

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
 Data File : VY004316.D
 Acq On : 07 Apr 2021 15:41
 Operator : SY/MD
 Sample : M1963-04
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 08 01:01:24 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)

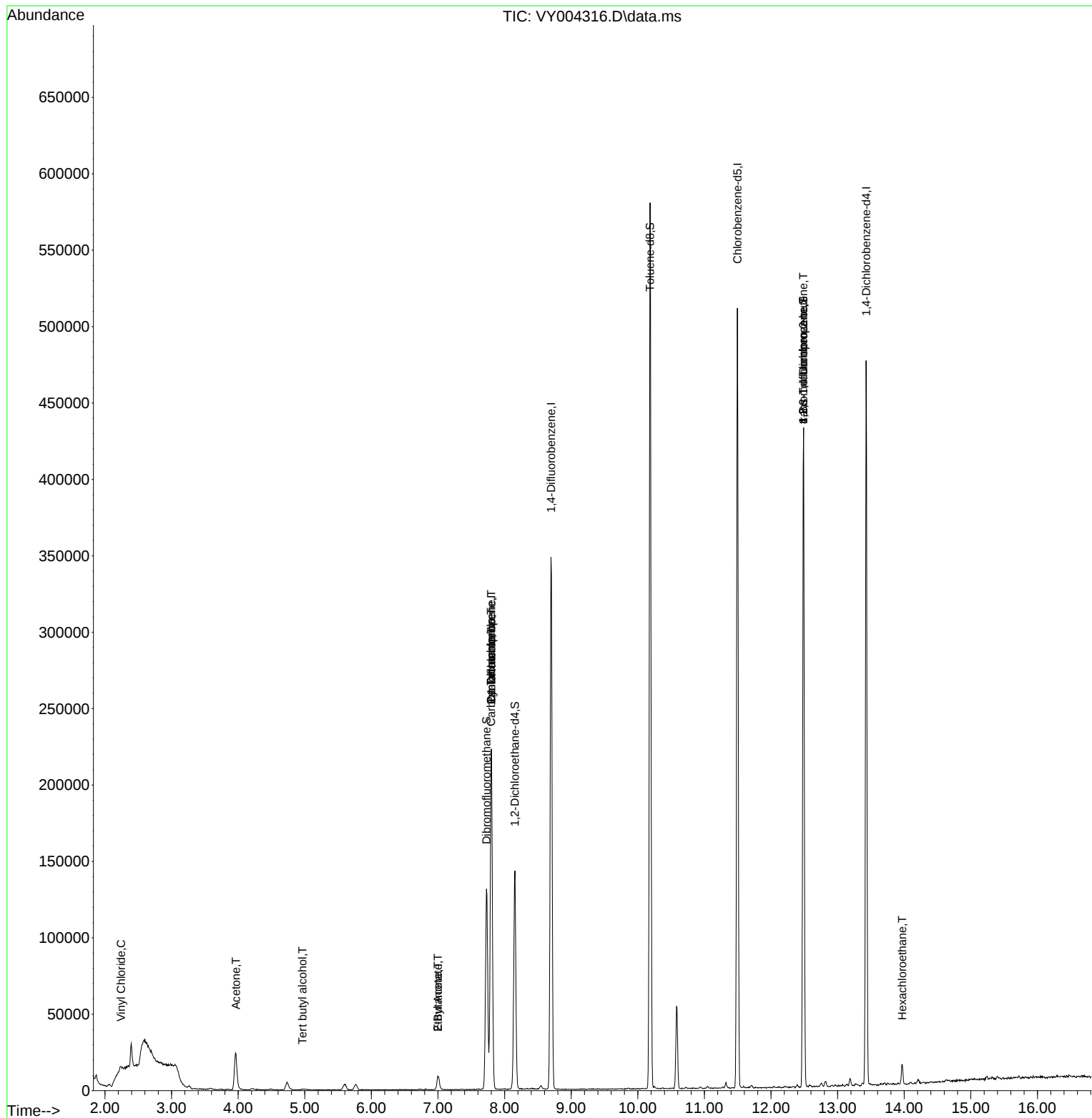
Internal Standards						
1) Pentafluorobenzene	7.801	168	170274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	293390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	267342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	107935	65.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.88%
35) Dibromofluoromethane	7.728	113	91069	55.71	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.42%
50) Toluene-d8	10.185	98	358115	58.24	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.48%
62) 4-Bromofluorobenzene	12.483	95	114466	54.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.64%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.241	62	9884	4.46	ug/l #	42
11) Tert butyl alcohol	4.966	59	655	4.92	ug/l #	71
13) Acrolein	3.735	56	368	Below	Cal	86
16) Acetone	3.966	43	42336	124.14	ug/l	96
20) Methylene Chloride	4.735	84	3343	Below	Cal	94
25) 2-Butanone	6.996	43	15995	28.08	ug/l	97
31) Cyclohexane	7.801	56	3889	1.34	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	13803	5.15	ug/l #	49
37) Ethyl Acetate	6.996	43	15995	10.18	ug/l #	70
38) Carbon Tetrachloride	7.795	117	17086	7.34	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	63413	61.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63413	113.77	ug/l #	10
90) Hexachloroethane	13.971	117	19	7.31	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
Data File : VY004316.D
Acq On : 07 Apr 2021 15:41
Operator : SY/MD
Sample : M1963-04
Misc : 5.06G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 08 01:01:24 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

