

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
 Data File : VY004399.D
 Acq On : 13 Apr 2021 10:22
 Operator : SY/MD
 Sample : VY0413SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 01:22:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

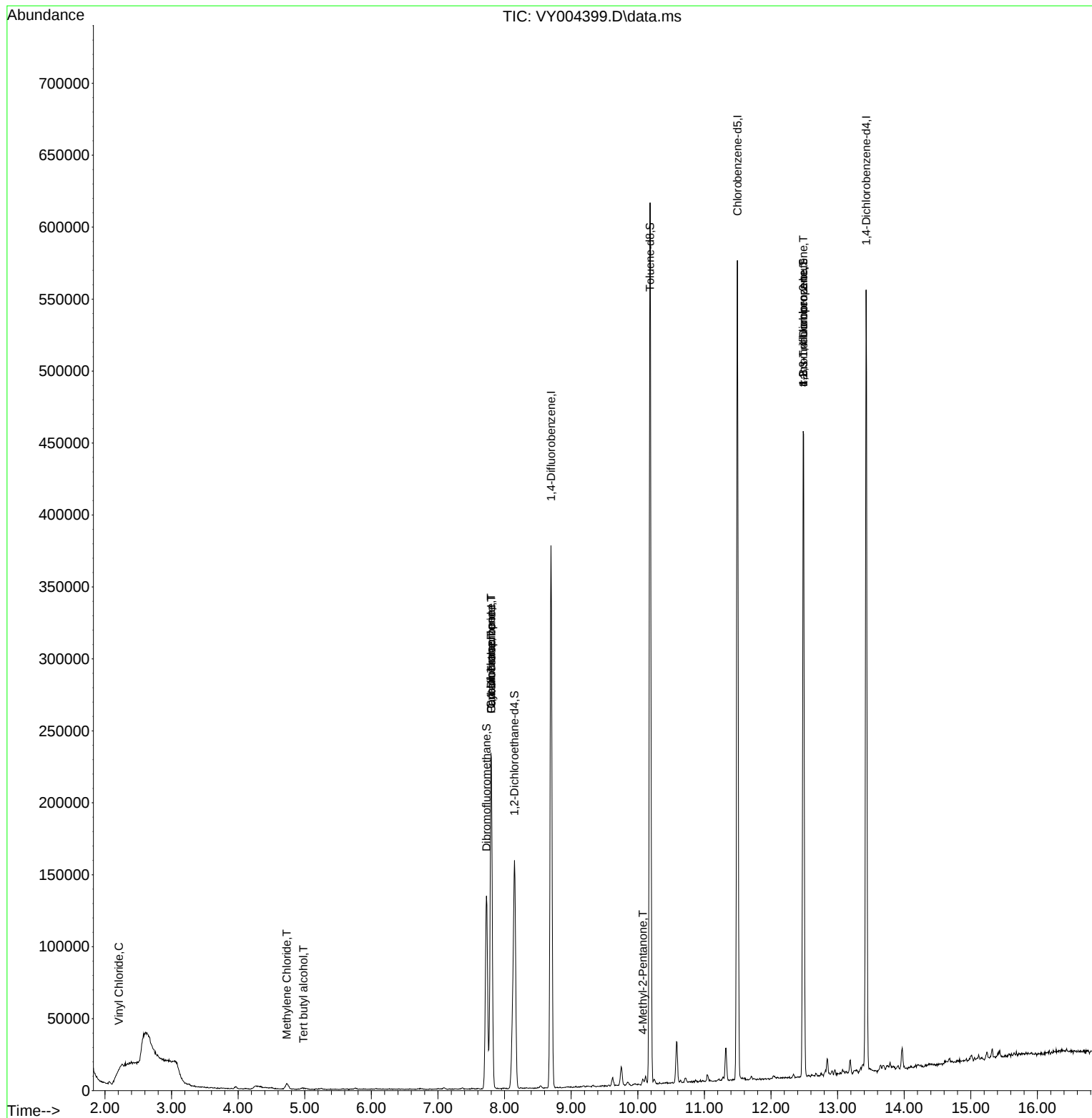
Internal Standards						
1) Pentafluorobenzene	7.801	168	177346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	288420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110775	56.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.44%
35) Dibromofluoromethane	7.728	113	92778	54.30	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.60%
50) Toluene-d8	10.185	98	380254	52.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.64%
62) 4-Bromofluorobenzene	12.483	95	129692	52.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.16%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.211	62	4005	1.60	ug/l #	43
11) Tert butyl alcohol	4.979	59	1667	8.58	ug/l #	88
16) Acetone	3.967	43	2421	Below Cal		93
20) Methylene Chloride	4.729	84	2881	1.51	ug/l #	86
31) Cyclohexane	7.795	56	4429	1.23	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14475	4.73	ug/l #	50
38) Carbon Tetrachloride	7.801	117	17791	6.73	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	2810	1.46	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	70673	50.77	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70673	90.82	ug/l #	12

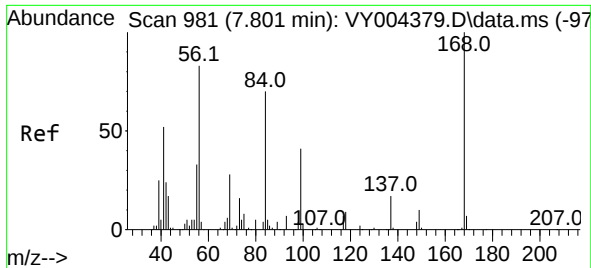
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
Data File : VY004399.D
Acq On : 13 Apr 2021 10:22
Operator : SY/MD
Sample : VY0413SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

