

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004932.D
 Acq On : 03 Jun 2021 13:30
 Operator : SY/MD
 Sample : M2589-02
 Misc : 9.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 04 01:15:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

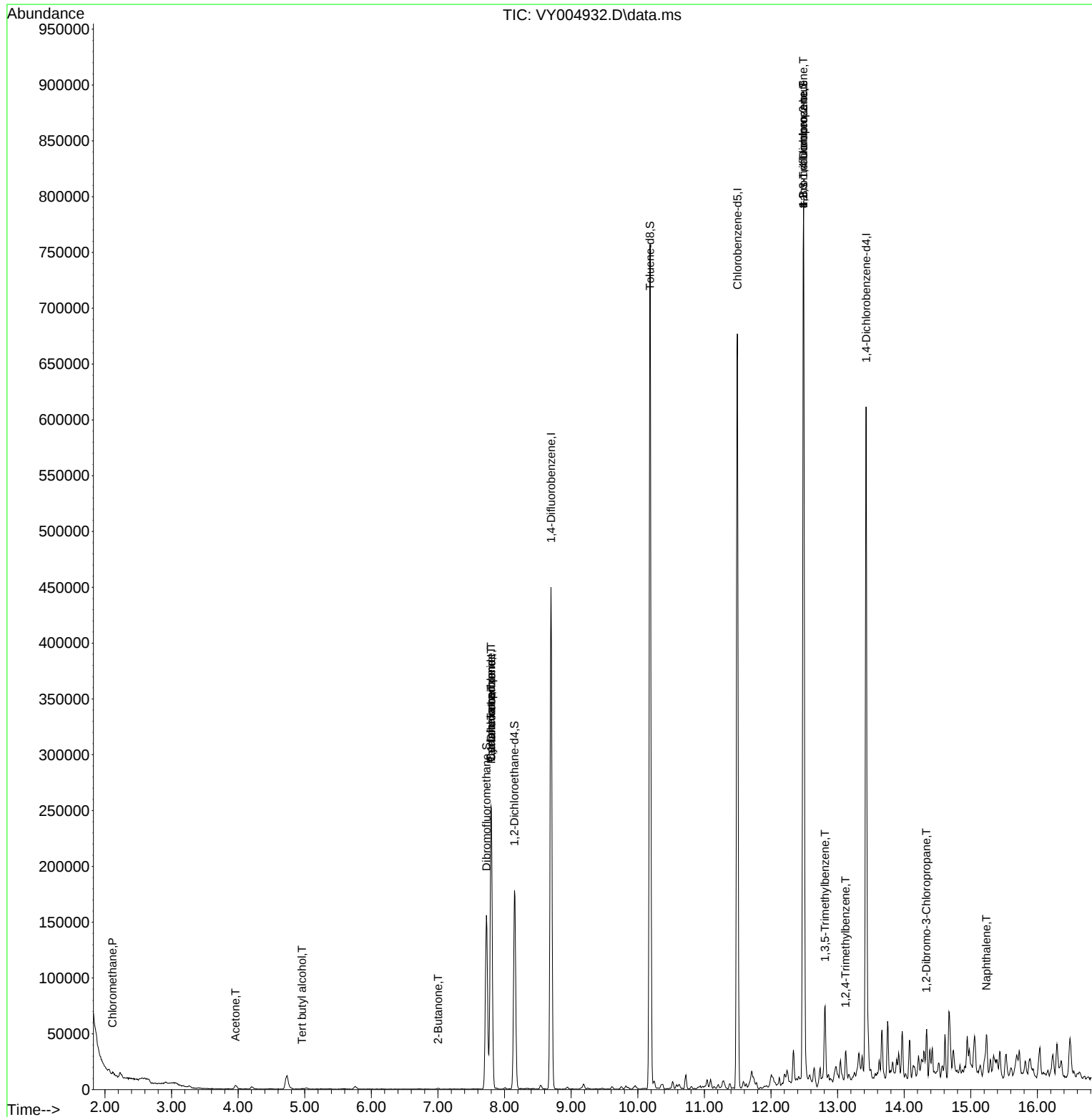
Internal Standards						
1) Pentafluorobenzene	7.801	168	192609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	368933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	363018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	137417	67.49	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.98%
35) Dibromofluoromethane	7.728	113	109856	55.35	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.70%
50) Toluene-d8	10.185	98	468905	56.88	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.76%
62) 4-Bromofluorobenzene	12.483	95	159922	56.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.82%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	2448	1.03	ug/l #	88
11) Tert butyl alcohol	4.960	59	512	2.19	ug/l #	74
13) Acrolein	3.765	56	39	Below	Cal #	75
16) Acetone	3.960	43	5816	11.87	ug/l	98
20) Methylene Chloride	4.729	84	9091	Below	Cal	89
25) 2-Butanone	7.003	43	1001	1.21	ug/l	98
31) Cyclohexane	7.795	56	4755	1.33	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15685	4.34	ug/l #	49
38) Carbon Tetrachloride	7.795	117	19872	6.32	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	85928	54.29	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.813	105	16568	1.84	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.483	75	85928	99.77	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.117	105	13593	1.52	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.331	75	373	1.03	ug/l #	1
95) Naphthalene	15.233	128	26810	4.74	ug/l	97

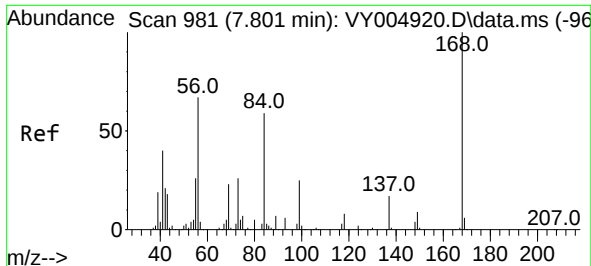
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
Data File : VY004932.D
Acq On : 03 Jun 2021 13:30
Operator : SY/MD
Sample : M2589-02
Misc : 9.61G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

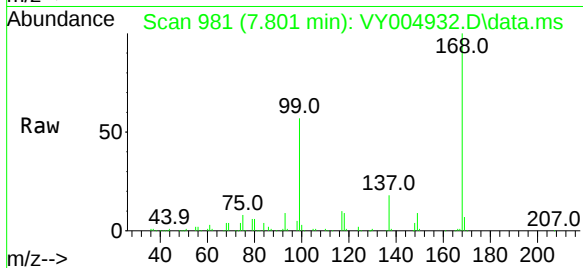
Quant Time: Jun 04 01:15:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration