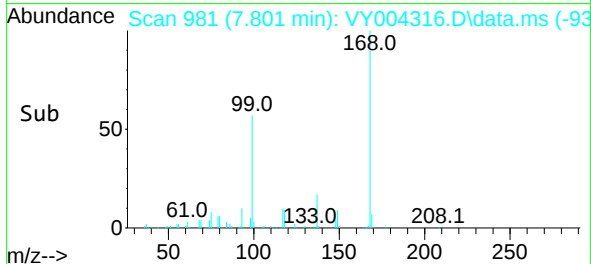
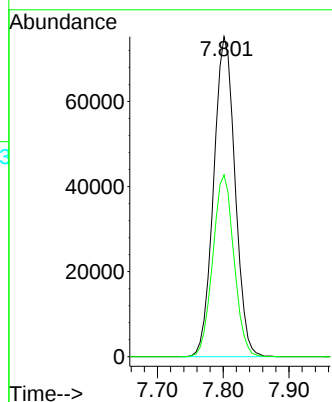
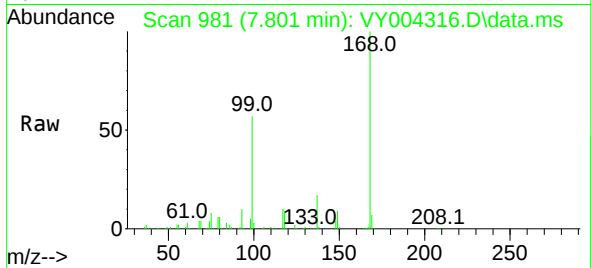




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

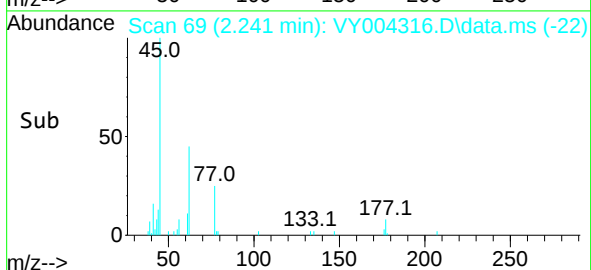
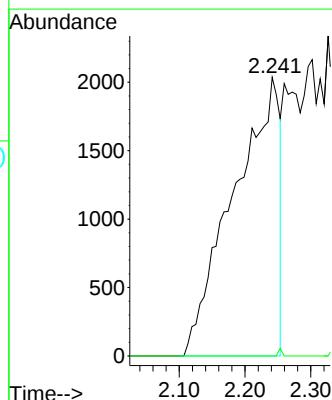
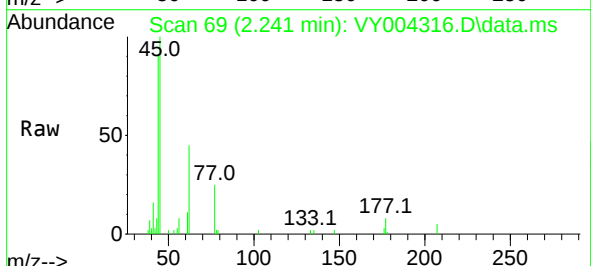
Instrument :
MSVOA_Y
ClientSampleId :

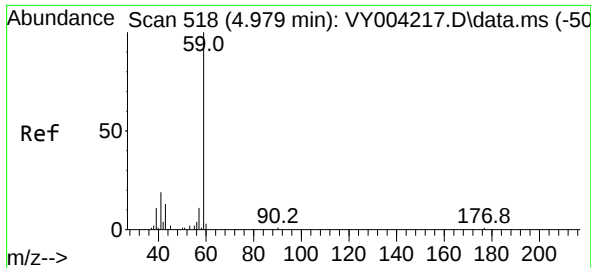
Tgt Ion:168 Resp: 170274
Ion Ratio Lower Upper
168 100
99 56.8 42.6 64.0



#4
Vinyl Chloride
Concen: 4.46 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.012 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

Tgt Ion: 62 Resp: 9884
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

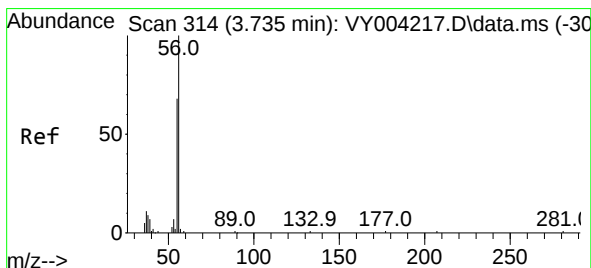
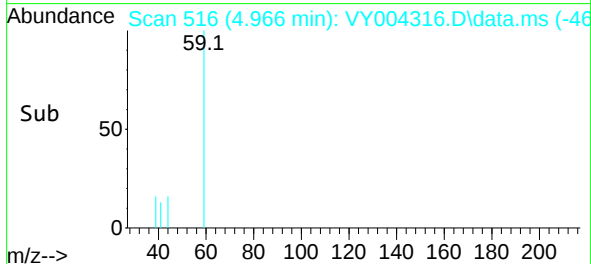
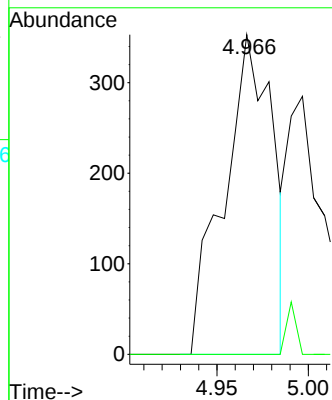
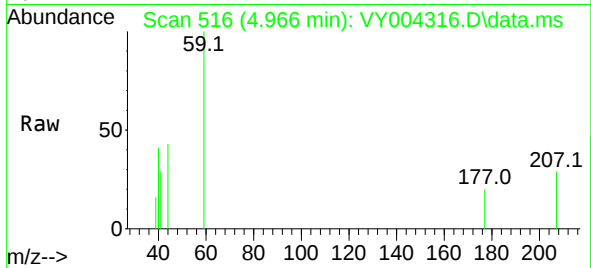




#11
Tert butyl alcohol
Concen: 4.92 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

