

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004929.D
 Acq On : 03 Jun 2021 12:20
 Operator : SY/MD
 Sample : M2591-02
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 04 01:14:20 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)

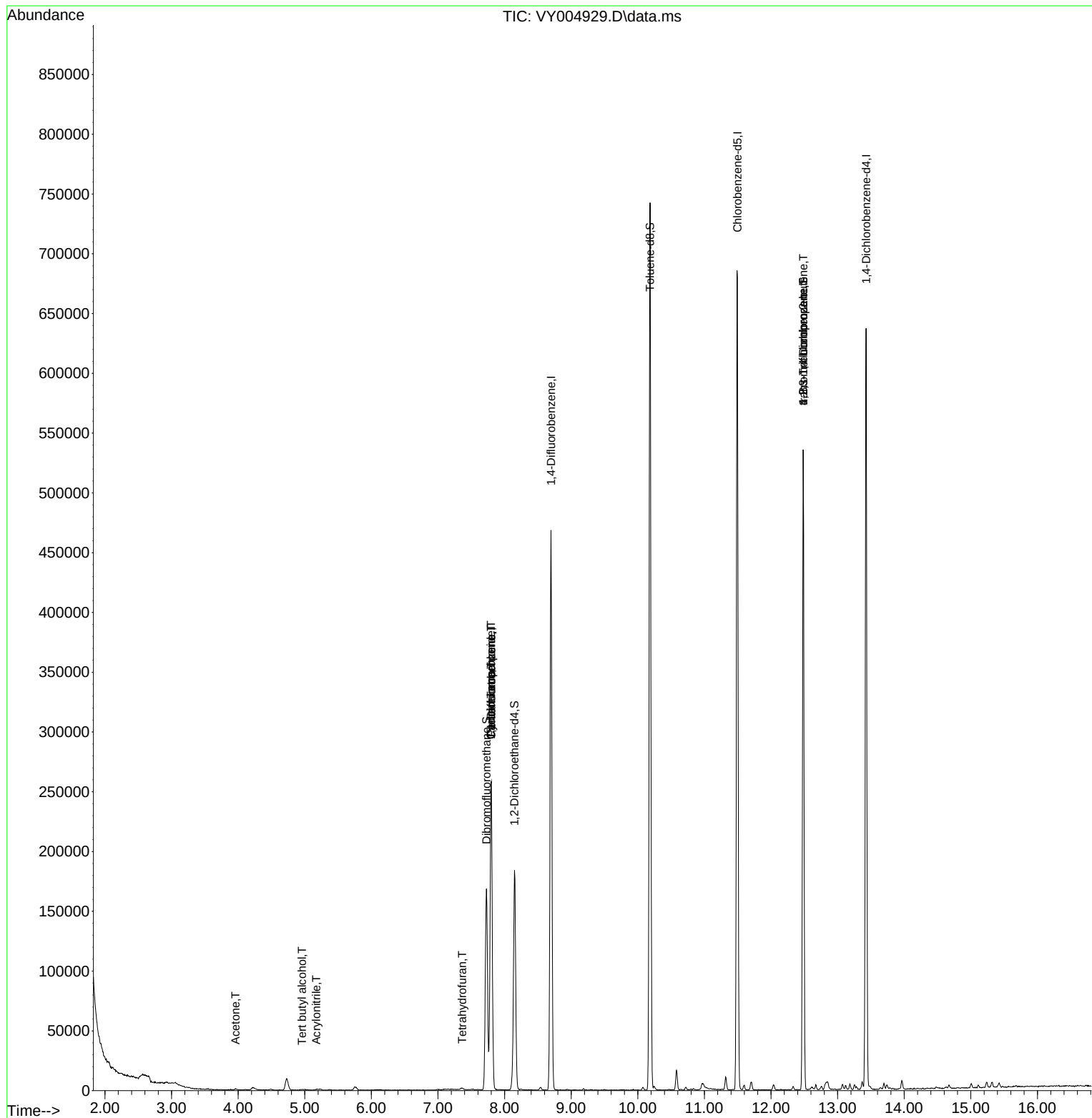
Internal Standards						
1) Pentafluorobenzene	7.801	168	195808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	382173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	369953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	138938	67.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.24%
35) Dibromofluoromethane	7.728	113	120807	58.75	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.50%
50) Toluene-d8	10.185	98	476545	55.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.62%
62) 4-Bromofluorobenzene	12.483	95	154190	52.50	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.00%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	1143	4.80	ug/l #	74
13) Acrolein	3.735	56	216	Below	Cal #	82
15) Acrylonitrile	5.174	53	897	1.49	ug/l #	56
16) Acetone	3.960	43	1658	3.33	ug/l #	88
20) Methylene Chloride	4.729	84	6811	Below	Cal	90
29) Tetrahydrofuran	7.362	42	926	1.74	ug/l #	69
31) Cyclohexane	7.795	56	4871	1.34	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	16855	4.51	ug/l #	48
38) Carbon Tetrachloride	7.795	117	19548	6.01	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	83380	48.65	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83380	89.40	ug/l #	15

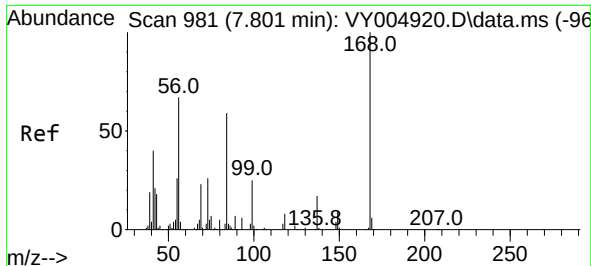
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
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Operator : SY/MD
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Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Jun 04 01:14:20 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

