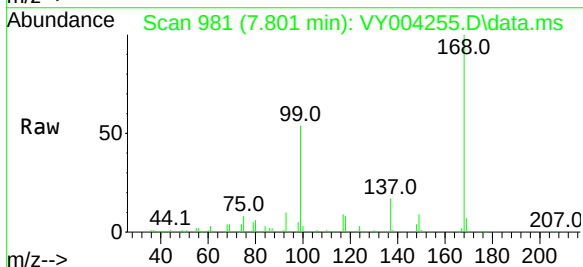
Instrument :
MSVOA_Y
ClientSampleId :
RO-124035

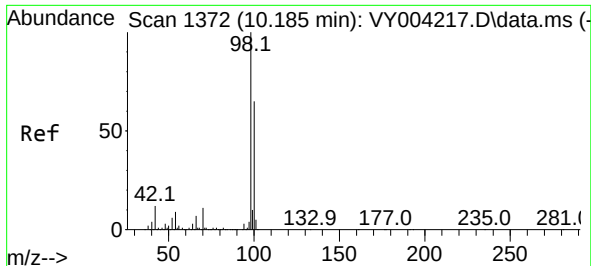
Tgt Ion: 75	Resp: 15234
Ion Ratio	Lower Upper
75 100	
110 9.0	18.1 54.3#
77 0.0	25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.96 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

Tgt Ion: 117	Resp: 18496
Ion Ratio	Lower Upper
117 100	
119 5.2	75.6 113.4#
121 0.0	24.3 36.5#

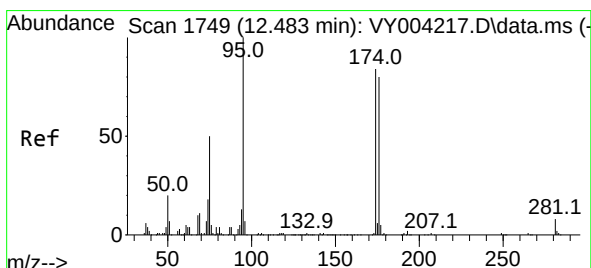
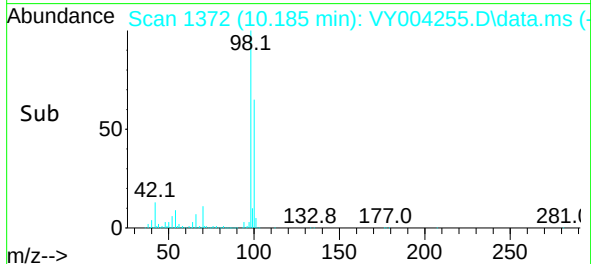
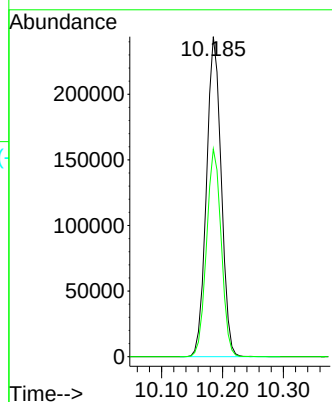
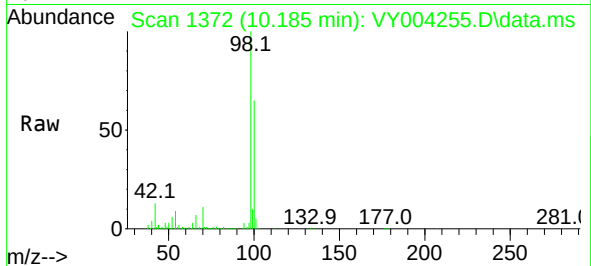




#50
Toluene-d8
Concen: 58.39 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