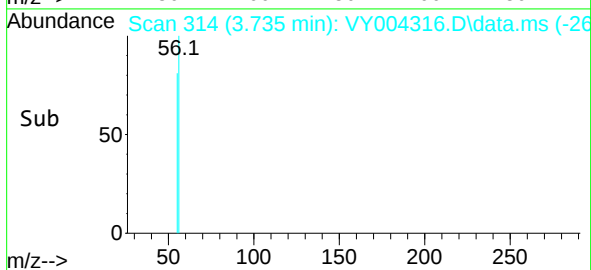
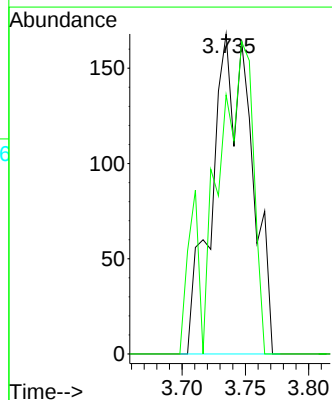
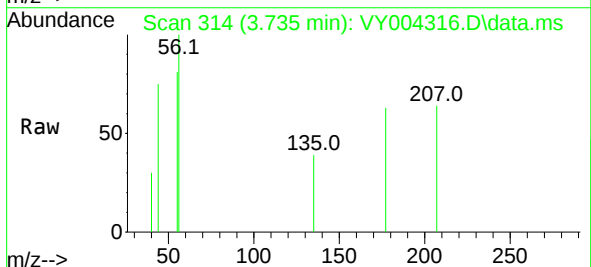
Instrument :
MSVOA_Y
ClientSampled :

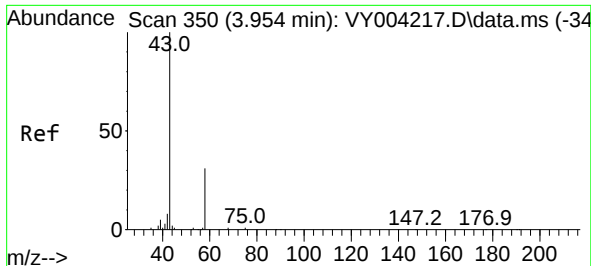
Tgt Ion: 59 Resp: 655
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

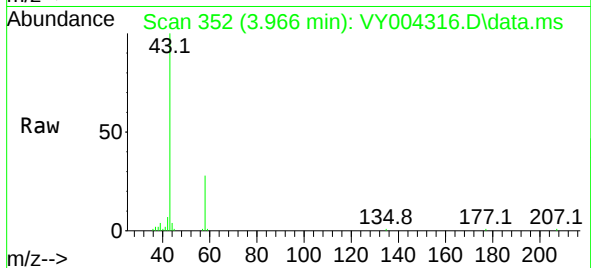
Tgt Ion: 56 Resp: 368
Ion Ratio Lower Upper
56 100
55 80.4 55.0 82.4



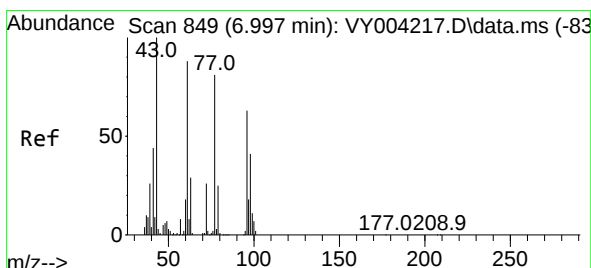
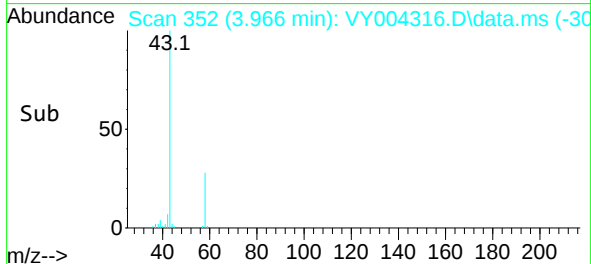
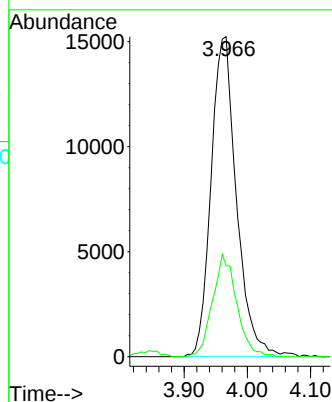


#16
Acetone
Concen: 124.14 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

Instrument :
MSVOA_Y
ClientSampled :

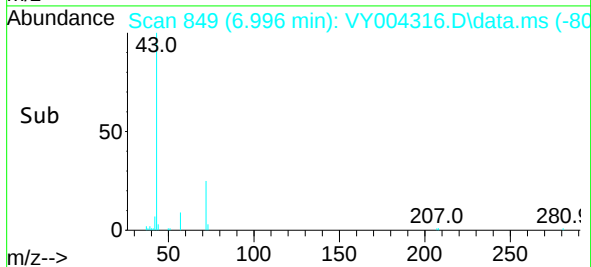
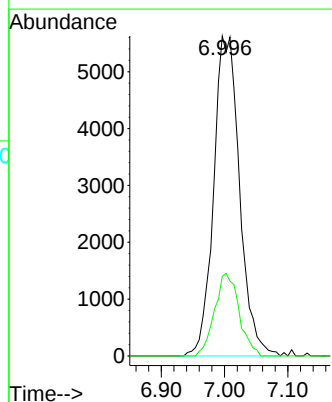
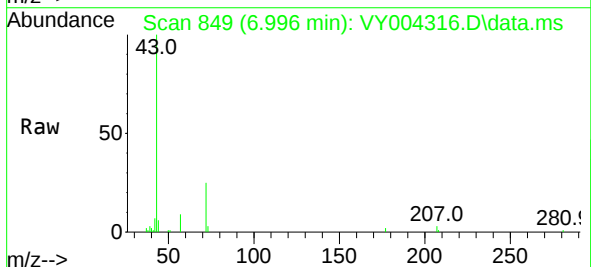


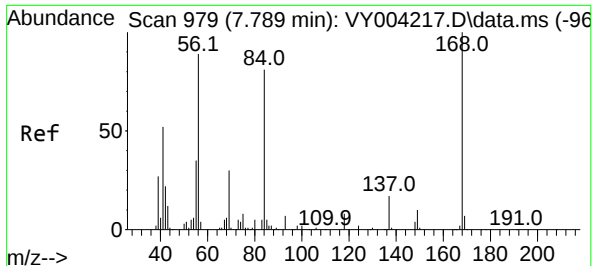
Tgt Ion: 43 Resp: 42336
Ion Ratio Lower Upper
43 100
58 28.4 24.5 36.7