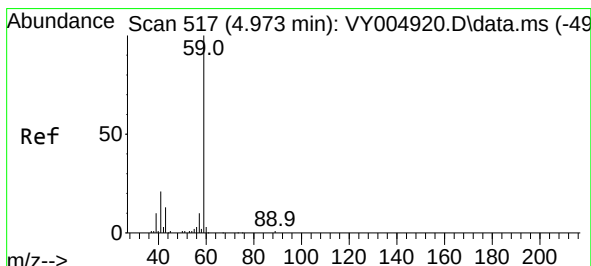
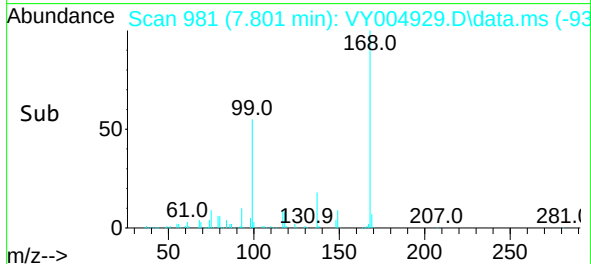
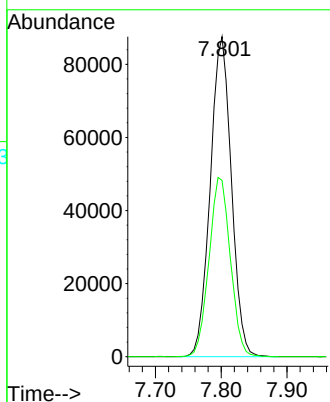
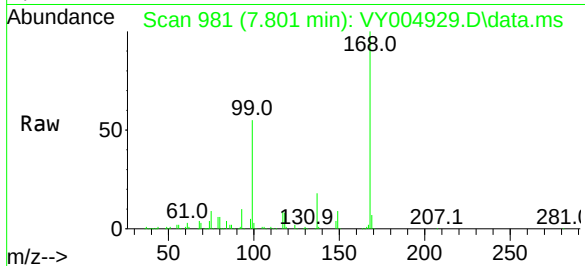




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004929.D
Acq: 03 Jun 2021 12:20

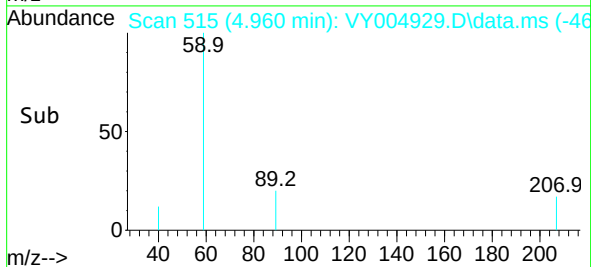
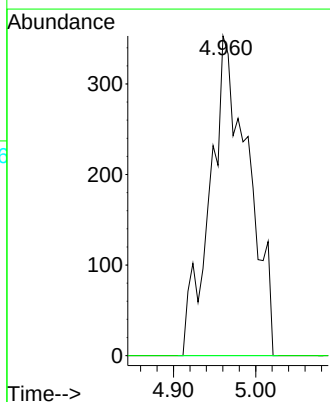
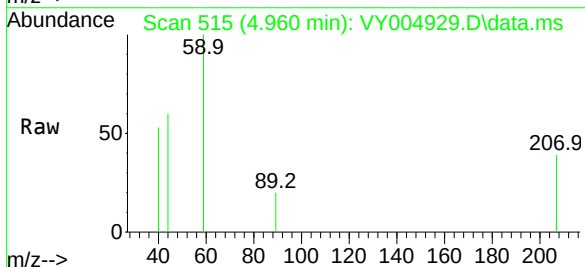
Instrument :
MSVOA_Y
ClientSampled :

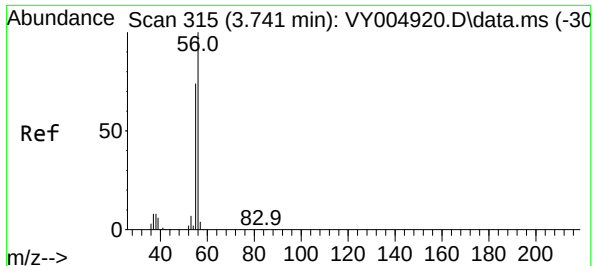
Tgt Ion:168 Resp: 195808
Ion Ratio Lower Upper
168 100
99 55.1 43.9 65.9



#11
Tert butyl alcohol
Concen: 4.80 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY004929.D
Acq: 03 Jun 2021 12:20

Tgt Ion: 59 Resp: 1143
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

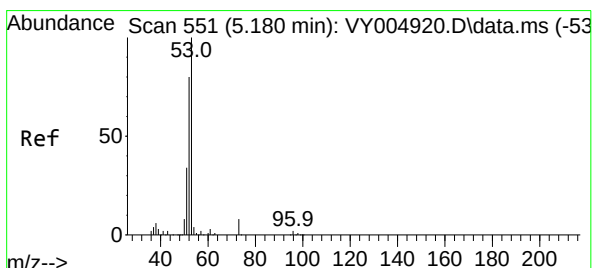
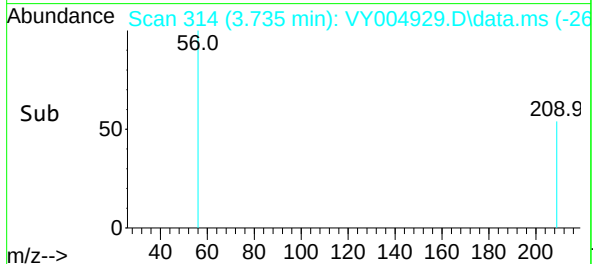
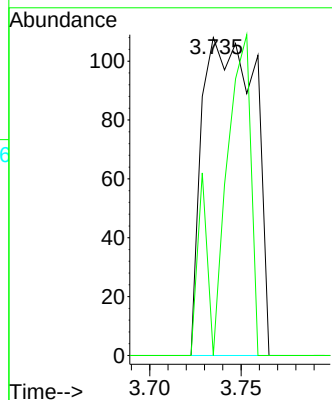
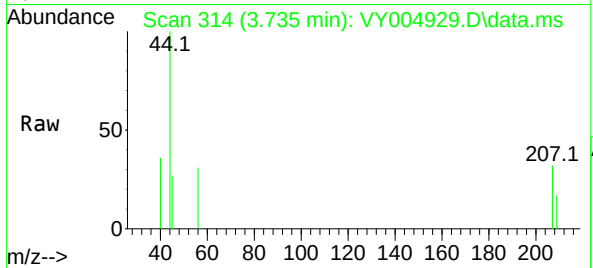