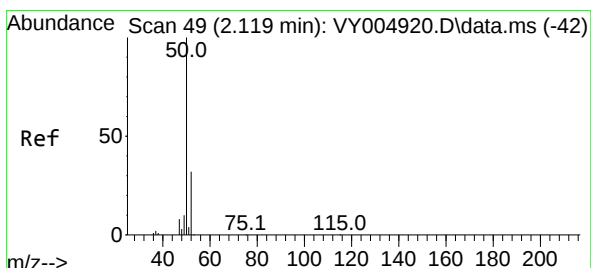
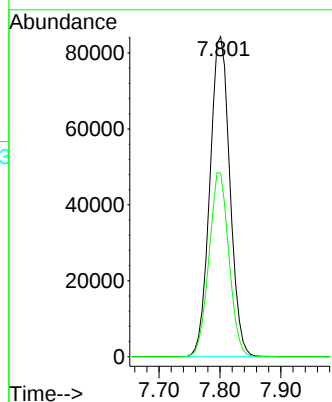
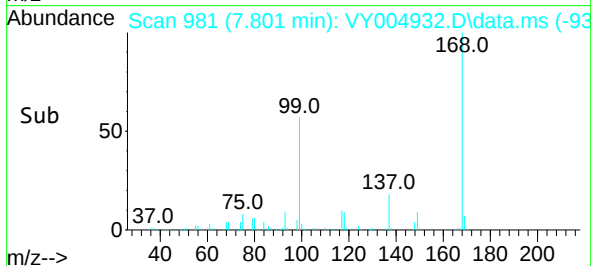


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

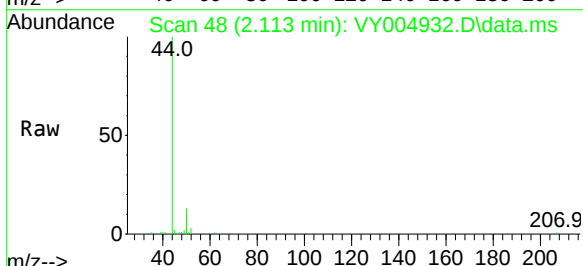
Instrument :
MSVOA_Y
ClientSampleId :



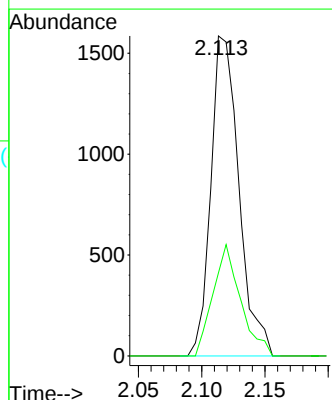
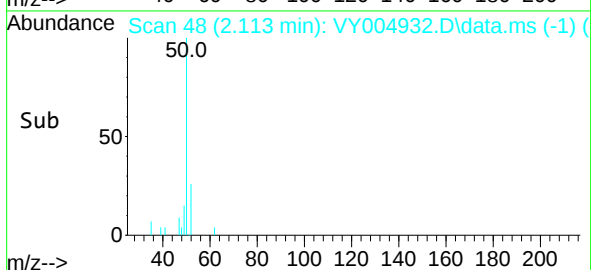
Tgt Ion:168 Resp: 192609
Ion Ratio Lower Upper
168 100
99 57.4 43.9 65.9

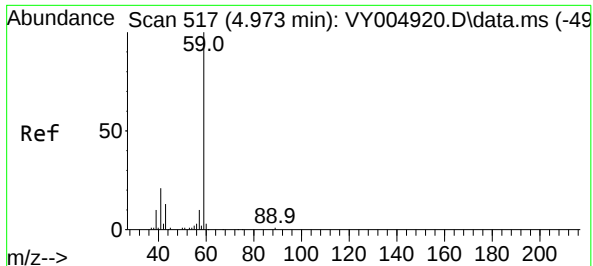


#3
Chloromethane
Concen: 1.03 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30



Tgt Ion: 50 Resp: 2448
Ion Ratio Lower Upper
50 100
52 25.9 25.9 38.9#



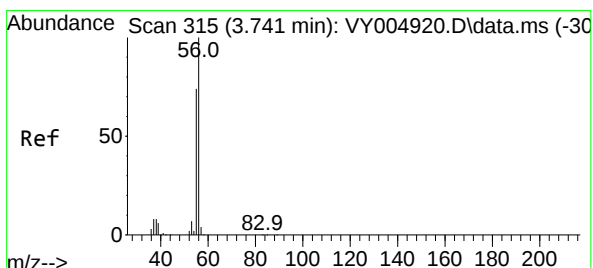
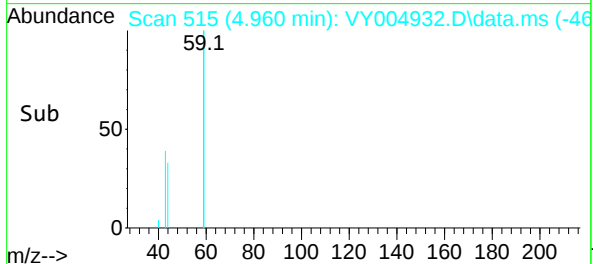
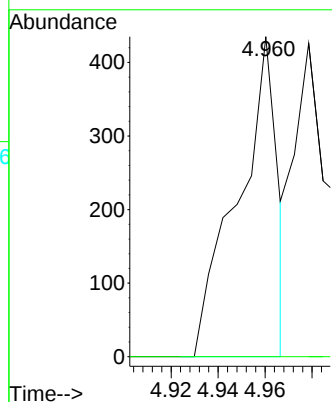
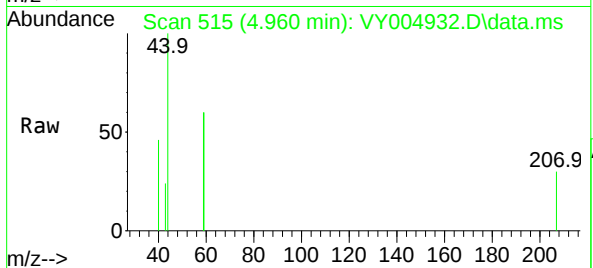


#11

Tert butyl alcohol
Concen: 2.19 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

Instrument :
MSVOA_Y
ClientSampled :

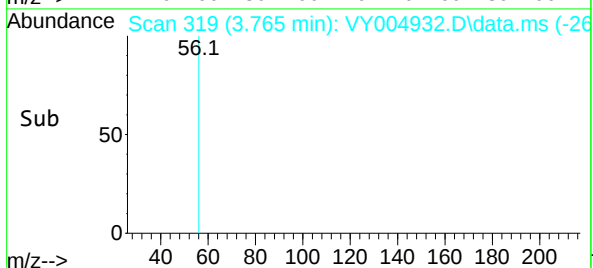
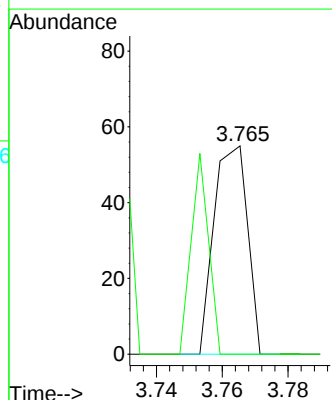
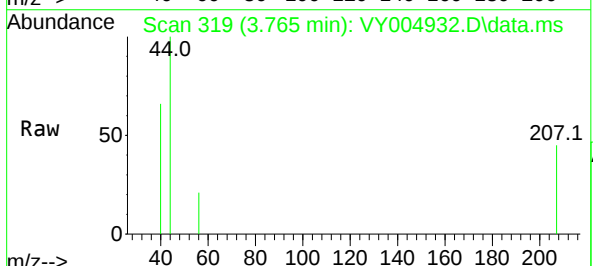
Tgt Ion: 59 Resp: 512
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