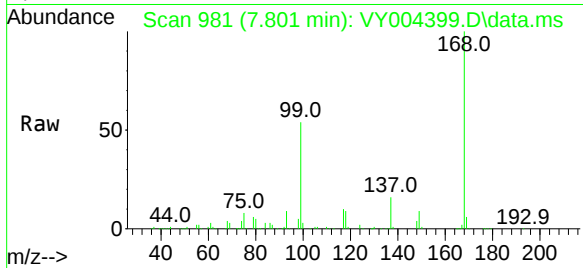
Quant Time: Apr 14 01:22:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



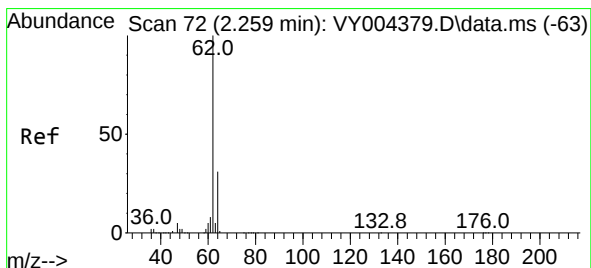
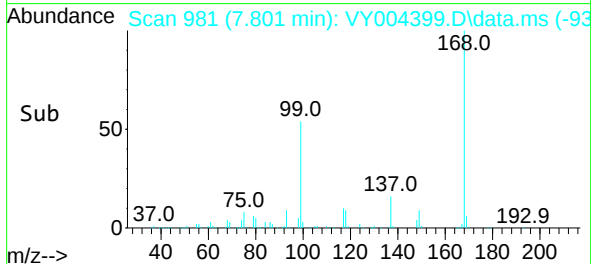
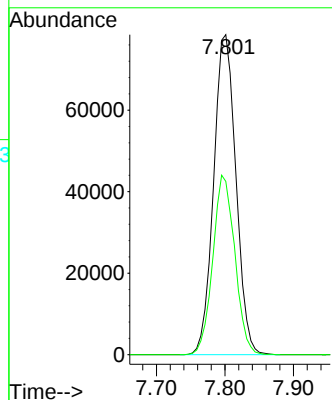


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22

Instrument :
MSVOA_Y
ClientSampled :

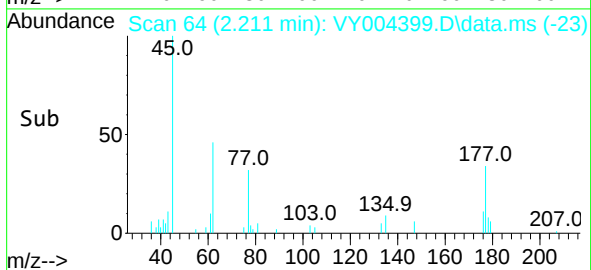
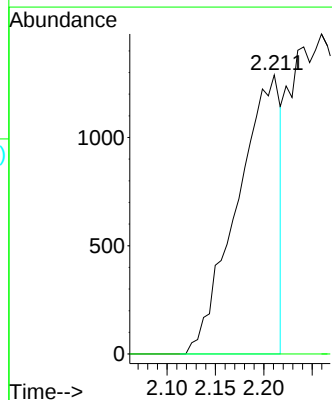
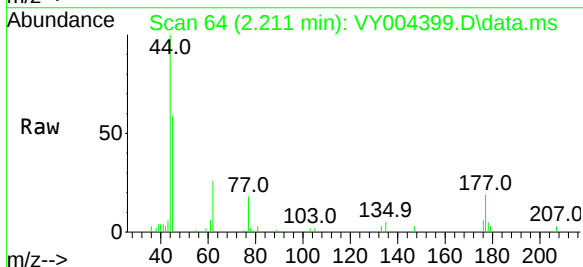


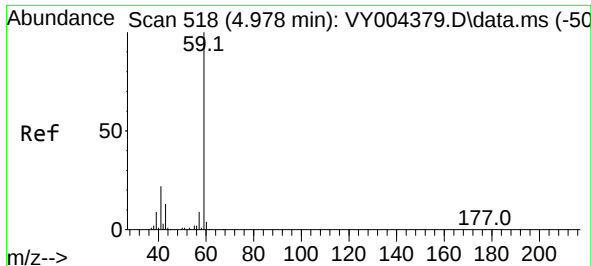
Tgt Ion:168 Resp: 177346
Ion Ratio Lower Upper
168 100
99 54.1 45.5 68.3



#4
Vinyl Chloride
Concen: 1.60 ug/l
RT: 2.211 min Scan# 64
Delta R.T. -0.048 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22