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY004929.D
Acq: 03 Jun 2021 12:20

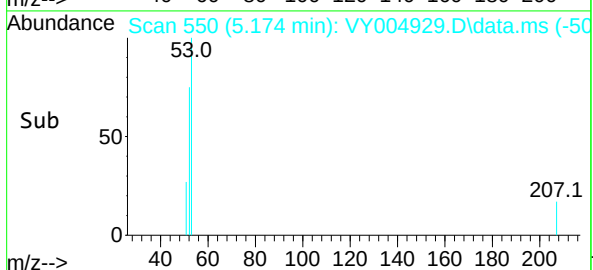
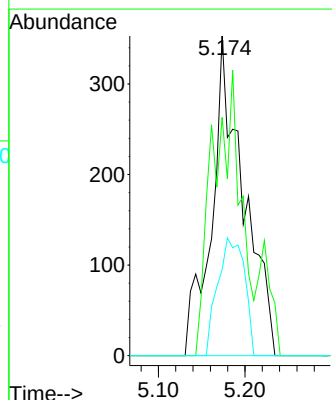
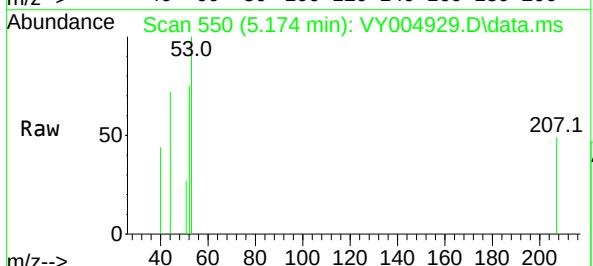
Instrument :
MSVOA_Y
ClientSampled :

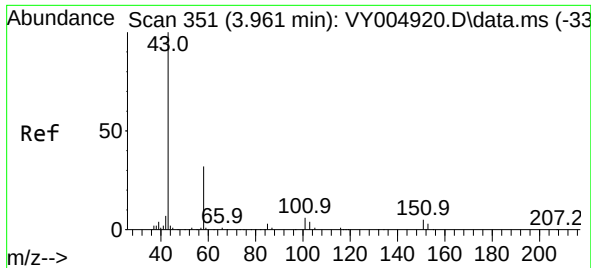
Tgt Ion: 56 Resp: 216
Ion Ratio Lower Upper
56 100
55 54.6 55.4 83.2#



#15
Acrylonitrile
Concen: 1.49 ug/l
RT: 5.174 min Scan# 550
Delta R.T. -0.006 min
Lab File: VY004929.D
Acq: 03 Jun 2021 12:20

Tgt Ion: 53 Resp: 897
Ion Ratio Lower Upper
53 100
52 27.5 64.5 96.7#
51 31.0 28.6 42.8

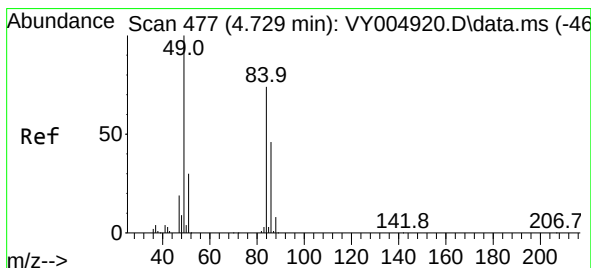
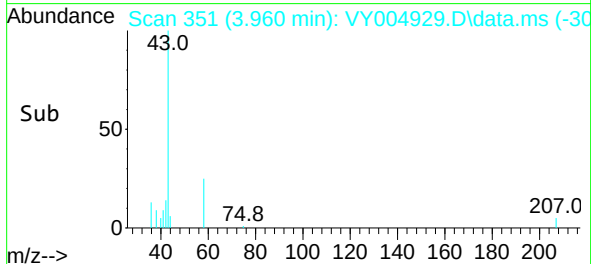
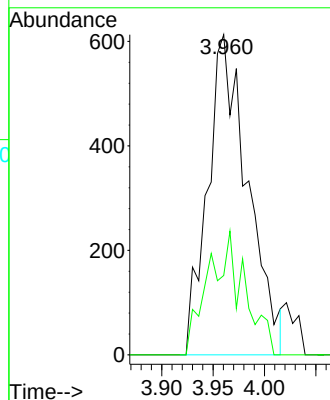
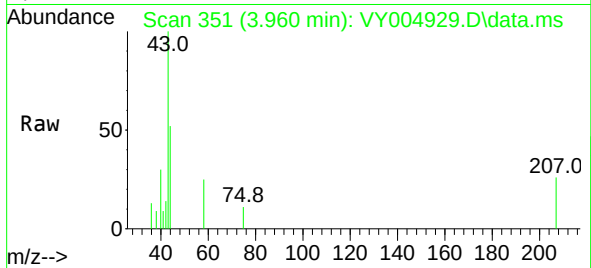




#16
Acetone
Concen: 3.33 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004929.D
Acq: 03 Jun 2021 12:20

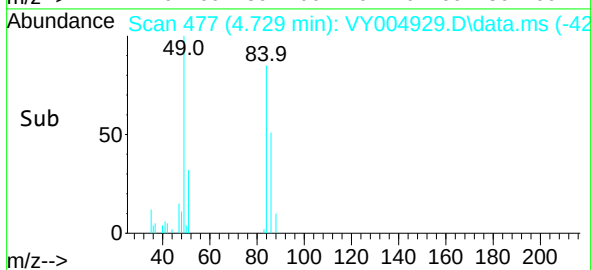
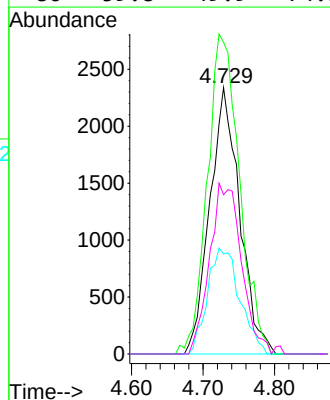
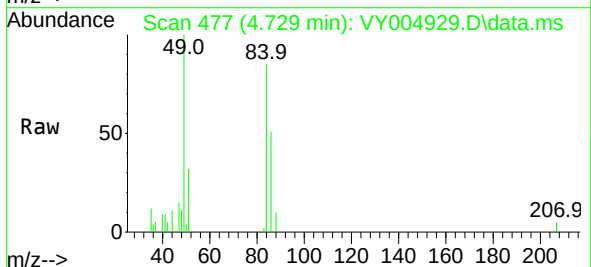
Instrument :
MSVOA_Y
ClientSampleId :