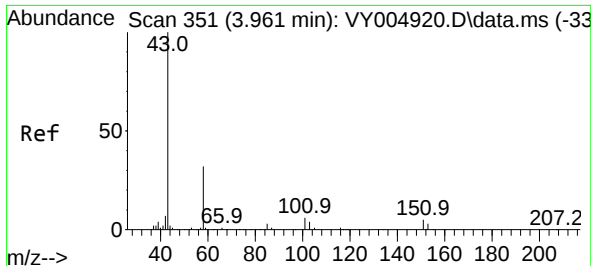


#13

Acrolein
Concen: Below Cal
RT: 3.765 min Scan# 319
Delta R.T. 0.024 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

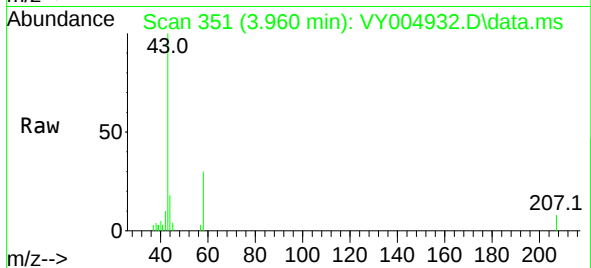
Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 48.7 55.4 83.2#



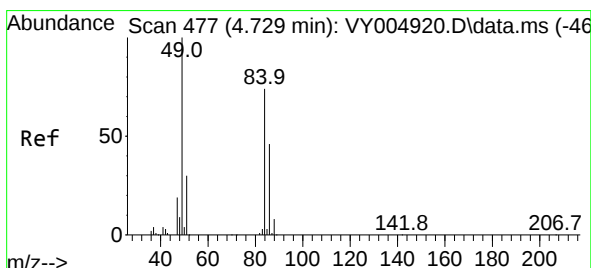
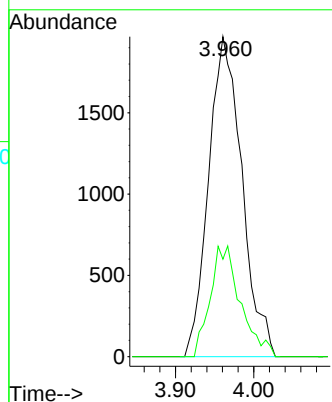
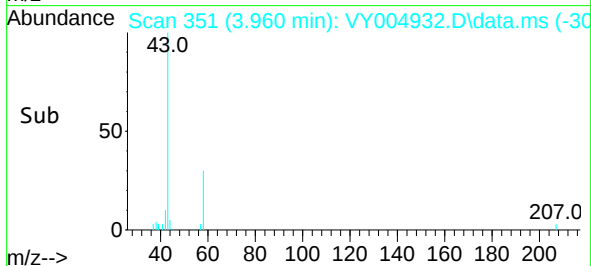


#16
Acetone
Concen: 11.87 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

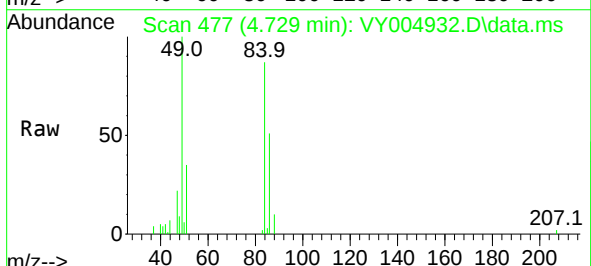
Instrument :
MSVOA_Y
ClientSampleId :



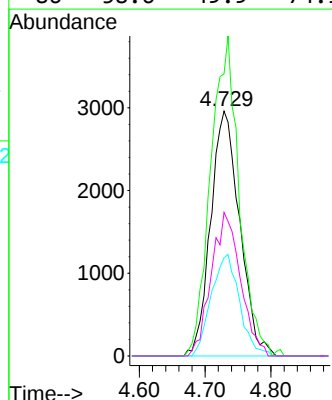
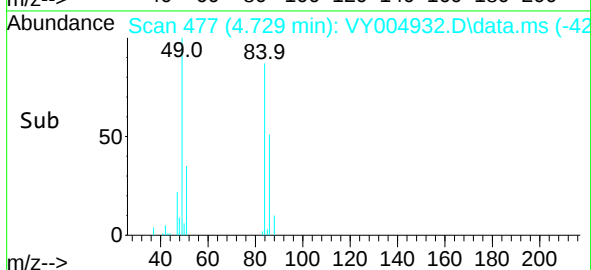
Tgt Ion: 43 Resp: 5816
Ion Ratio Lower Upper
43 100
58 30.4 25.3 37.9

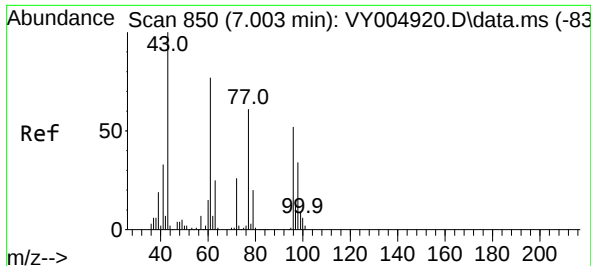


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30



Tgt Ion: 84 Resp: 9091
Ion Ratio Lower Upper
84 100
49 115.3 108.0 162.0
51 40.1 32.6 48.8
86 58.6 49.9 74.9

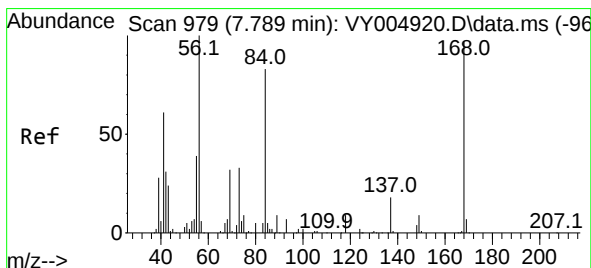
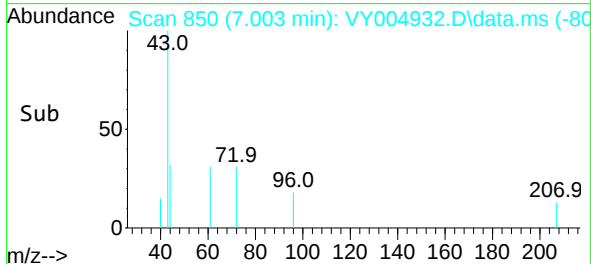
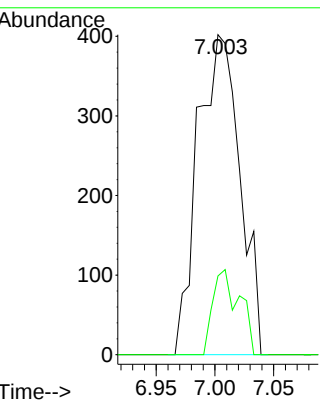
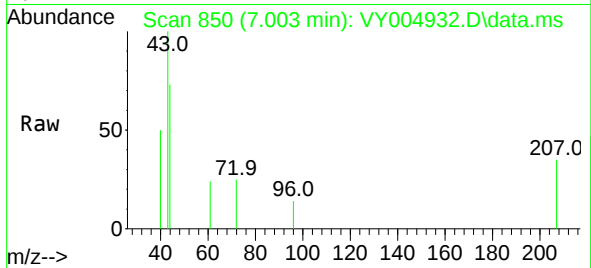