Tgt Ion: 62 Resp: 4005
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



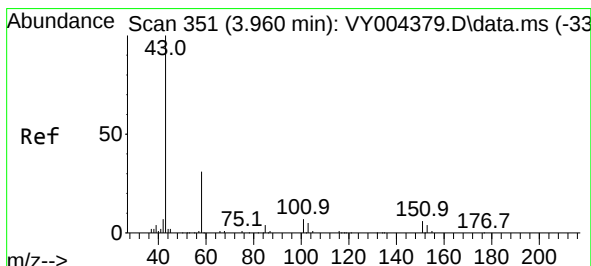
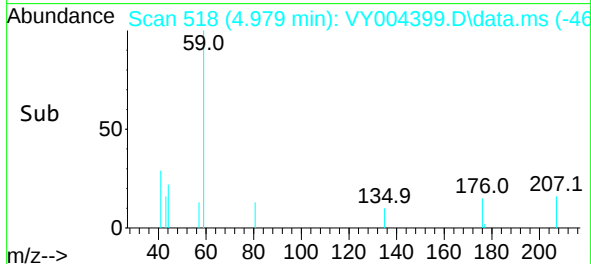
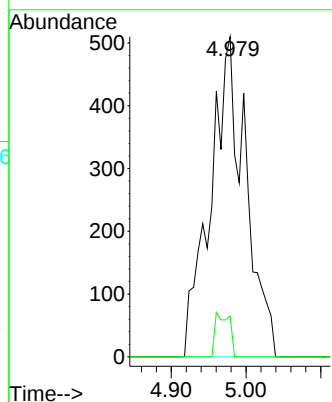
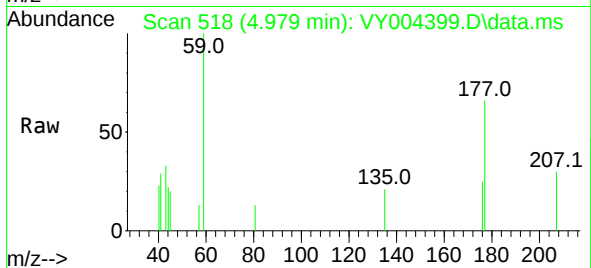


#11

Tert butyl alcohol
Concen: 8.58 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22

Instrument :
MSVOA_Y
ClientSampled :

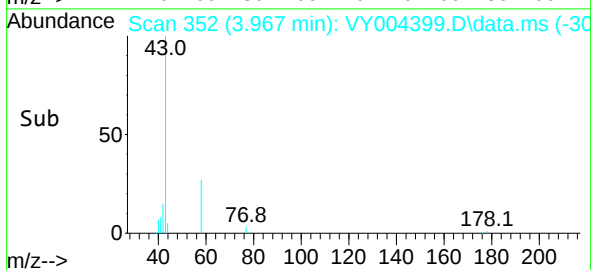
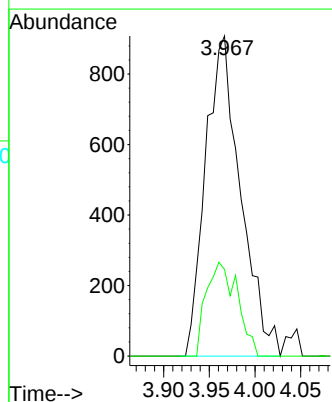
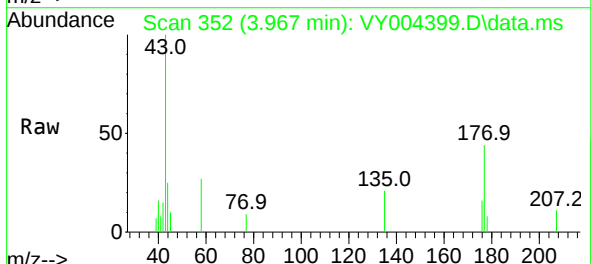
Tgt Ion: 59 Resp: 1667
Ion Ratio Lower Upper
59 100
57 5.6 8.1 12.1#

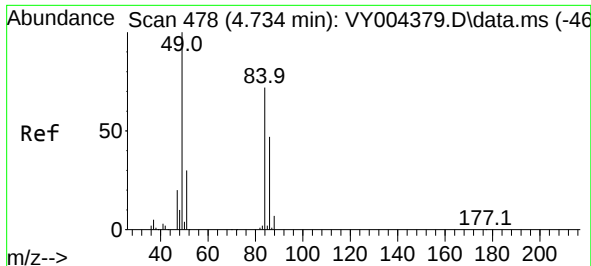


#16

Acetone
Concen: Below Cal
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22

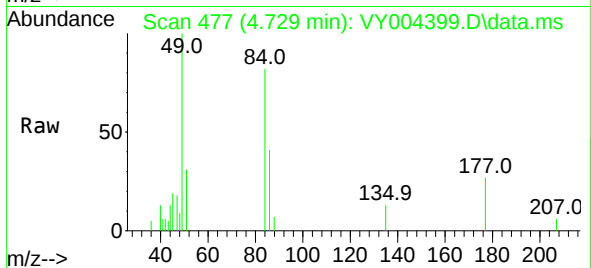
Tgt Ion: 43 Resp: 2421
Ion Ratio Lower Upper
43 100
58 27.1 24.6 37.0



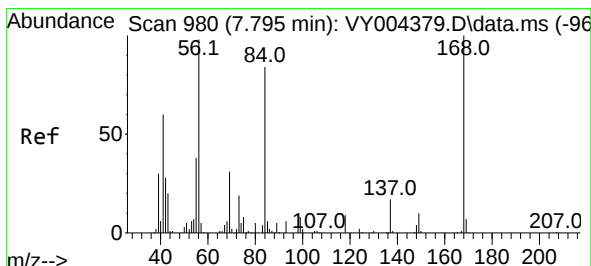
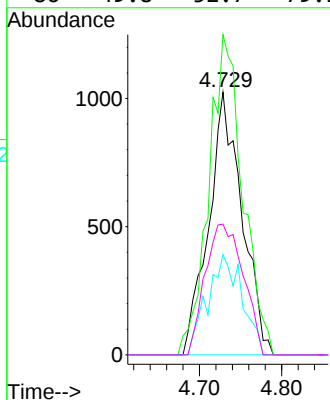
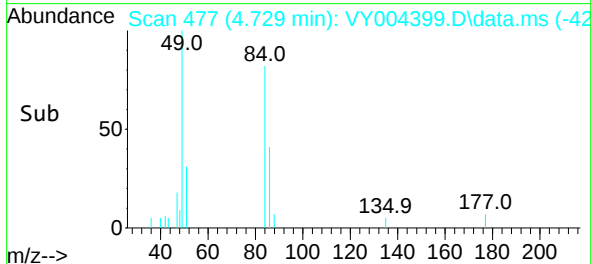