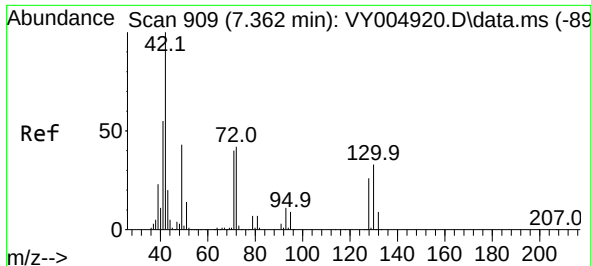
Tgt Ion: 43 Resp: 1658
Ion Ratio Lower Upper
43 100
58 24.8 25.3 37.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY004929.D
Acq: 03 Jun 2021 12:20

Tgt Ion: 84 Resp: 6811
Ion Ratio Lower Upper
84 100
49 117.0 108.0 162.0
51 37.6 32.6 48.8
86 59.8 49.9 74.9





#29

Tetrahydrofuran

Concen: 1.74 ug/l

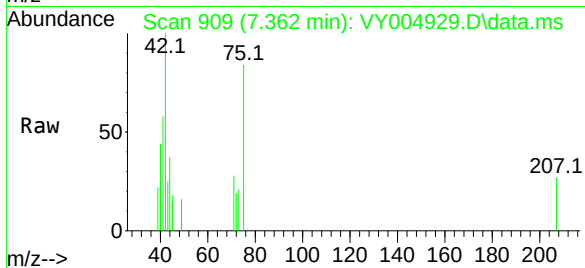
RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

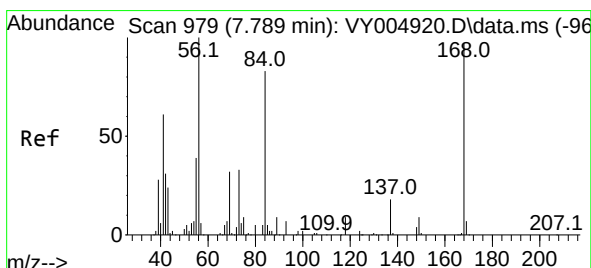
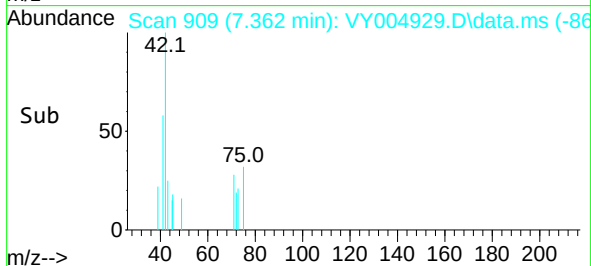
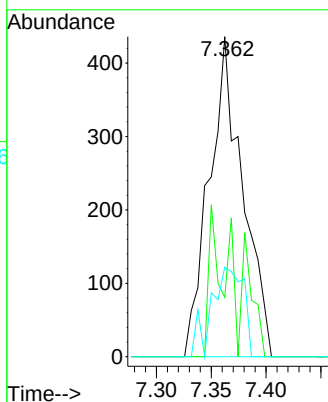
Lab File: VY004929.D

Acq: 03 Jun 2021 12:20

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	42	Resp:	926
Ion Ratio	Lower	Upper	
42	100		
72	15.3	32.6	49.0#
71	26.7	30.9	46.3#



#31

Cyclohexane

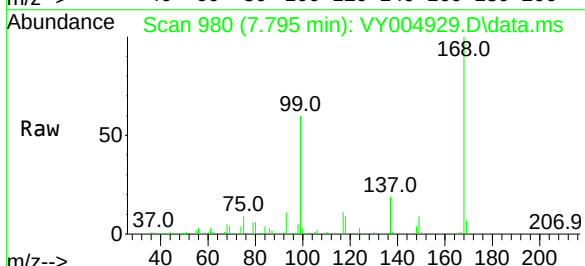
Concen: 1.34 ug/l

RT: 7.795 min Scan# 980

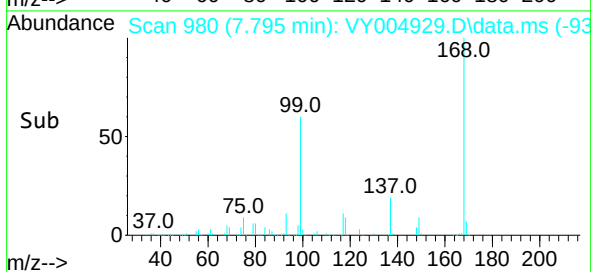
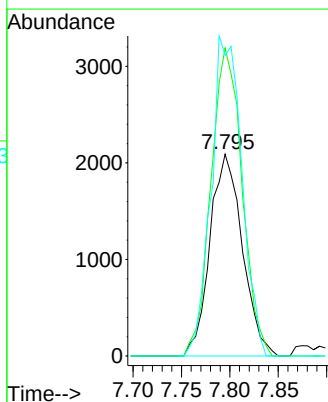
Delta R.T. 0.006 min