#25
2-Butanone
Concen: 1.21 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

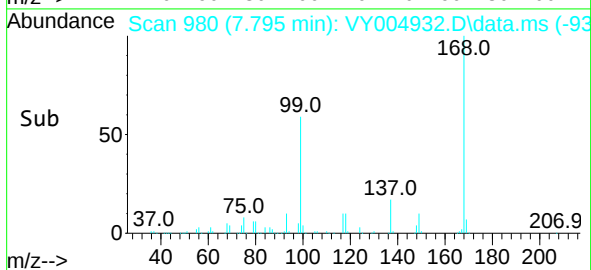
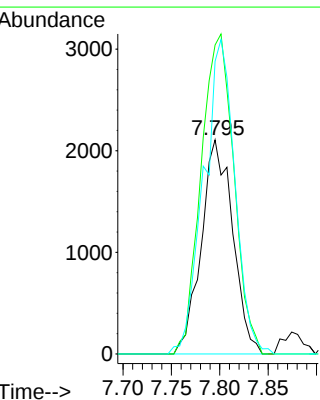
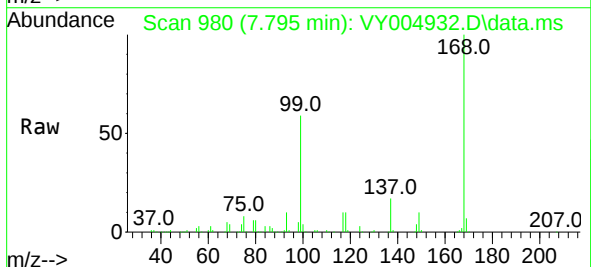
Instrument :
MSVOA_Y
ClientSampled :

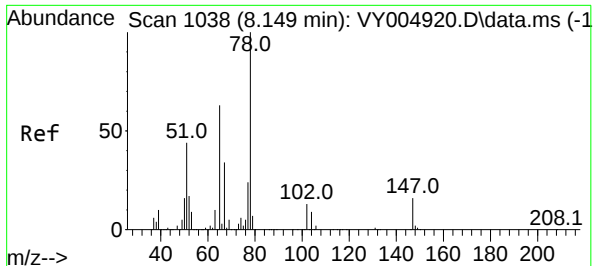
Tgt Ion: 43 Resp: 1001
Ion Ratio Lower Upper
43 100
72 24.6 20.6 31.0



#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

Tgt Ion: 56 Resp: 4755
Ion Ratio Lower Upper
56 100
69 144.3 25.3 37.9#
84 136.7 66.2 99.4#

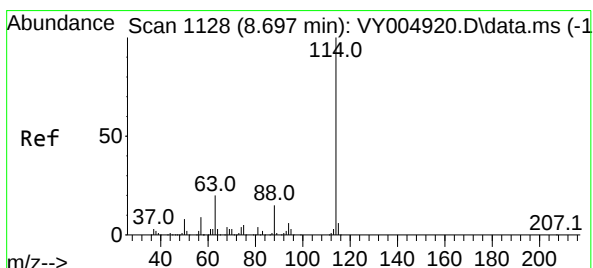
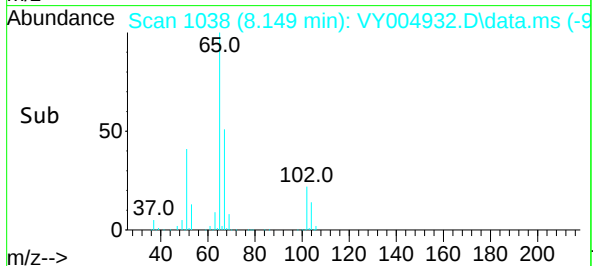
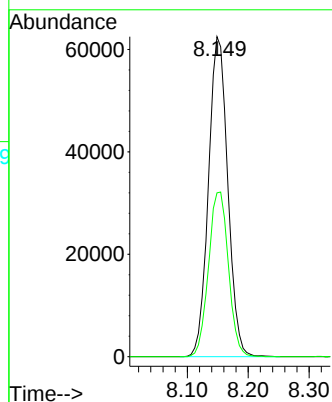
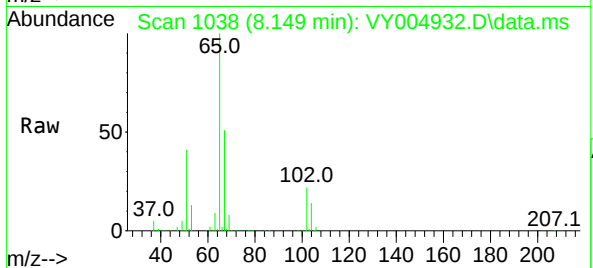




#33
1,2-Dichloroethane-d4
Concen: 67.49 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

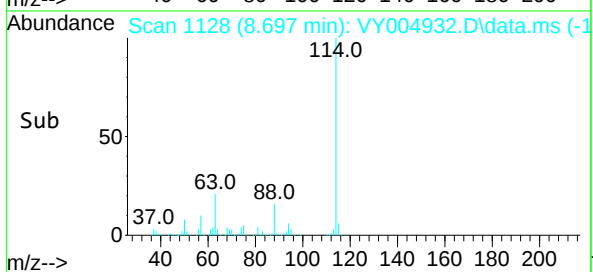
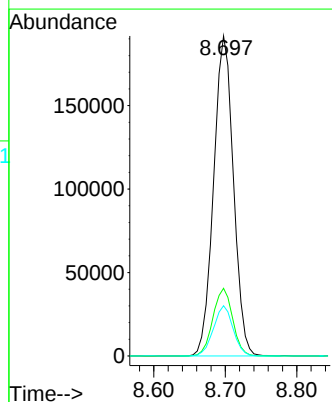
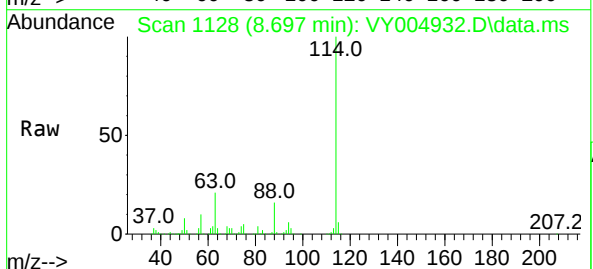
Instrument :
MSVOA_Y
ClientSampled :