#25
2-Butanone
Concen: 28.08 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

Tgt Ion: 43 Resp: 15995
Ion Ratio Lower Upper
43 100
72 24.9 21.0 31.6

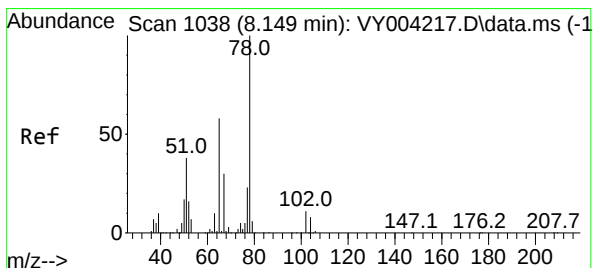
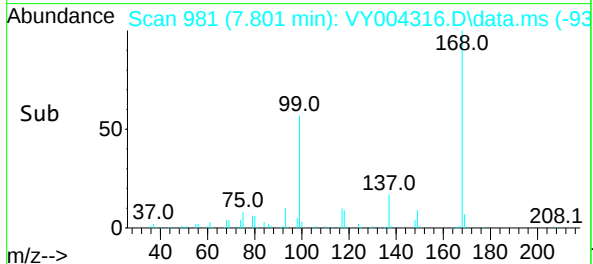
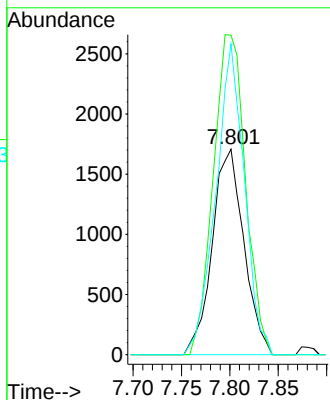
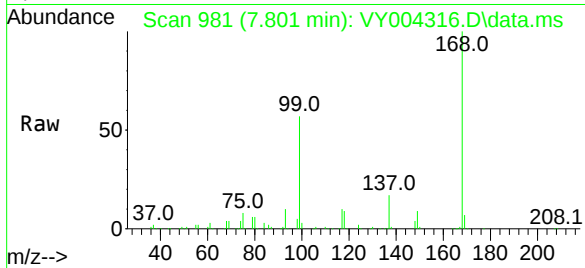




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

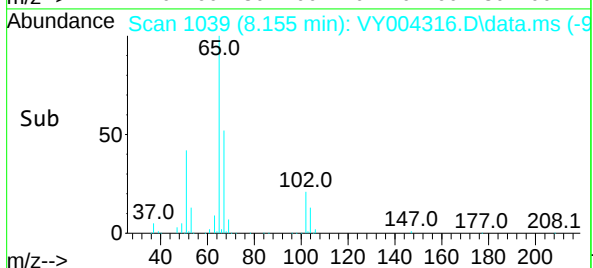
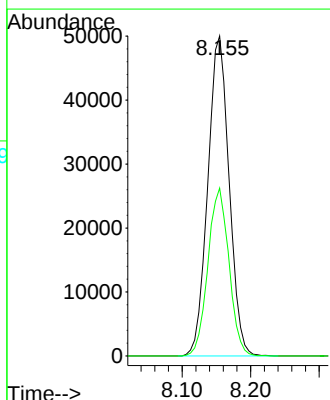
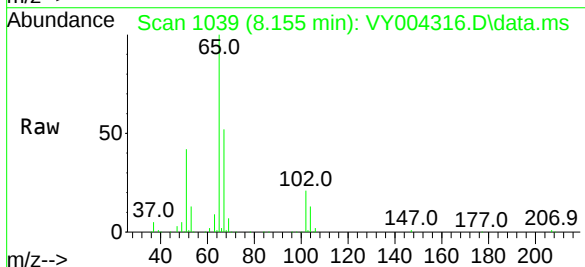
Instrument :
MSVOA_Y
ClientSampled :

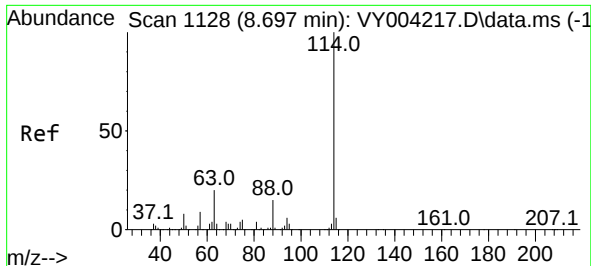
Tgt Ion: 56 Resp: 3889
Ion Ratio Lower Upper
56 100
69 155.5 26.6 40.0#
84 151.1 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 65.94 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