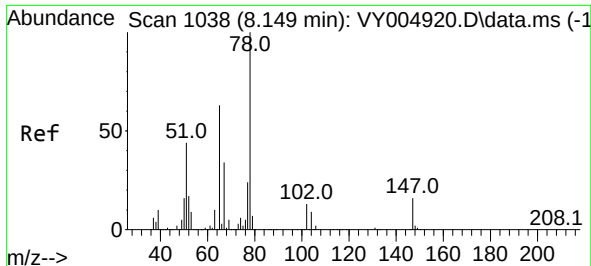
Lab File: VY004929.D

Acq: 03 Jun 2021 12:20



Tgt Ion:	56	Resp:	4871
Ion Ratio	Lower	Upper	
56	100		
69	152.6	25.3	37.9#
84	149.0	66.2	99.4#

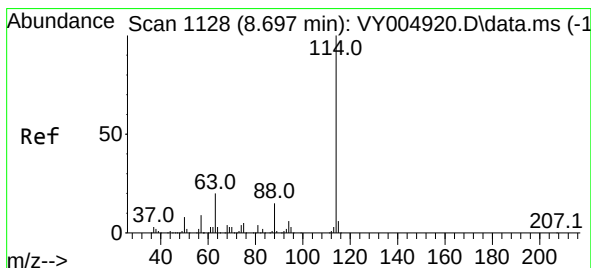
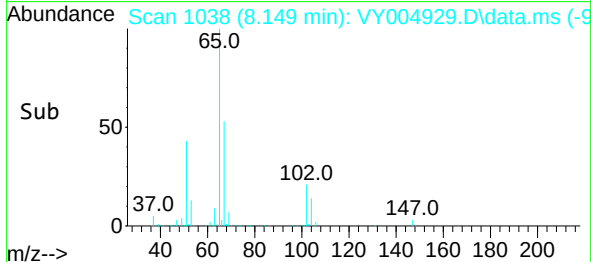
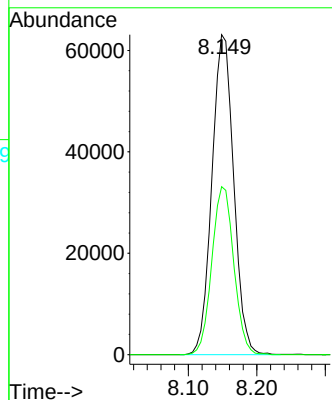
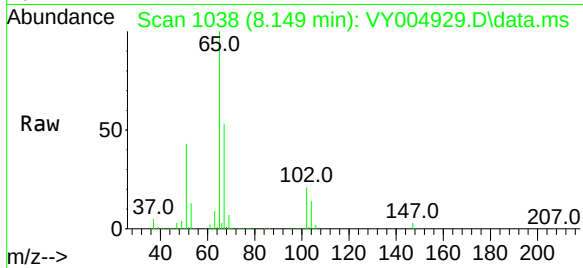




#33
 1,2-Dichloroethane-d4
 Concen: 67.12 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY004929.D
 Acq: 03 Jun 2021 12:20

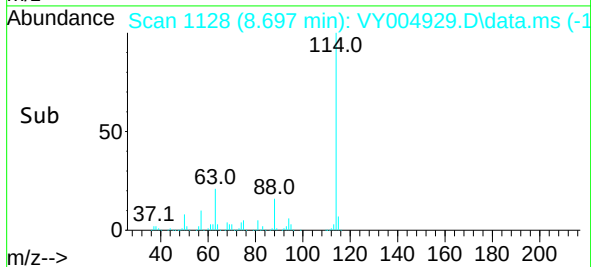
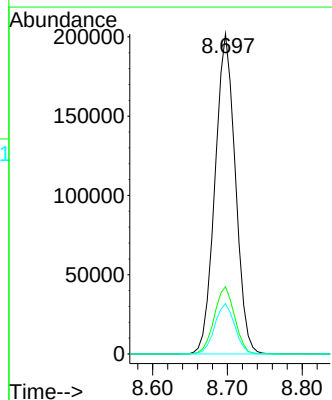
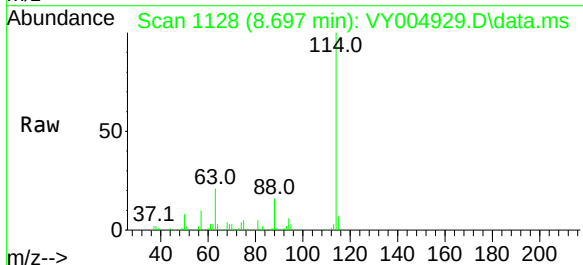
Instrument :
 MSVOA_Y
 ClientSampleId :

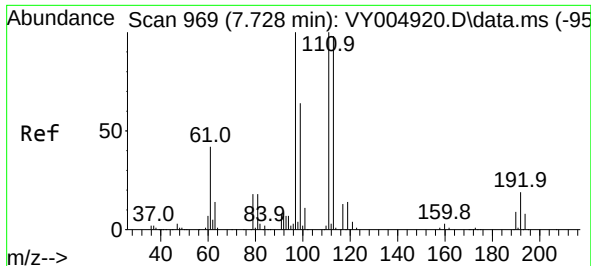
Tgt Ion: 65 Resp: 138938
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY004929.D
 Acq: 03 Jun 2021 12:20

Tgt Ion: 114 Resp: 382173
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.0
 88 15.8 0.0 30.6

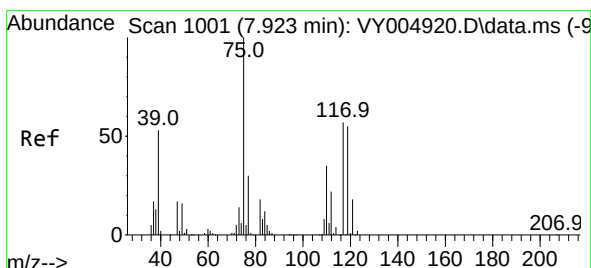
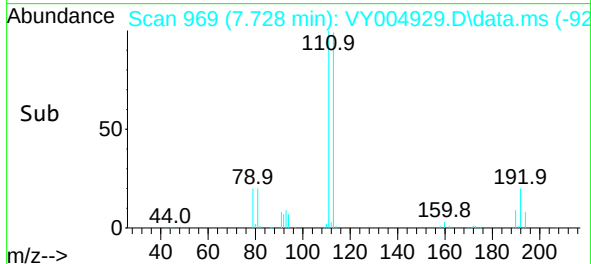
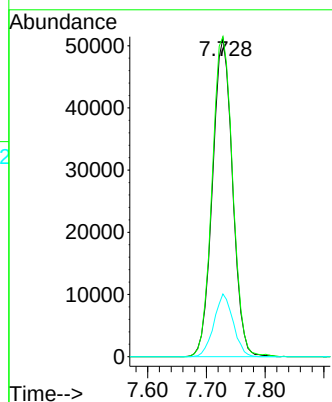
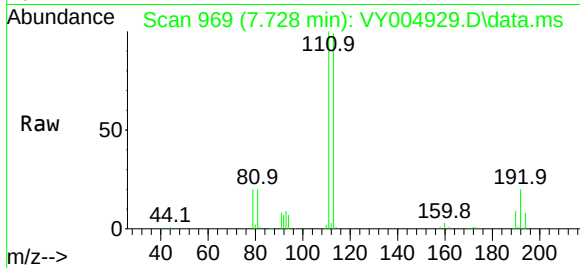