#20
Methylene Chloride
Concen: 1.51 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22

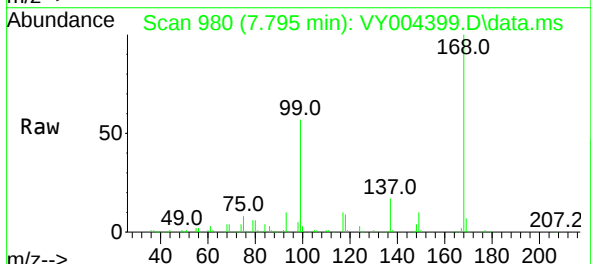
Instrument :
MSVOA_Y
ClientSampled :



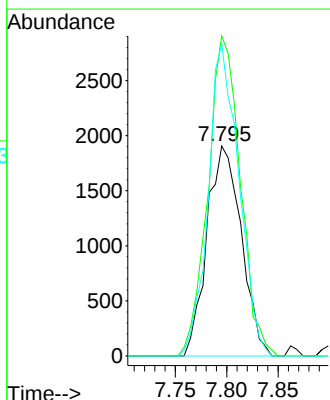
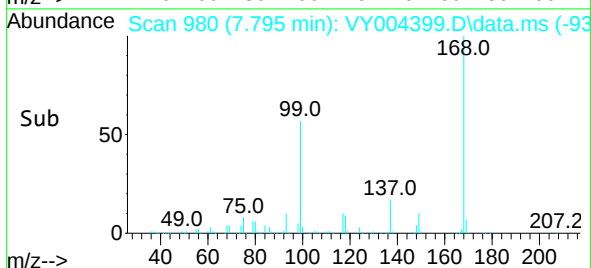
Tgt Ion: 84 Resp: 2881
Ion Ratio Lower Upper
84 100
49 122.0 111.2 166.8
51 38.2 33.4 50.2
86 49.8 52.7 79.1#

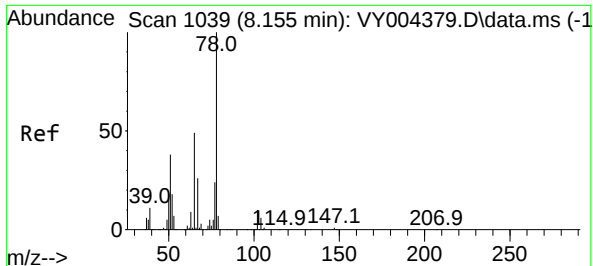


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22



Tgt Ion: 56 Resp: 4429
Ion Ratio Lower Upper
56 100
69 152.4 25.8 38.6#
84 148.6 68.2 102.4#

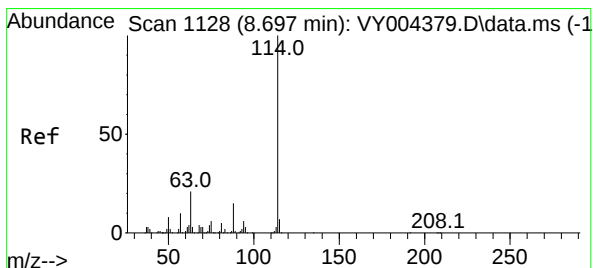
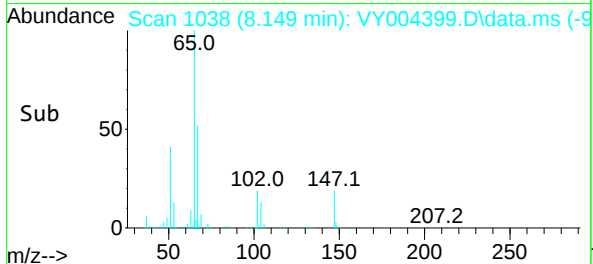
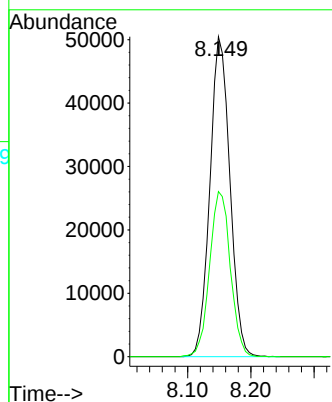
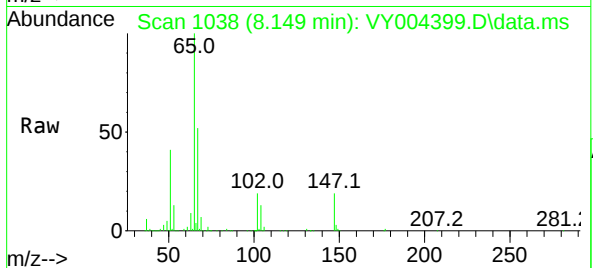




#33
 1,2-Dichloroethane-d4
 Concen: 56.22 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004399.D
 Acq: 13 Apr 2021 10:22