Tgt Ion: 65 Resp: 107935
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.2

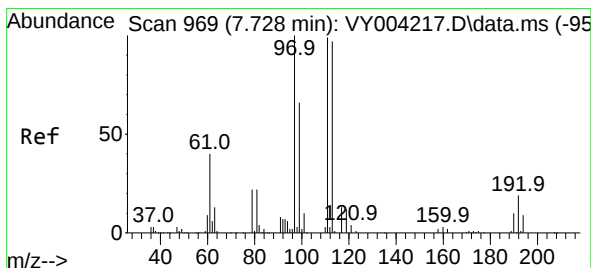
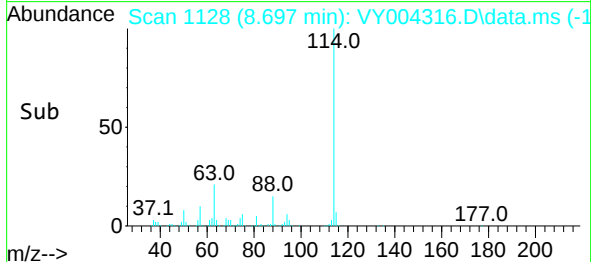
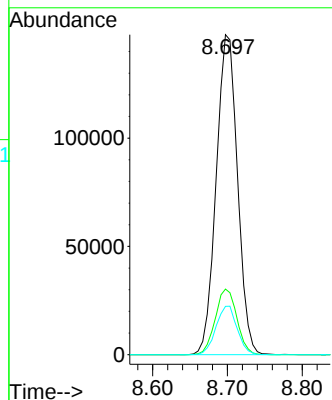
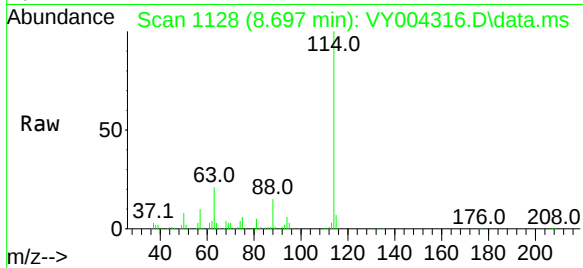




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

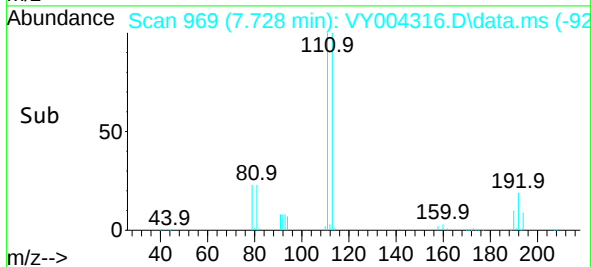
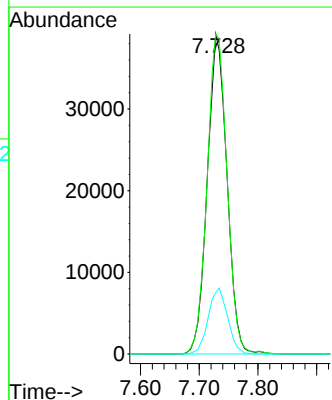
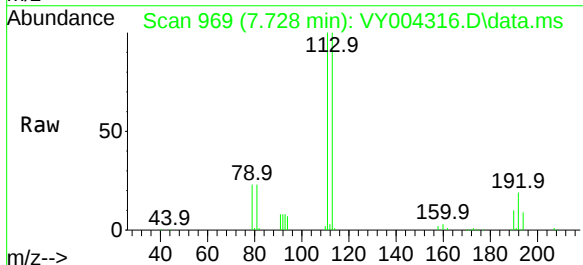
Instrument :
MSVOA_Y
ClientSampled :

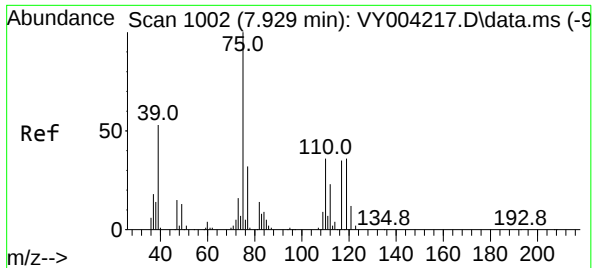
Tgt Ion:114 Resp: 293390
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.4
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.71 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

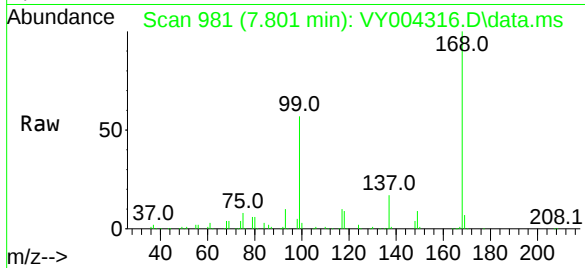
Tgt Ion:113 Resp: 91069
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 20.2 16.4 24.6



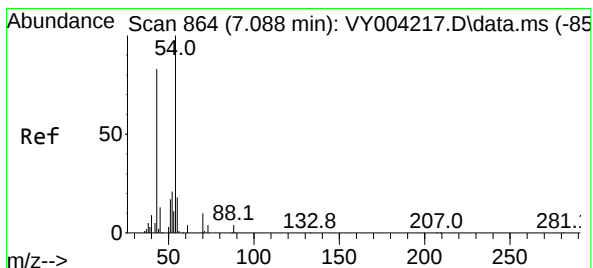
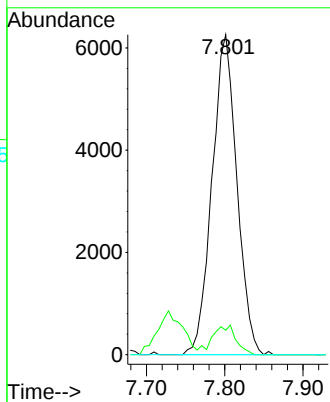
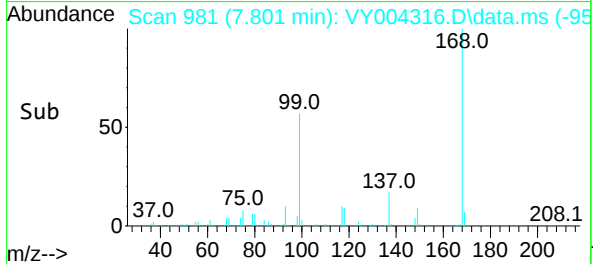


#36
1,1-Dichloropropene
Concen: 5.15 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

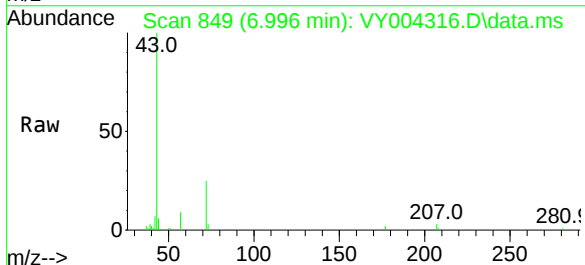
Instrument :
MSVOA_Y
ClientSampled :