#35
Dibromofluoromethane
Concen: 58.75 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004929.D
Acq: 03 Jun 2021 12:20

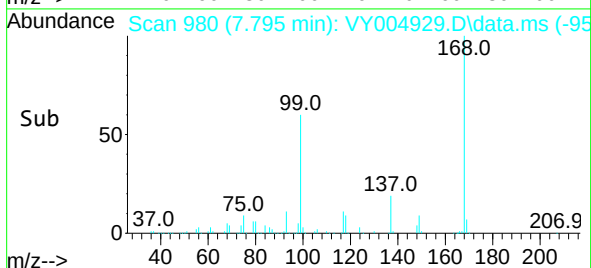
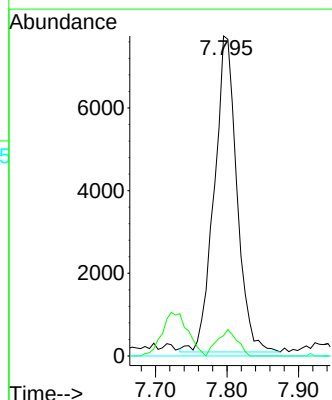
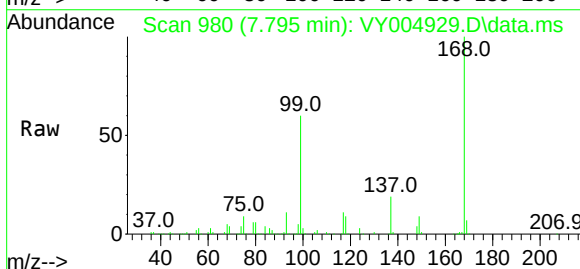
Instrument :
MSVOA_Y
ClientSampleId :

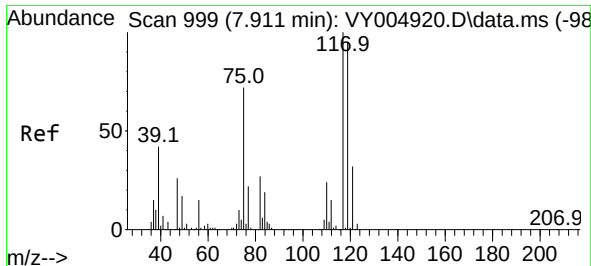
Tgt Ion:	113	Resp:	120807
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.8
192	19.0	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004929.D
Acq: 03 Jun 2021 12:20

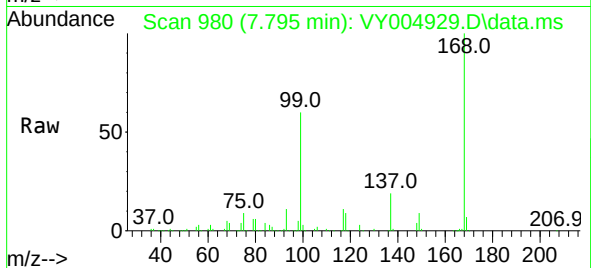
Tgt Ion:	75	Resp:	16855
Ion	Ratio	Lower	Upper
75	100		
110	7.3	17.5	52.5#
77	0.0	25.1	37.7#



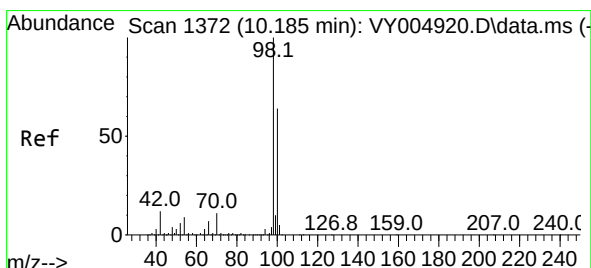
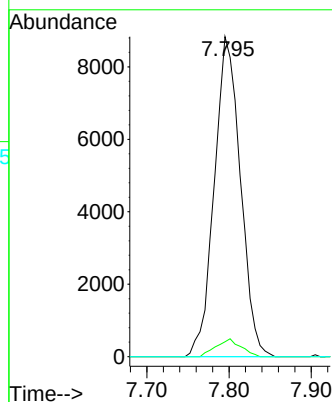
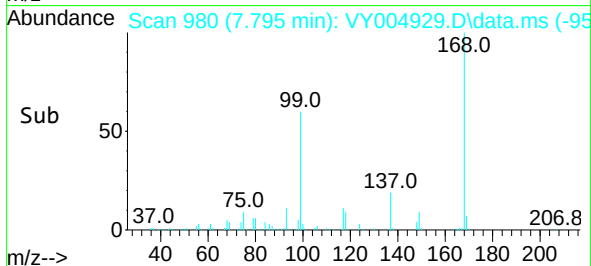


#38
Carbon Tetrachloride
Concen: 6.01 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004929.D
Acq: 03 Jun 2021 12:20