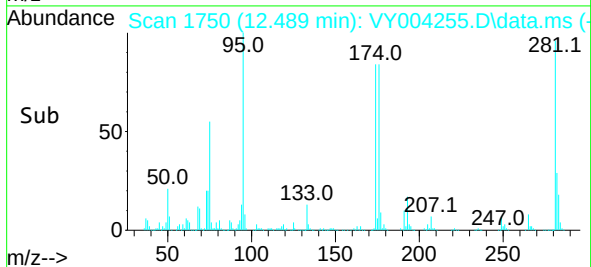
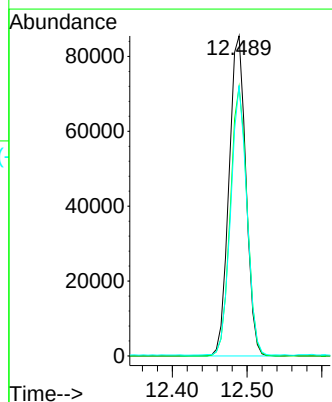
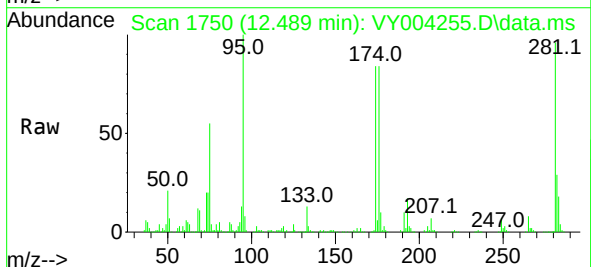
Instrument :
MSVOA_Y
ClientSampleId :
RO-124035

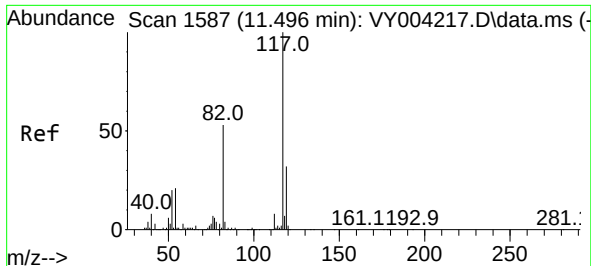
Tgt Ion: 98 Resp: 409571
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 56.07 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

Tgt Ion: 95 Resp: 134806
Ion Ratio Lower Upper
95 100
174 83.0 0.0 171.4
176 80.7 0.0 165.6

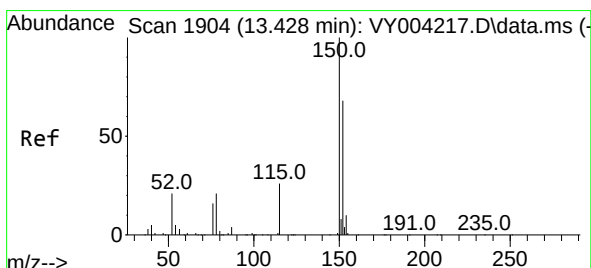
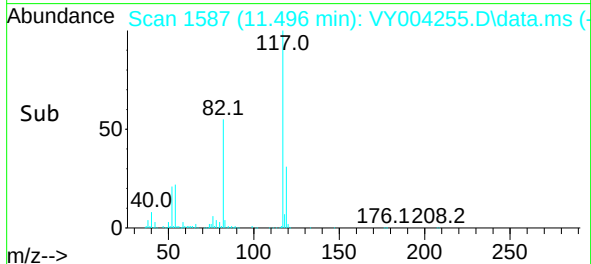
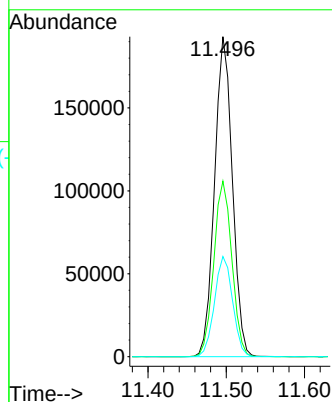
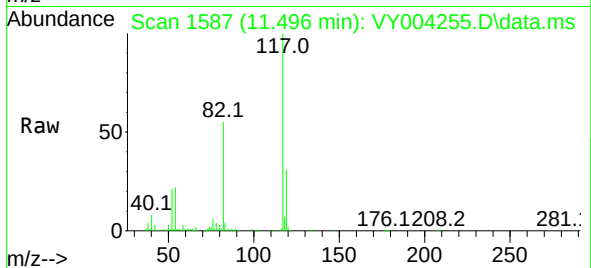