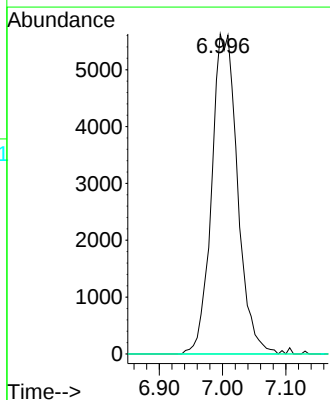
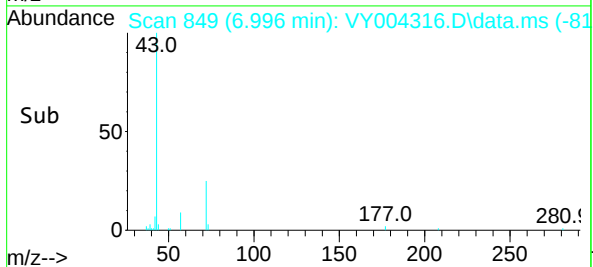
Tgt Ion: 75 Resp: 13803
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.3#
77 0.0 25.1 37.7#

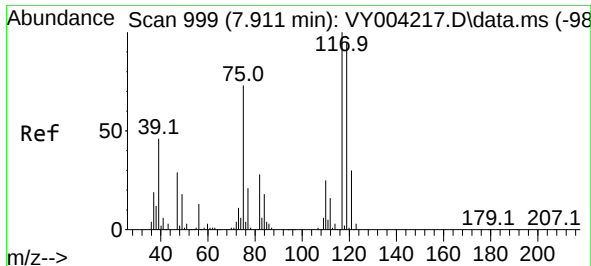


#37
Ethyl Acetate
Concen: 10.18 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.092 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41



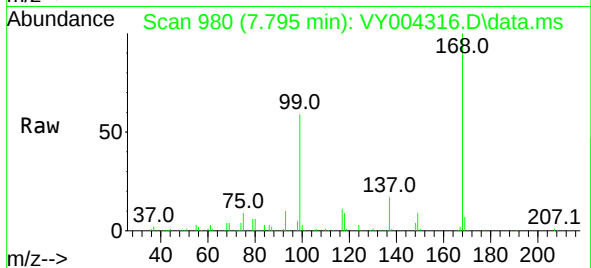
Tgt Ion: 43 Resp: 15995
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 0.0 8.0 12.0#



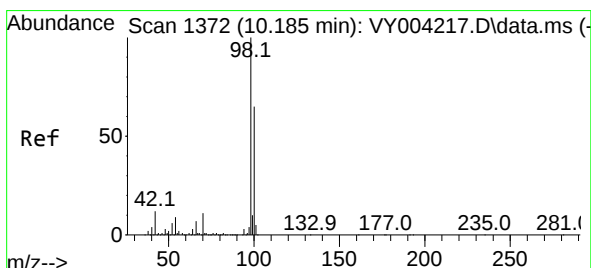
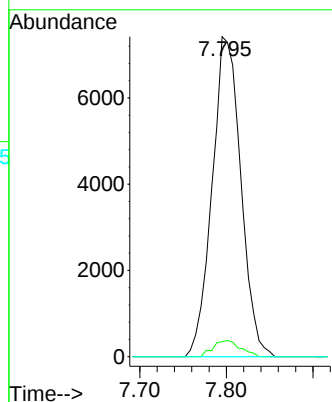
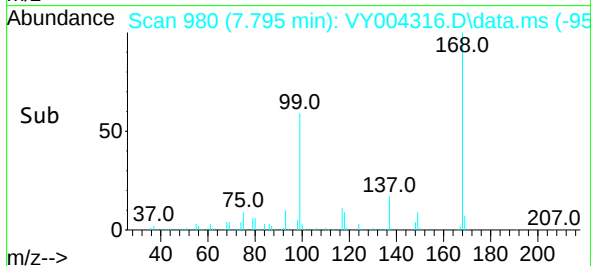


#38
Carbon Tetrachloride
Concen: 7.34 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

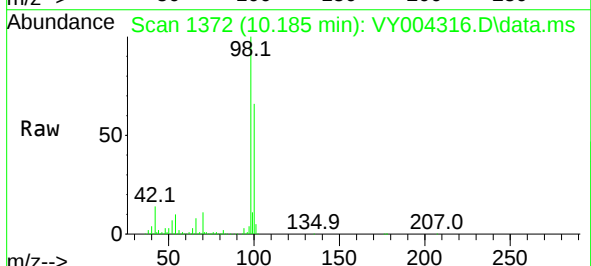
Instrument :
MSVOA_Y
ClientSampled :



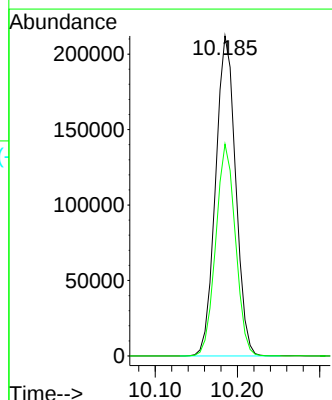
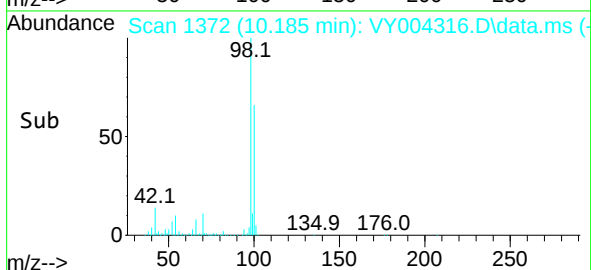
Tgt Ion:117 Resp: 17086
Ion Ratio Lower Upper
117 100
119 4.7 75.6 113.4#
121 0.0 24.3 36.5#