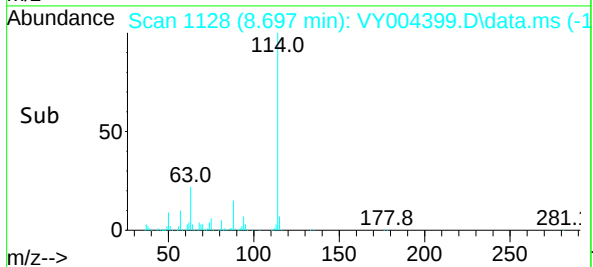
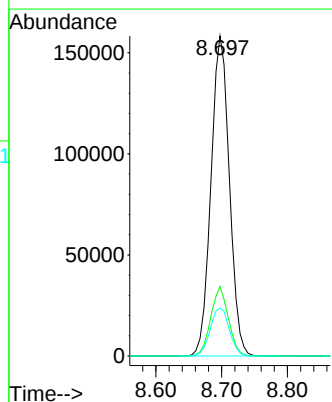
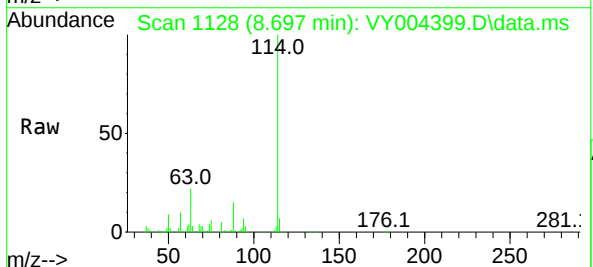
Instrument :
 MSVOA_Y
 ClientSampleId :

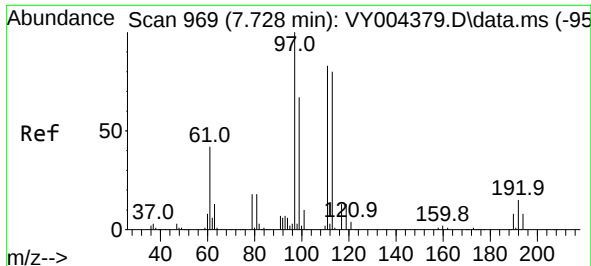
Tgt Ion: 65 Resp: 110775
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004399.D
 Acq: 13 Apr 2021 10:22

Tgt Ion: 114 Resp: 307910
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.4
 88 15.0 0.0 30.8

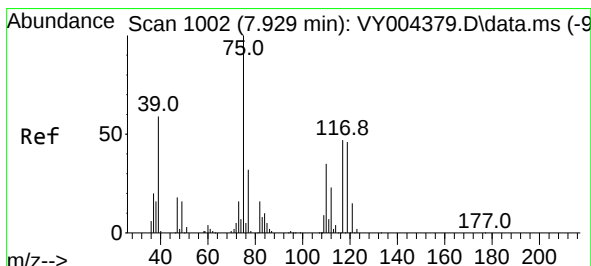
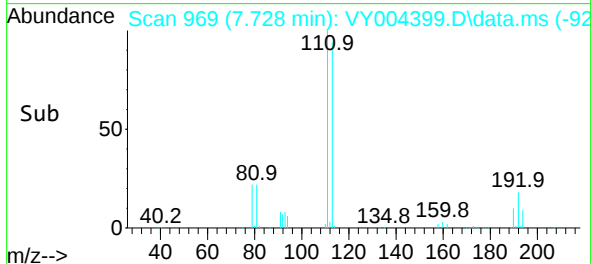
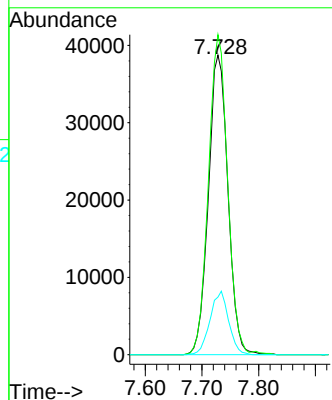
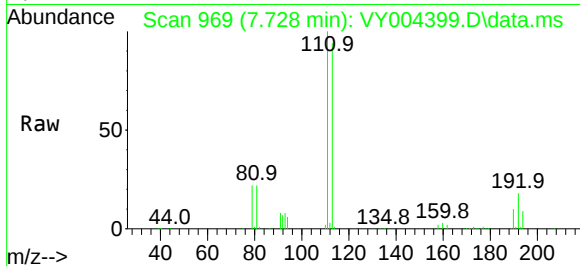




#35
Dibromofluoromethane
Concen: 54.30 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22

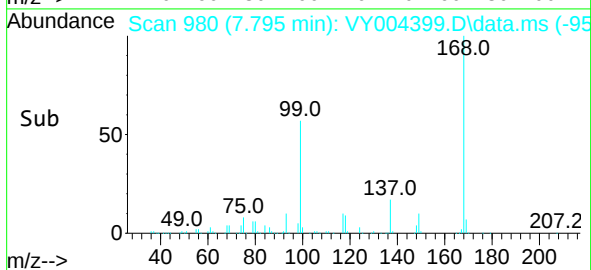
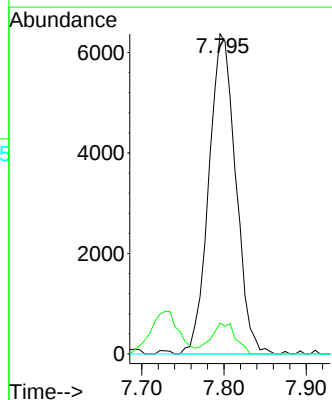
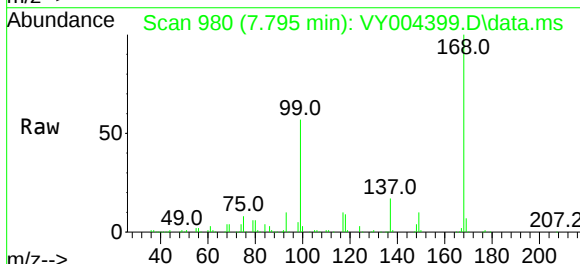
Instrument :
MSVOA_Y
ClientSampled :