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

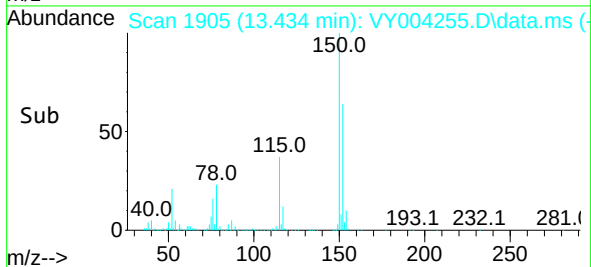
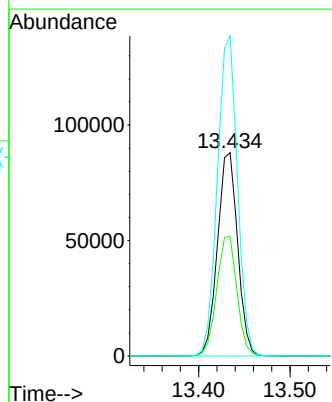
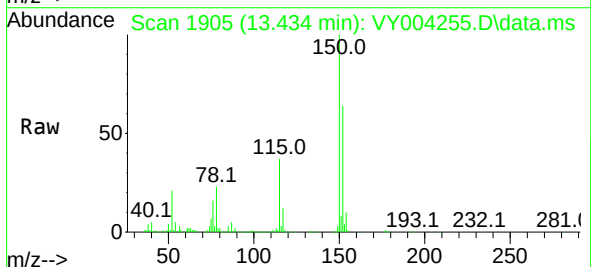
Instrument :
MSVOA_Y
ClientSampleId :
RO-124035

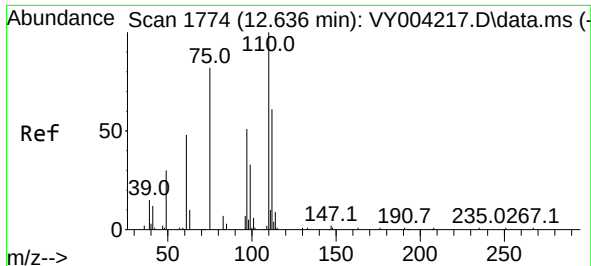
Tgt Ion:117 Resp: 304806
Ion Ratio Lower Upper
117 100
82 54.8 42.7 64.1
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

Tgt Ion:152 Resp: 134879
Ion Ratio Lower Upper
152 100
115 59.4 29.0 87.1
150 157.4 0.0 347.4