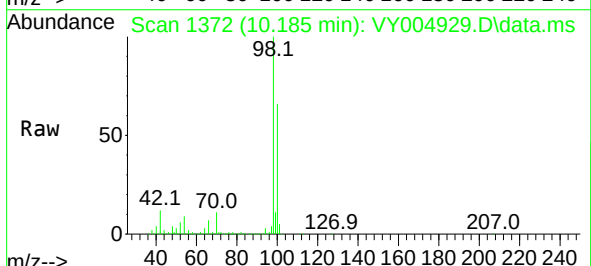
Instrument :
MSVOA_Y
ClientSampleId :



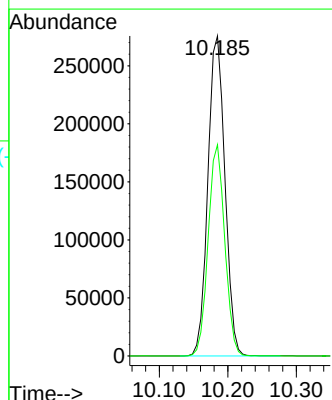
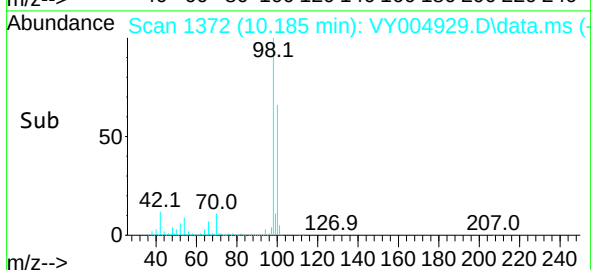
Tgt Ion:117 Resp: 19548
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 25.5 38.3#

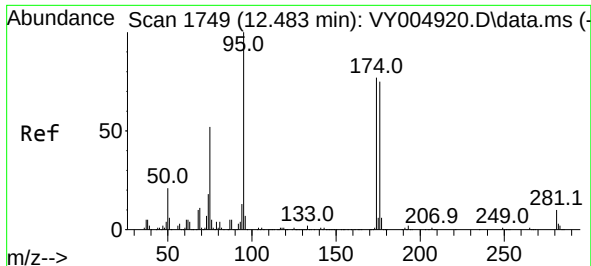


#50
Toluene-d8
Concen: 55.81 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004929.D
Acq: 03 Jun 2021 12:20



Tgt Ion: 98 Resp: 476545
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

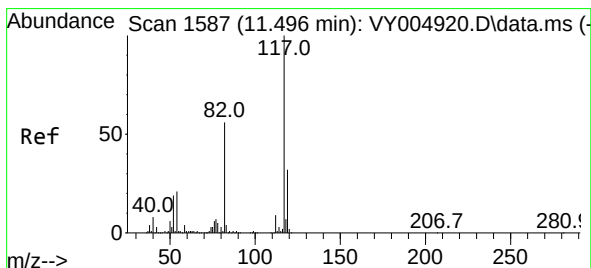
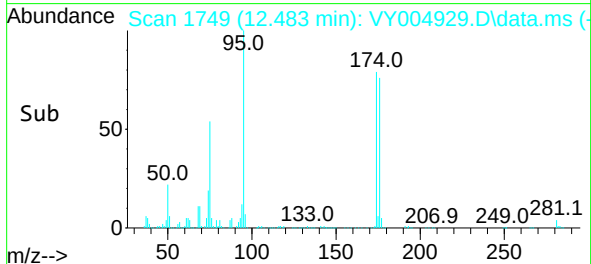
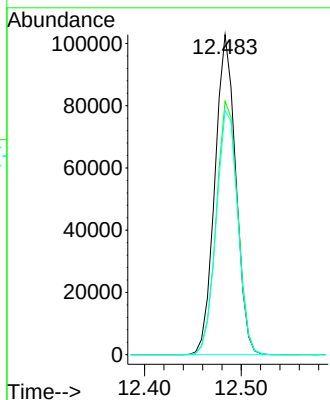
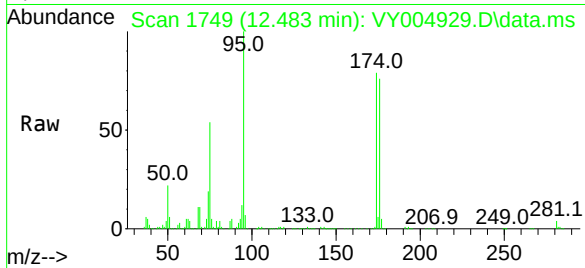




#62
4-Bromofluorobenzene
Concen: 52.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004929.D
Acq: 03 Jun 2021 12:20

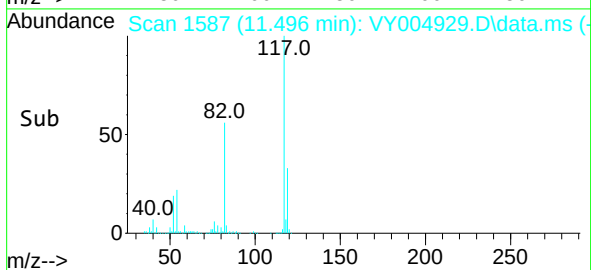
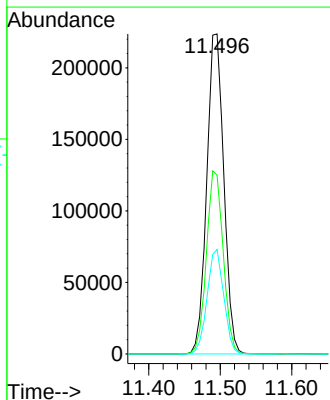
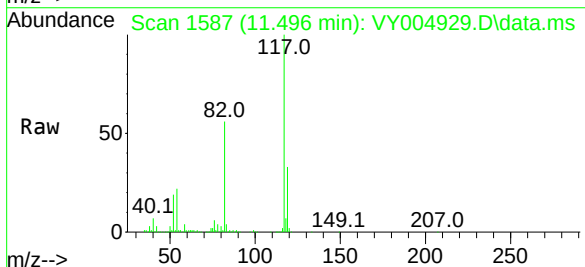
Instrument :
MSVOA_Y
ClientSampleId :