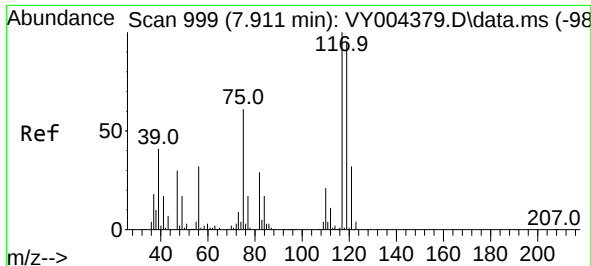
Tgt Ion:	113	Resp:	92778
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.6	123.8
192	20.1	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22

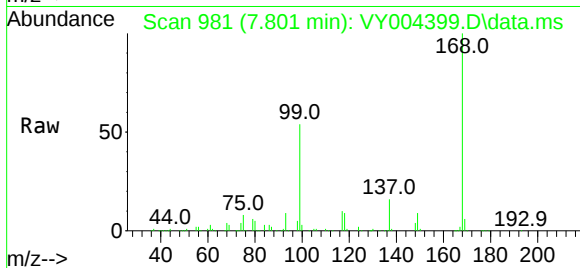
Tgt Ion:	75	Resp:	14475
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.3	51.7#
77	0.0	24.3	36.5#



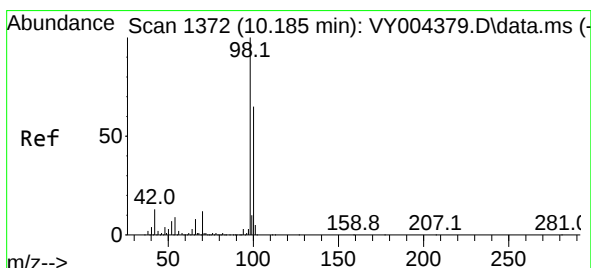
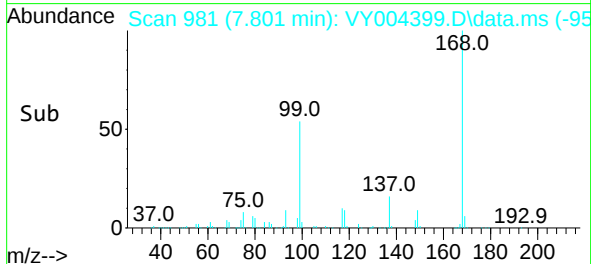
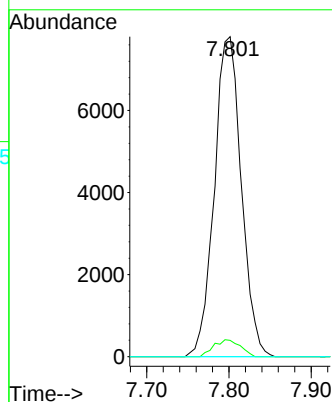


#38
Carbon Tetrachloride
Concen: 6.73 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22

Instrument :
MSVOA_Y
ClientSampleId :

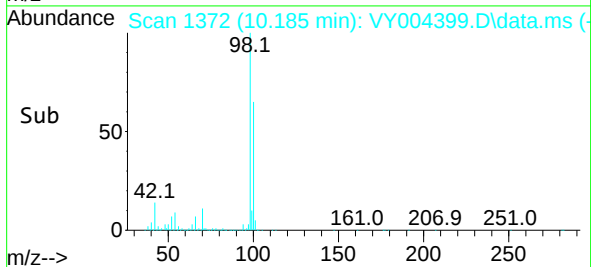
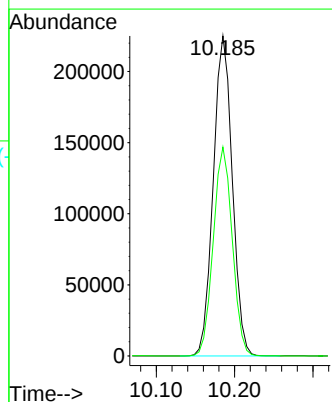
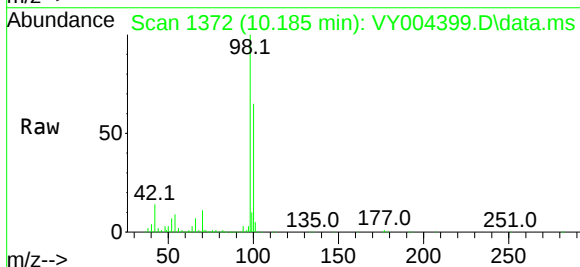


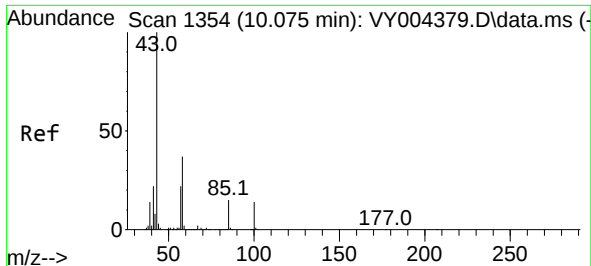
Tgt Ion:117 Resp: 17791
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.32 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22