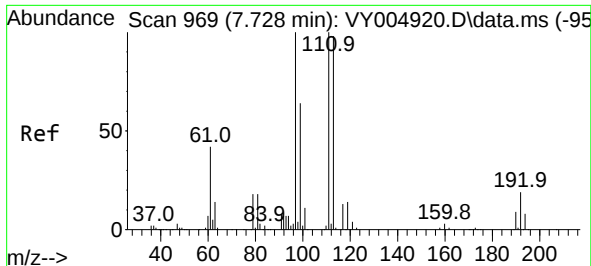
Tgt Ion: 65 Resp: 137417
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

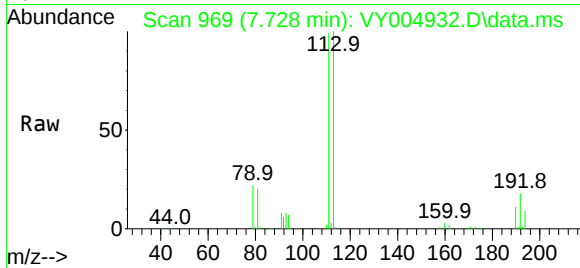
Tgt Ion:114 Resp: 368933
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.0
88 15.7 0.0 30.6



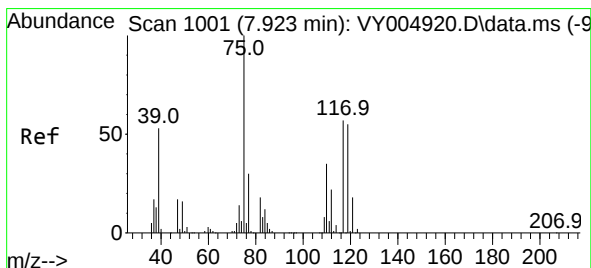
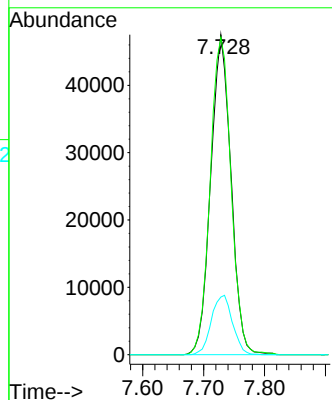
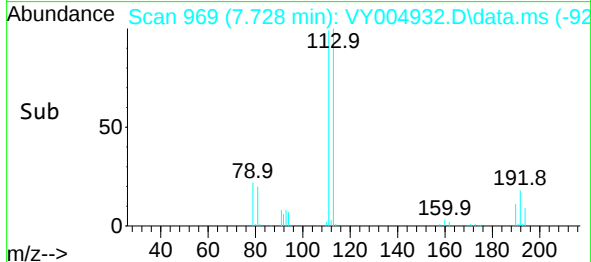


#35
Dibromofluoromethane
Concen: 55.35 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

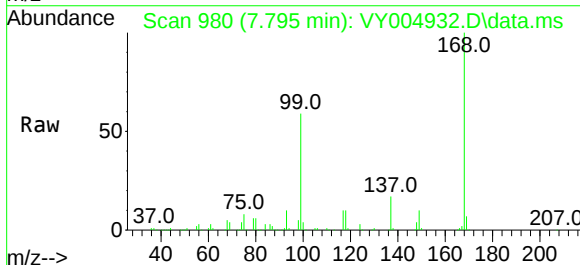
Instrument :
MSVOA_Y
ClientSampleId :



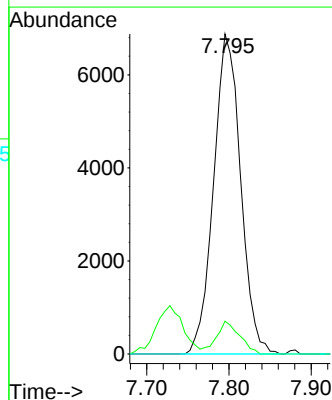
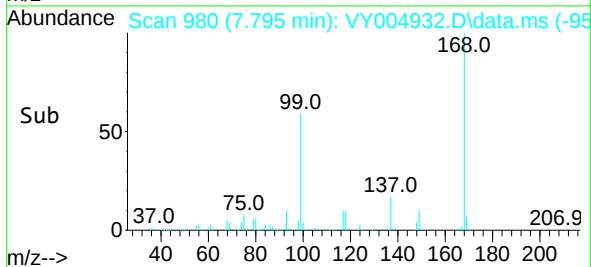
Tgt Ion:113 Resp: 109856
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 19.3 15.3 22.9

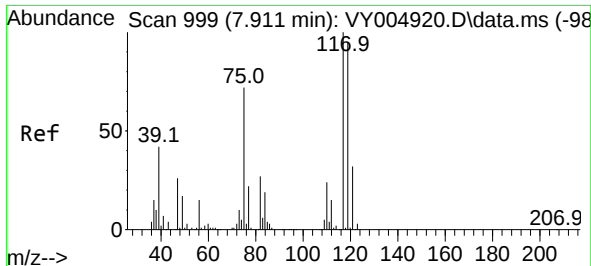


#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30



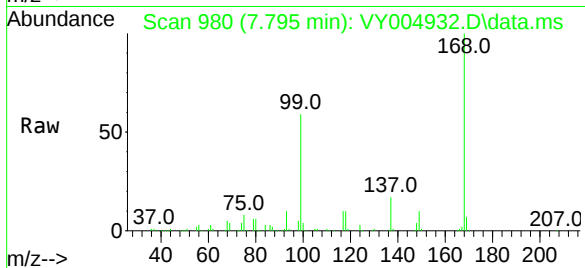
Tgt Ion: 75 Resp: 15685
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 25.1 37.7#



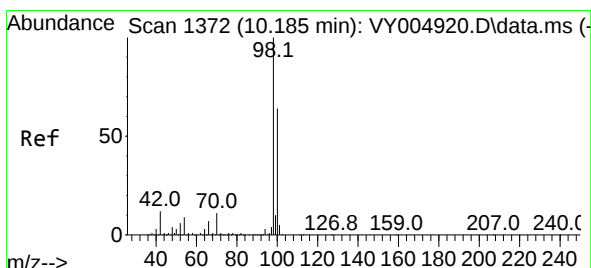
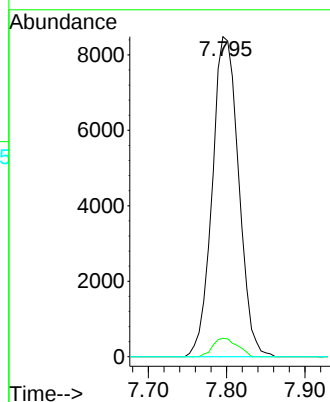
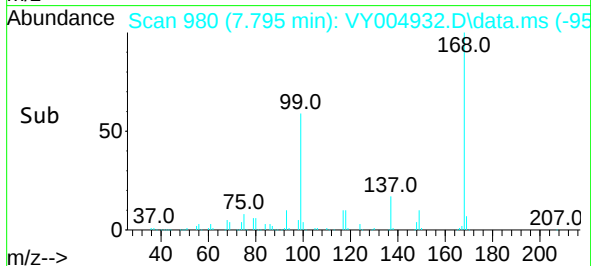