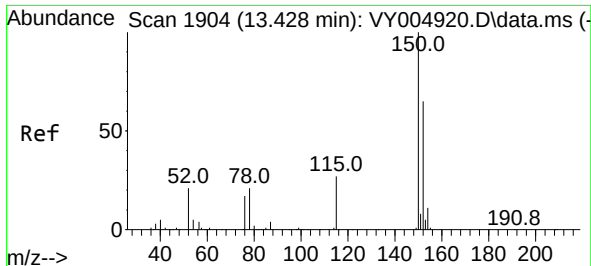
Tgt Ion: 95 Resp: 154190
Ion Ratio Lower Upper
95 100
174 81.6 0.0 160.8
176 78.6 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004929.D
Acq: 03 Jun 2021 12:20

Tgt Ion: 117 Resp: 369953
Ion Ratio Lower Upper
117 100
82 55.8 44.8 67.2
119 32.7 25.2 37.8

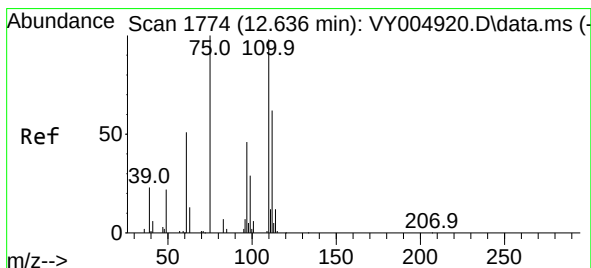
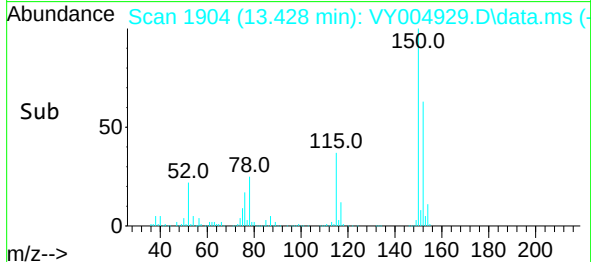
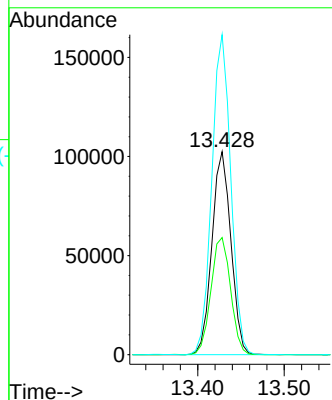
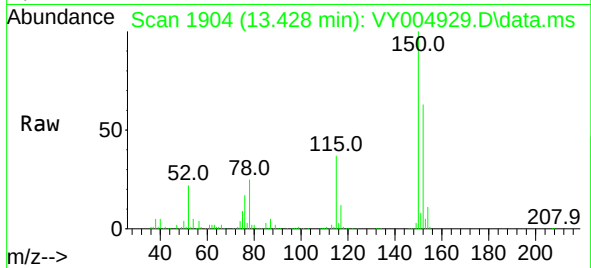




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004929.D
Acq: 03 Jun 2021 12:20

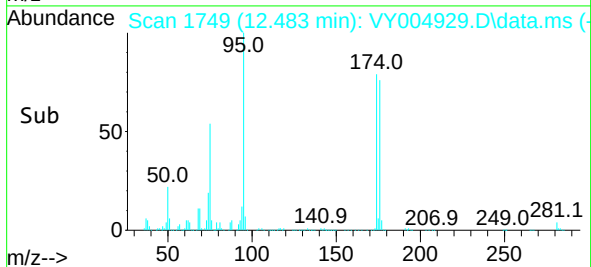
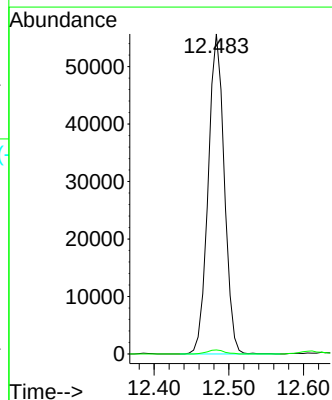
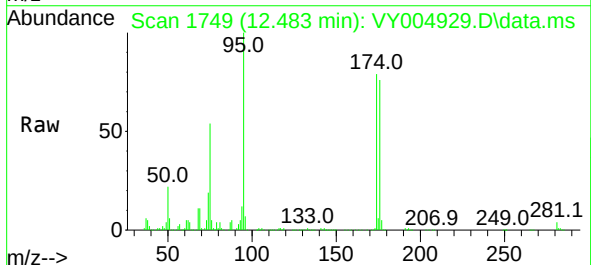
Instrument :
MSVOA_Y
ClientSampled :

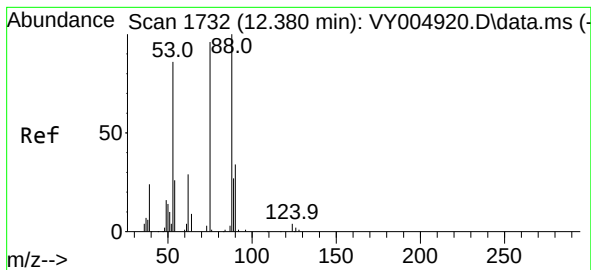
Tgt Ion:152 Resp: 156360
Ion Ratio Lower Upper
152 100
115 59.5 29.9 89.7
150 157.0 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 48.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004929.D
Acq: 03 Jun 2021 12:20

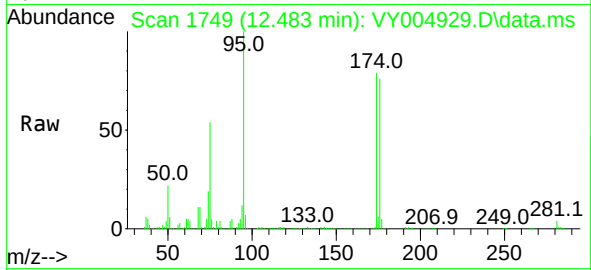
Tgt Ion: 75 Resp: 83380
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.40 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004929.D
 Acq: 03 Jun 2021 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 83380
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.3 103.9#
 89 0.1 35.0 52.6#