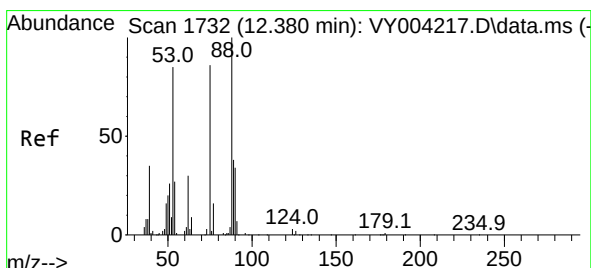
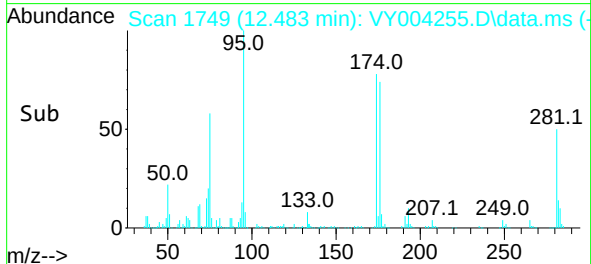
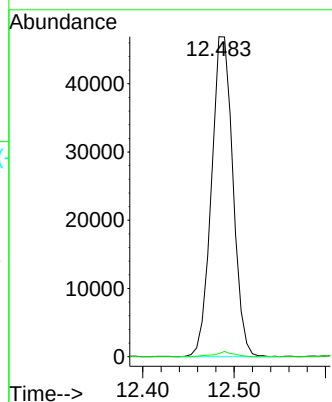
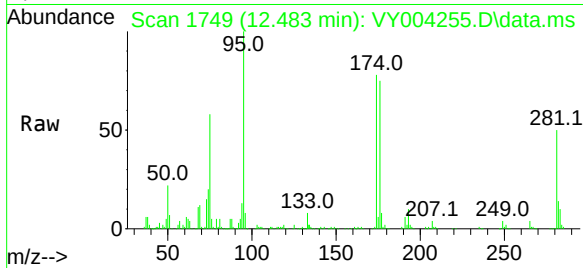




#76
1,2,3-Trichloropropane
Concen: 62.42 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

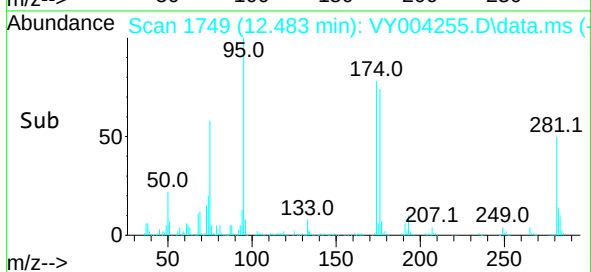
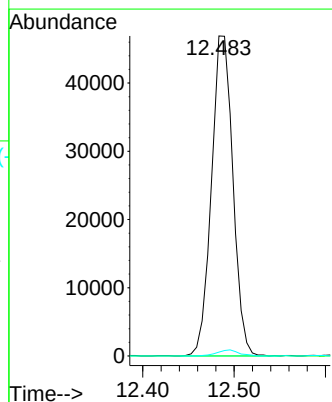
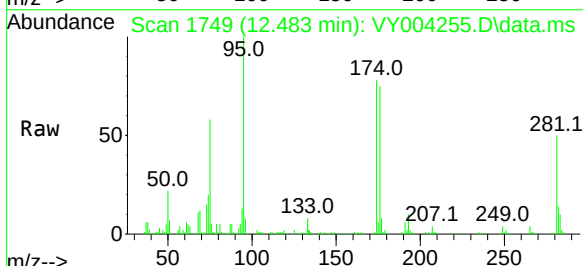
Instrument :
MSVOA_Y
ClientSampleId :
RO-124035

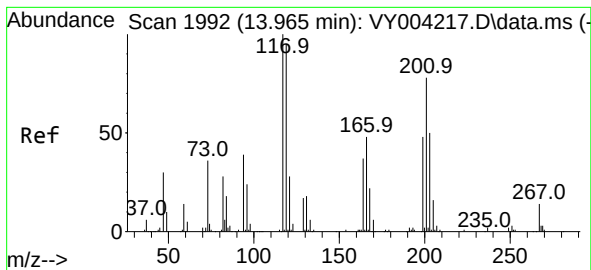
Tgt Ion: 75 Resp: 76448
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.04 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004255.D
Acq: 02 Apr 2021 12:19

Tgt Ion: 75 Resp: 76448
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 1.9 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.32 ug/l
 RT: 13.965 min Scan# 1992
 Delta R.T. -0.000 min
 Lab File: VY004255.D
 Acq: 02 Apr 2021 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-124035

Tgt Ion:117 Resp: 32
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