#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

Instrument :
MSVOA_Y
ClientSampleId :

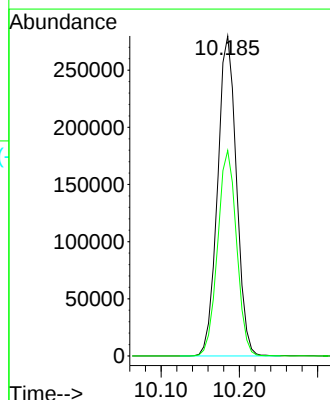
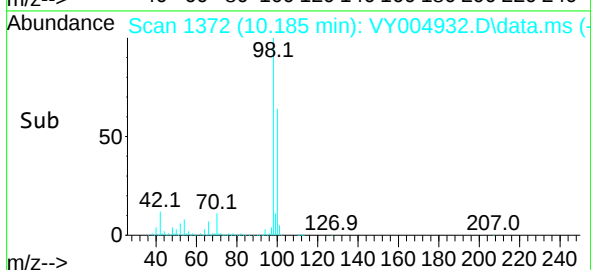
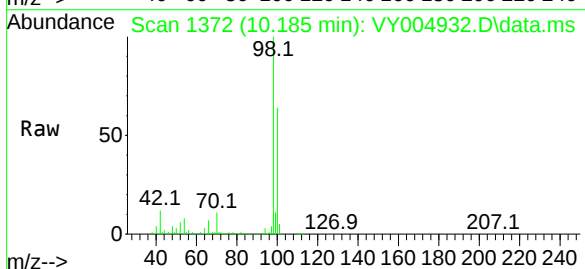


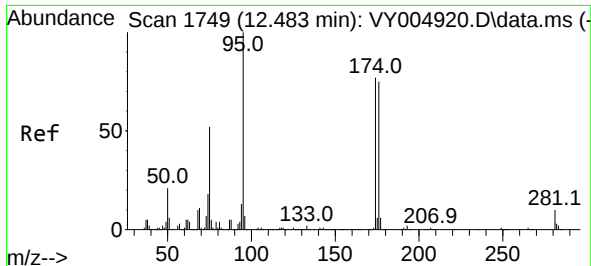
Tgt Ion:117 Resp: 19872
Ion Ratio Lower Upper
117 100
119 5.8 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 56.88 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

Tgt Ion: 98 Resp: 468905
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

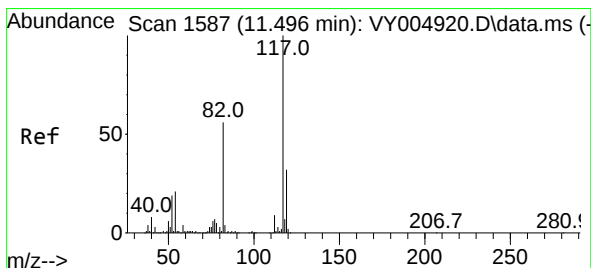
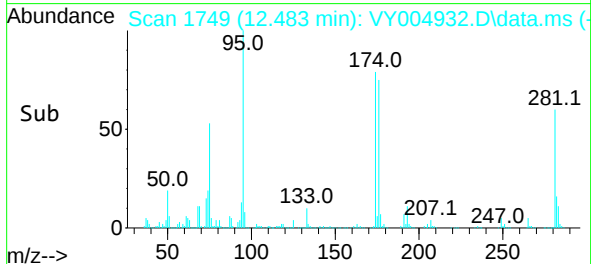
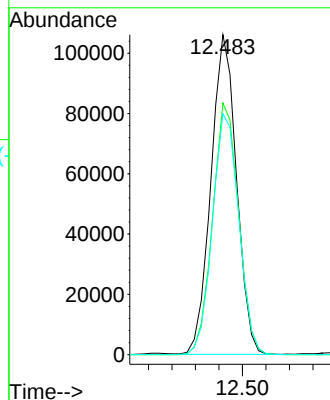
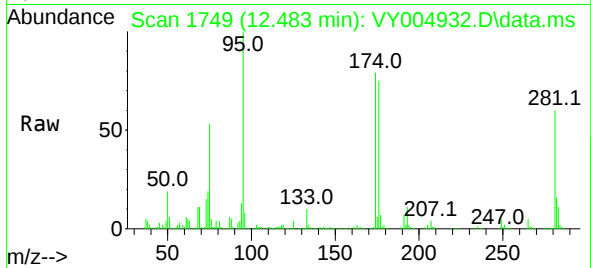




#62
4-Bromofluorobenzene
Concen: 56.41 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

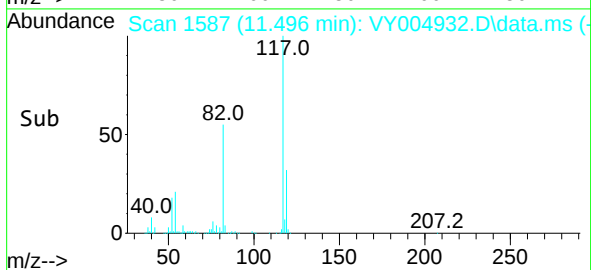
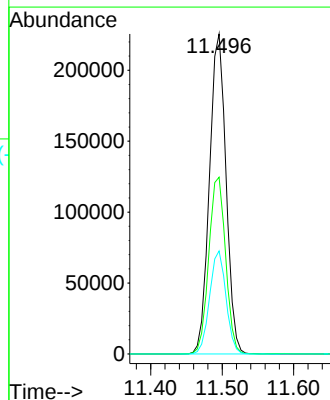
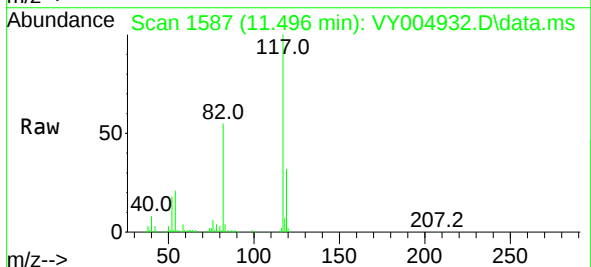
Instrument :
MSVOA_Y
ClientSampleId :

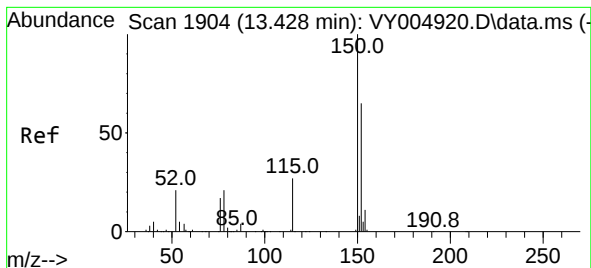
Tgt Ion: 95 Resp: 159922
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.8
176 77.9 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

Tgt Ion: 117 Resp: 363018
Ion Ratio Lower Upper
117 100
82 55.3 44.8 67.2
119 32.2 25.2 37.8