Tgt Ion: 98 Resp: 380254
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6

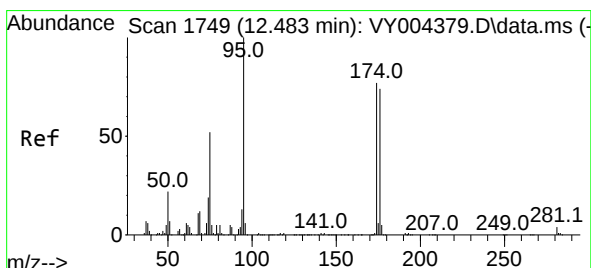
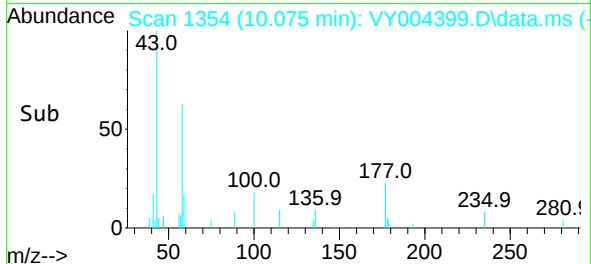
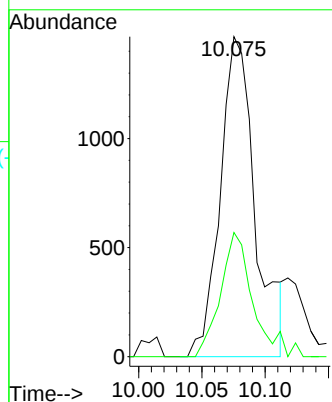
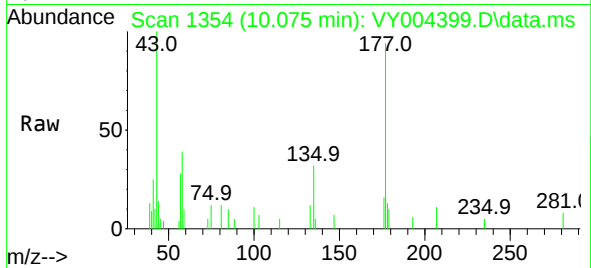




#51
4-Methyl-2-Pentanone
Concen: 1.46 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22

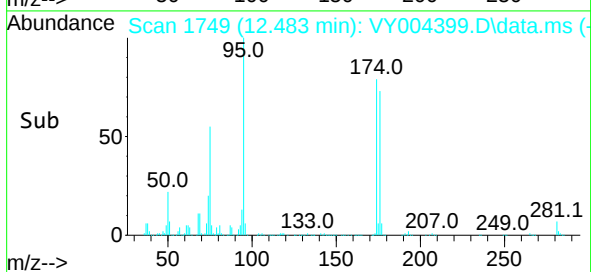
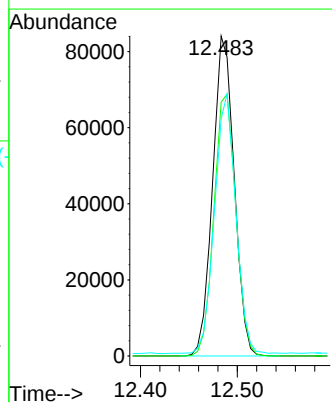
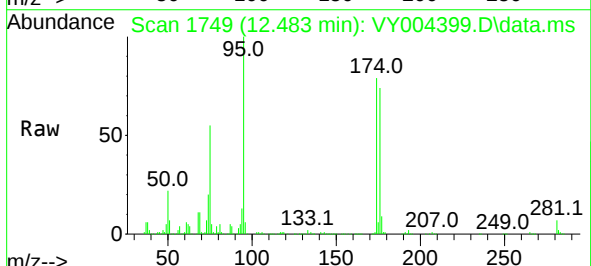
Instrument :
MSVOA_Y
ClientSampled :

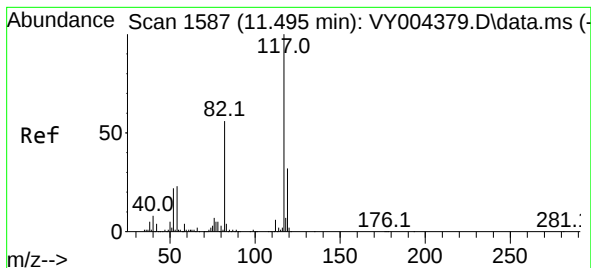
Tgt Ion: 43 Resp: 2810
Ion Ratio Lower Upper
43 100
58 36.1 29.2 43.8



#62
4-Bromofluorobenzene
Concen: 52.58 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22

Tgt Ion: 95 Resp: 129692
Ion Ratio Lower Upper
95 100
174 83.2 0.0 162.4
176 80.3 0.0 156.0

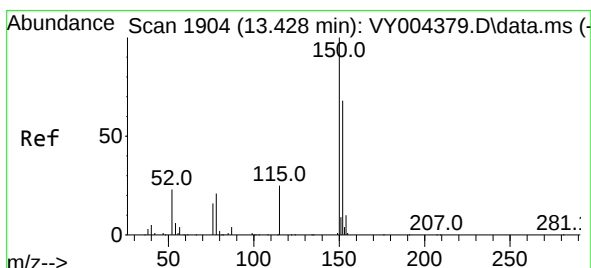
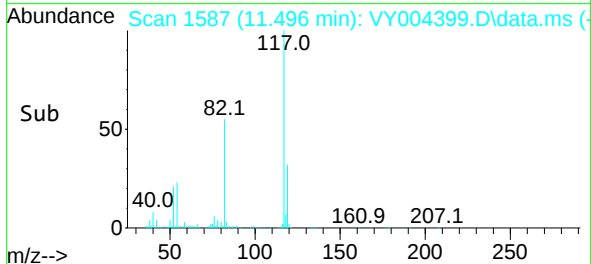
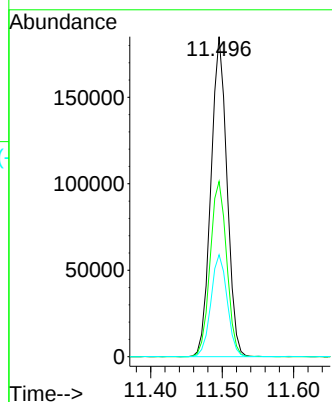
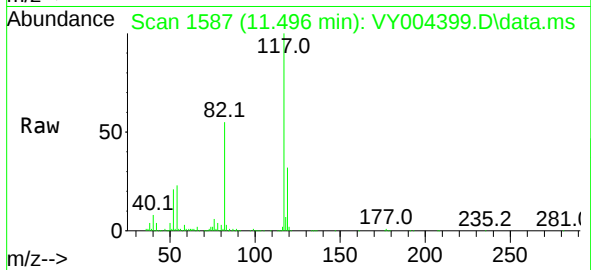