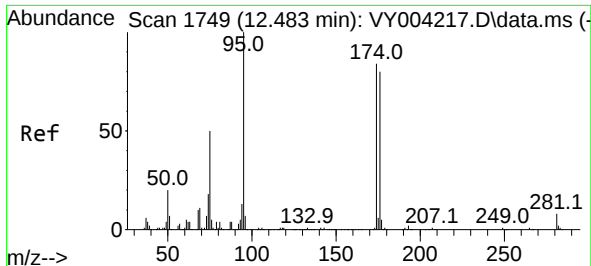


#50
Toluene-d8
Concen: 58.24 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41



Tgt Ion: 98 Resp: 358115
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7

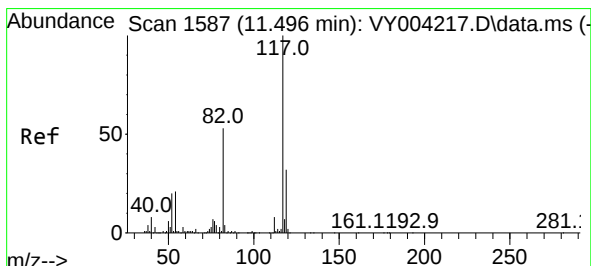
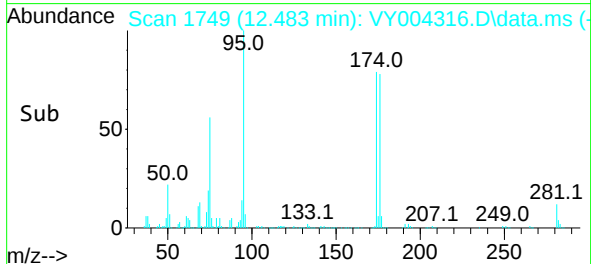
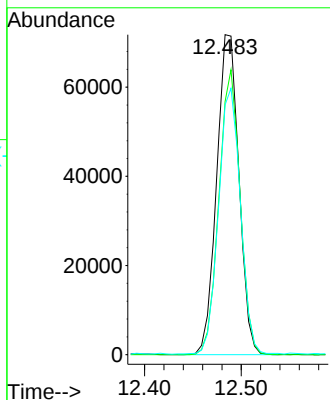
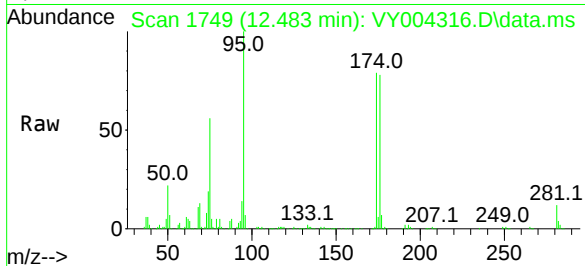




#62
4-Bromofluorobenzene
Concen: 54.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

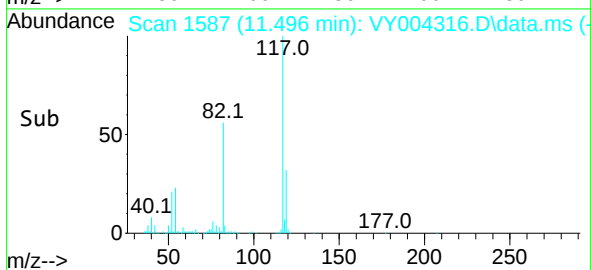
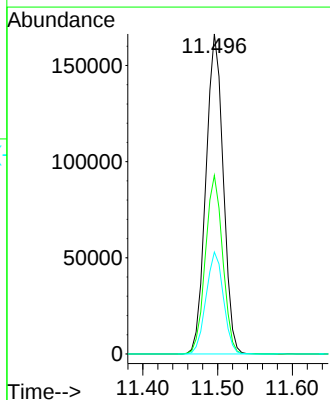
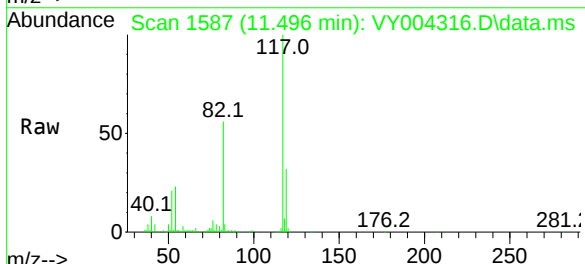
Instrument :
MSVOA_Y
ClientSampleId :

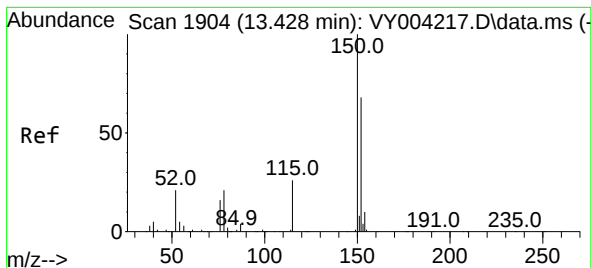
Tgt Ion:	95	Resp:	114466
Ion Ratio	Lower	Upper	
95	100		
174	84.6	0.0	171.4
176	82.0	0.0	165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

Tgt Ion:	117	Resp:	267342
Ion Ratio	Lower	Upper	
117	100		
82	55.8	42.7	64.1
119	31.9	25.7	38.5