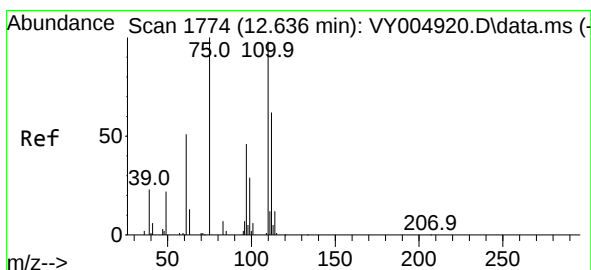
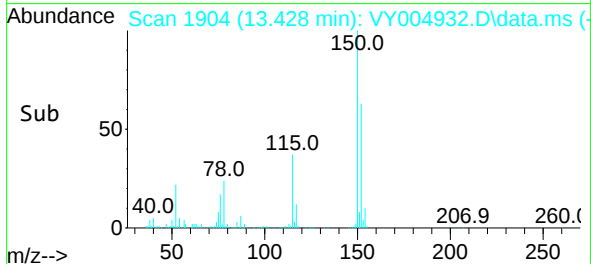
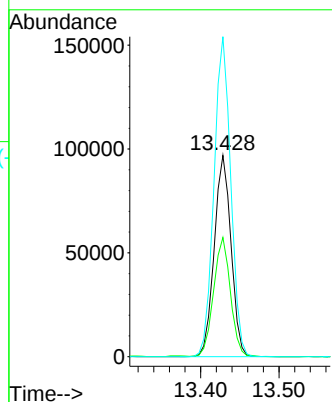
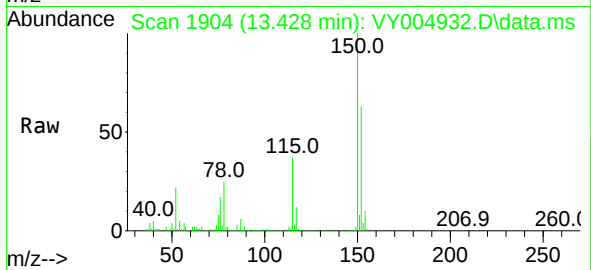




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004932.D
 Acq: 03 Jun 2021 13:30

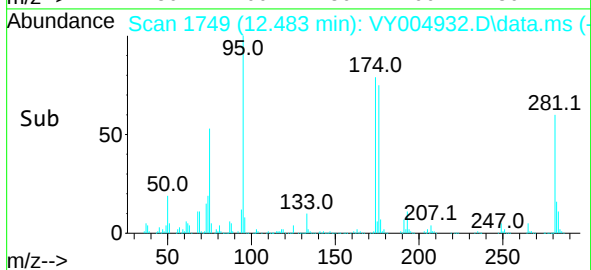
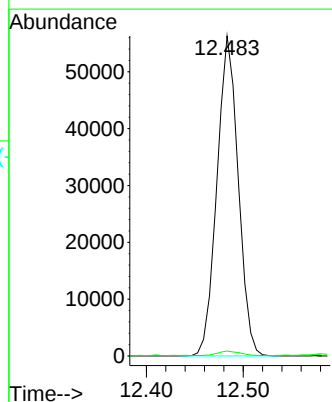
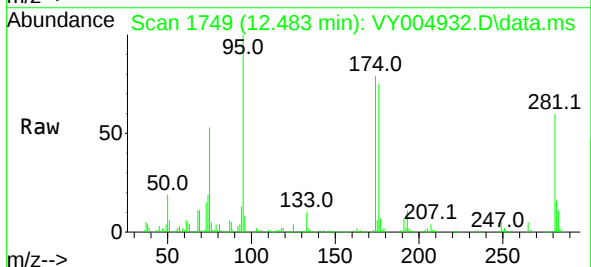
Instrument :
 MSVOA_Y
 ClientSampled :

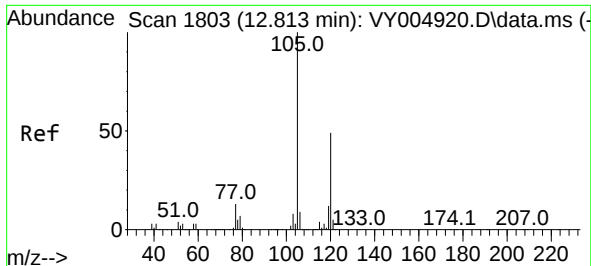
Tgt Ion:152 Resp: 144391
 Ion Ratio Lower Upper
 152 100
 115 59.5 29.9 89.7
 150 158.8 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 54.29 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004932.D
 Acq: 03 Jun 2021 13:30

Tgt Ion: 75 Resp: 85928
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#

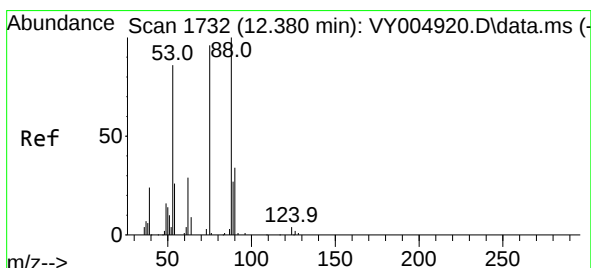
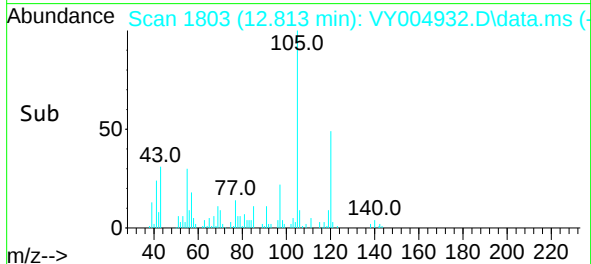
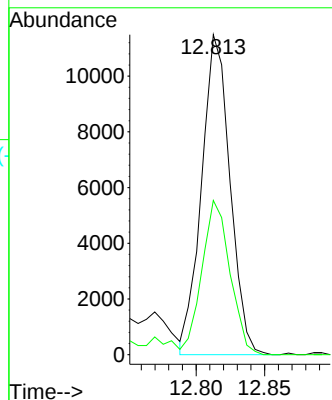
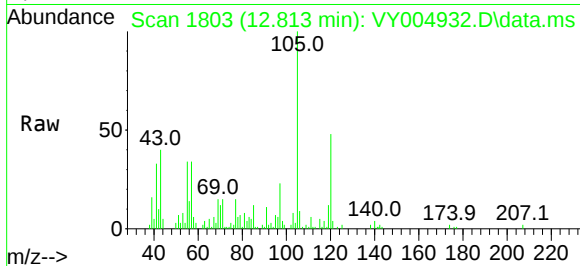




#80
1,3,5-Trimethylbenzene
Concen: 1.84 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