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22

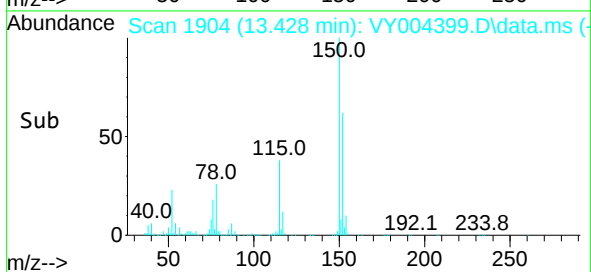
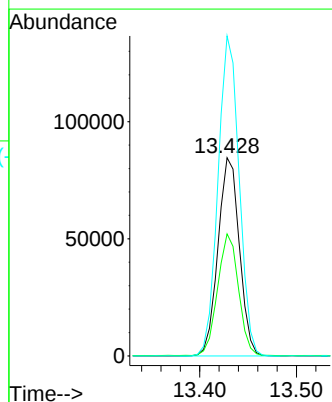
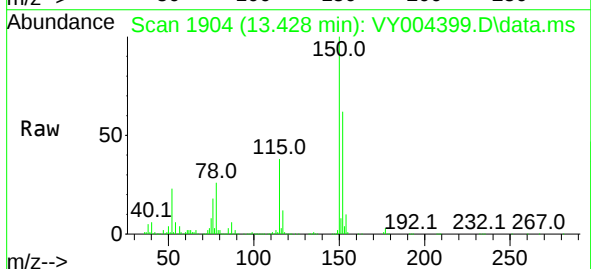
Instrument :
MSVOA_Y
ClientSampled :

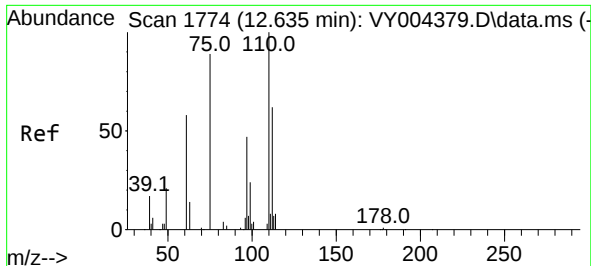
Tgt Ion:117 Resp: 288420
Ion Ratio Lower Upper
117 100
82 54.7 44.9 67.3
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22

Tgt Ion:152 Resp: 129699
Ion Ratio Lower Upper
152 100
115 60.1 29.6 88.8
150 159.5 0.0 348.4

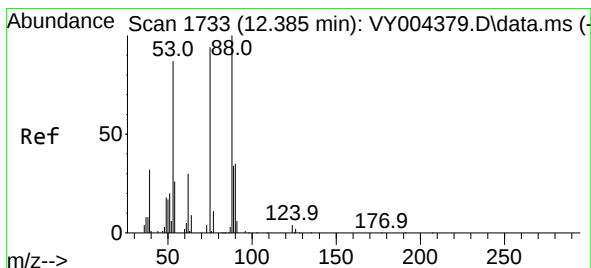
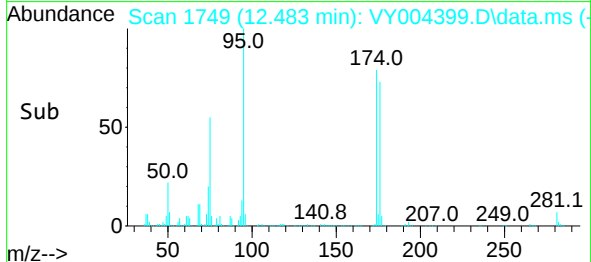
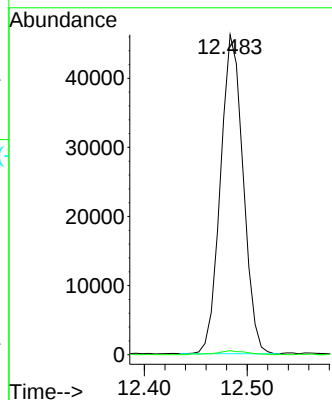
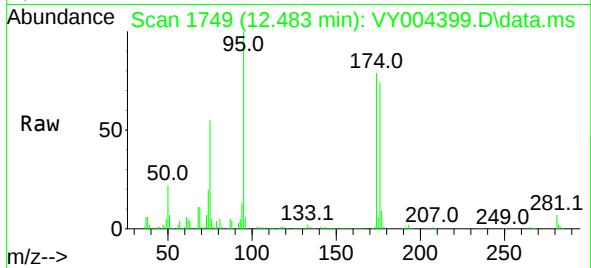




#76
1,2,3-Trichloropropane
Concen: 50.77 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 70673
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.82 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004399.D
Acq: 13 Apr 2021 10:22

Tgt Ion: 75 Resp: 70673
Ion Ratio Lower Upper
75 100
53 0.1 75.0 112.6#
89 0.8 36.1 54.1#