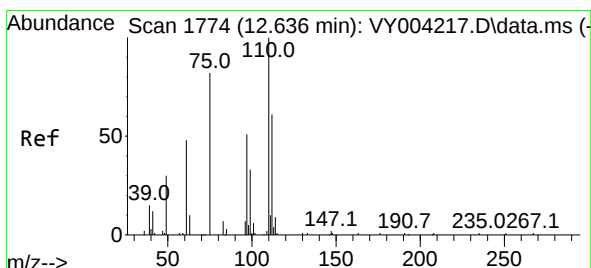
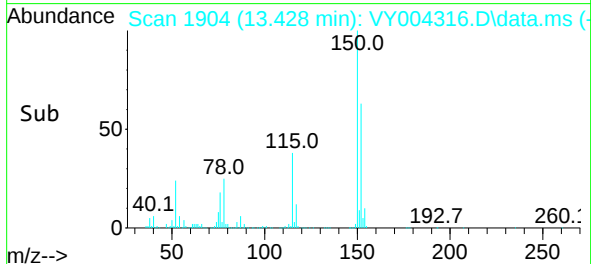
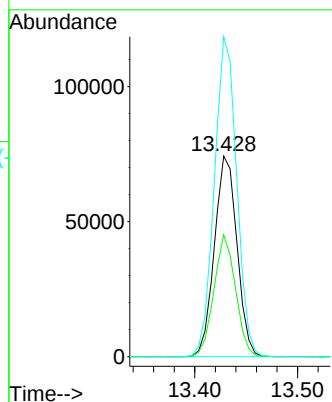
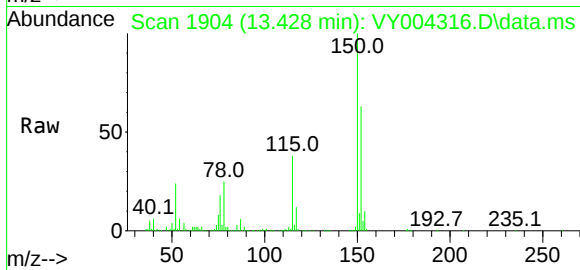




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004316.D
 Acq: 07 Apr 2021 15:41

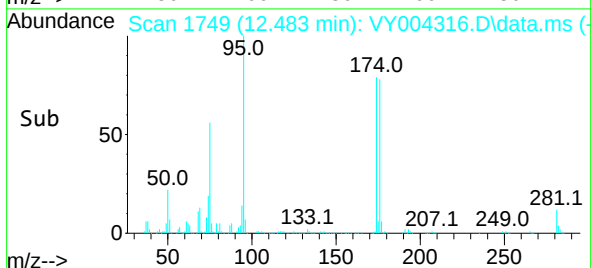
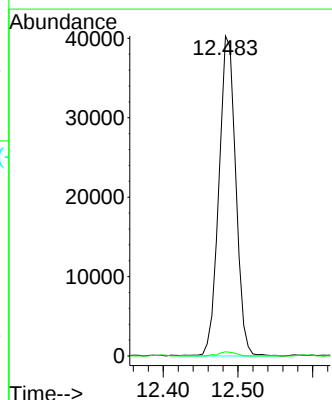
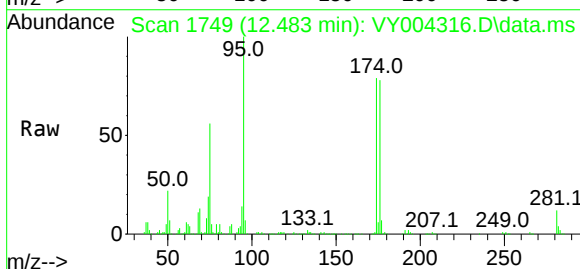
Instrument :
 MSVOA_Y
 ClientSampleId :

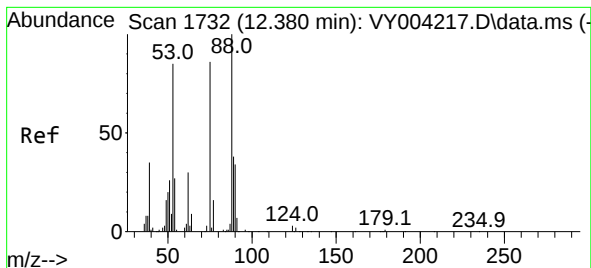
Tgt Ion:152 Resp: 113123
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.0 87.1
 150 158.0 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 61.73 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004316.D
 Acq: 07 Apr 2021 15:41

Tgt Ion: 75 Resp: 63413
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

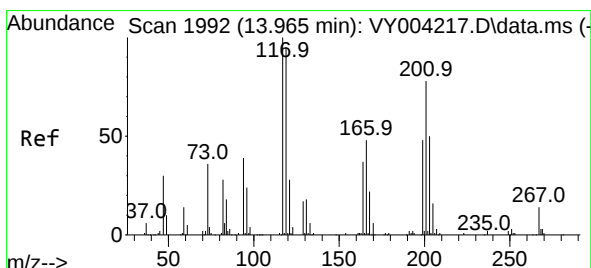
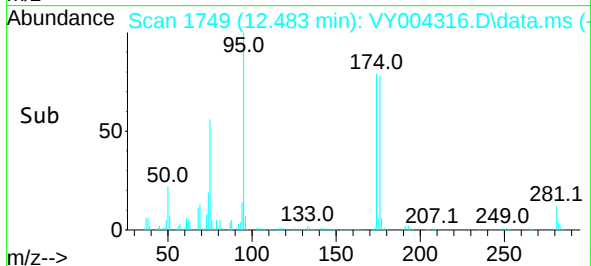
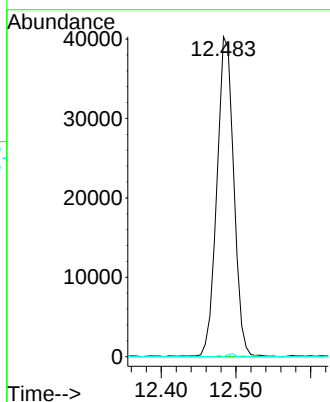
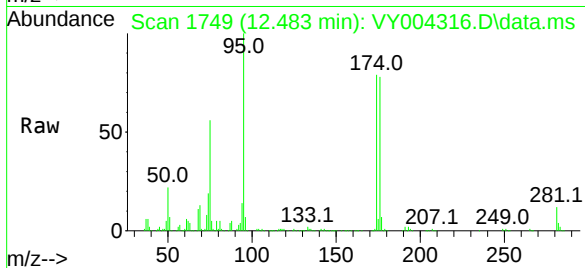




#81
trans-1,4-Dichloro-2-butene
Concen: 113.77 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63413
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.6 39.4 59.2#



#90
Hexachloroethane
Concen: 7.31 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

Tgt Ion: 117 Resp: 19
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