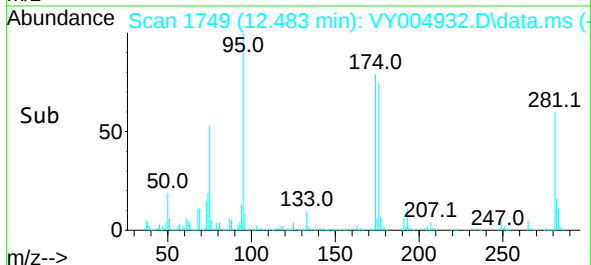
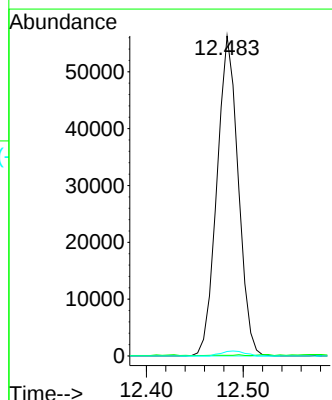
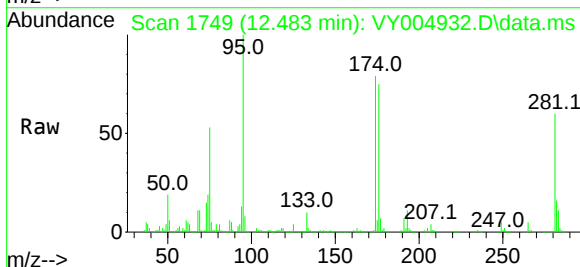
Instrument :
MSVOA_Y
ClientSampled :

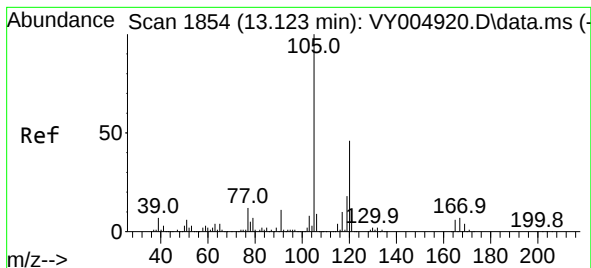
Tgt Ion:105 Resp: 16568
Ion Ratio Lower Upper
105 100
120 47.6 24.5 73.5



#81
trans-1,4-Dichloro-2-butene
Concen: 99.77 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

Tgt Ion: 75 Resp: 85928
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 1.7 35.0 52.6#





#84

1,2,4-Trimethylbenzene

Concen: 1.52 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY004932.D

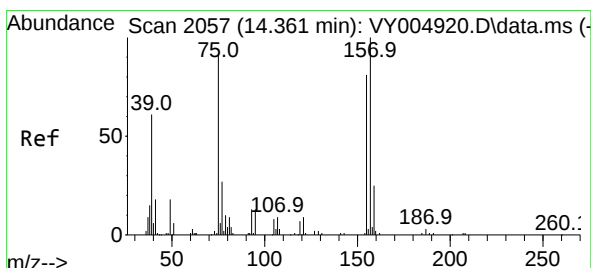
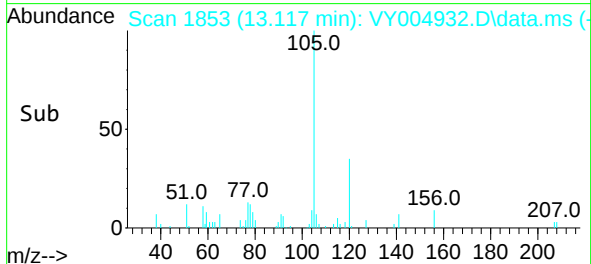
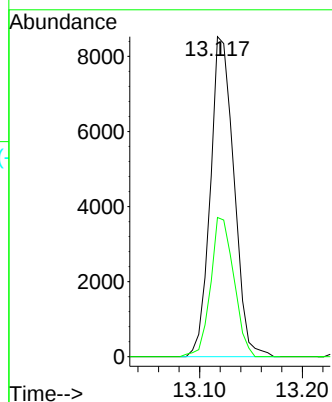
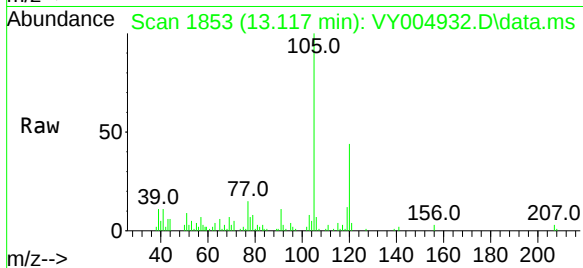
Acq: 03 Jun 2021 13:30

Tgt Ion:105 Resp: 13593

Ion Ratio Lower Upper

105 100

120 42.7 22.6 67.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.03 ug/l

RT: 14.331 min Scan# 2052

Delta R.T. -0.030 min

Lab File: VY004932.D

Acq: 03 Jun 2021 13:30

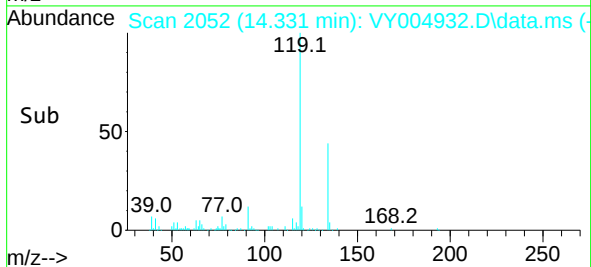
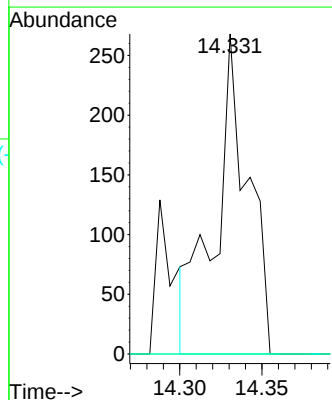
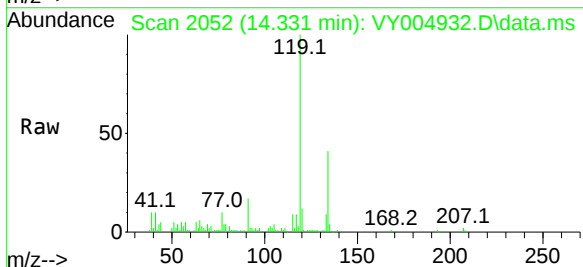
Tgt Ion: 75 Resp: 373

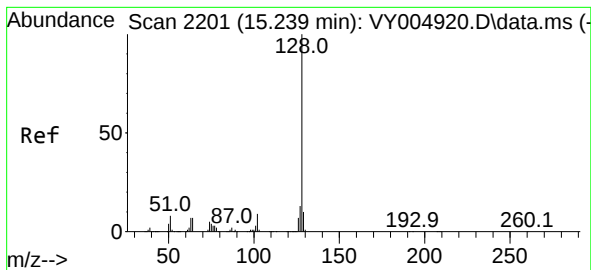
Ion Ratio Lower Upper

75 100

155 0.0 42.9 128.5#

157 0.0 54.1 162.4#





#95
Naphthalene
Concen: 4.74 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 26810
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.2
129 12.2 8.7 13.1

