

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004949.D
 Acq On : 03 Jun 2021 20:05
 Operator : SY/MD
 Sample : M2589-19
 Misc : 14.47G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 04 01:20:04 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)

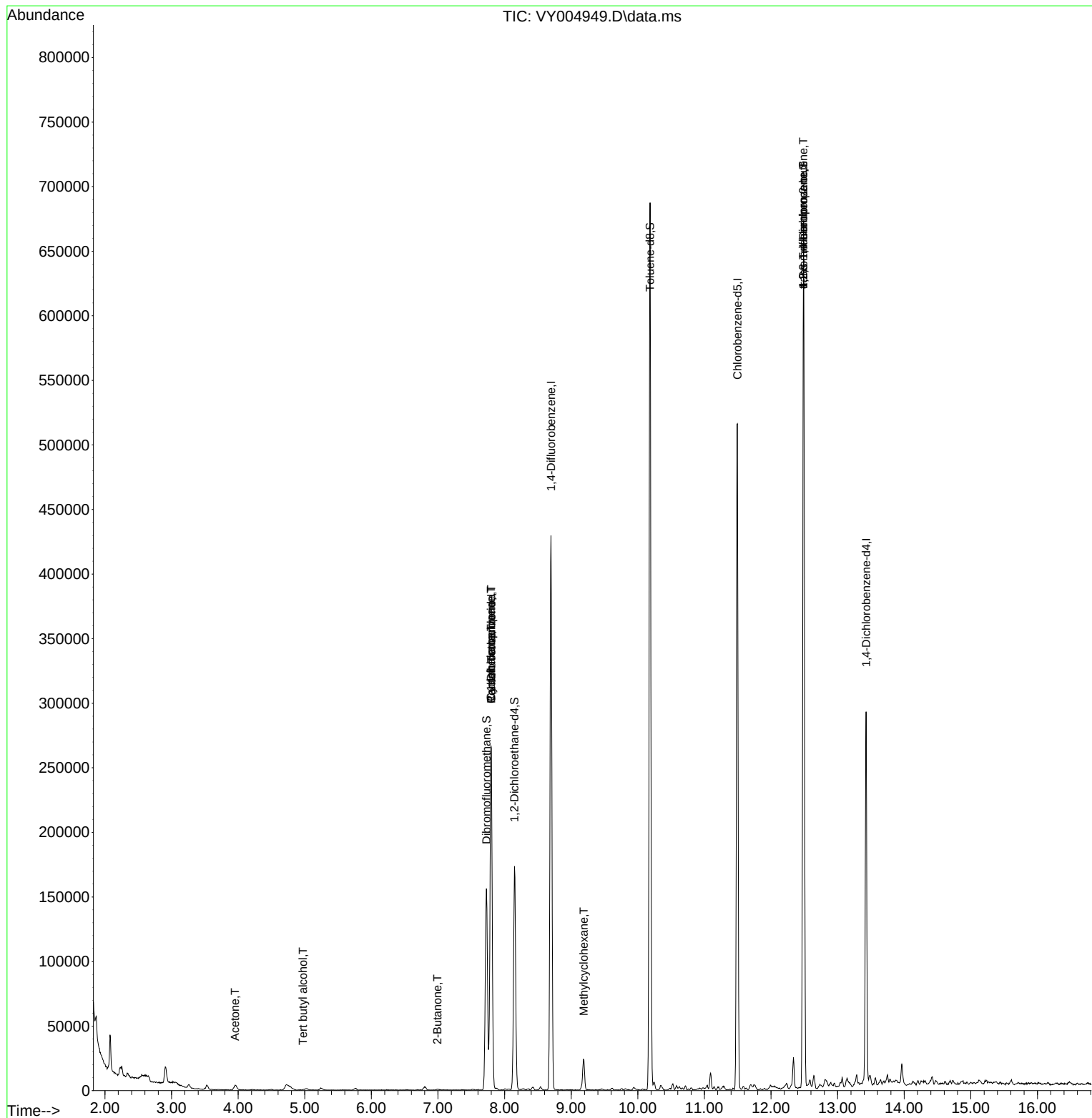
Internal Standards						
1) Pentafluorobenzene	7.801	168	195523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	356337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130298	63.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.08%
35) Dibromofluoromethane	7.728	113	110569	57.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.34%
50) Toluene-d8	10.185	98	429810	53.98	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.96%
62) 4-Bromofluorobenzene	12.483	95	100774	36.80	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.60%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	634	2.67	ug/l #	74
13) Acrolein	3.960	56	221	Below	Cal #	58
16) Acetone	3.954	43	5700	11.46	ug/l	93
20) Methylene Chloride	4.722	84	2349	Below	Cal	95
25) 2-Butanone	6.990	43	1126	1.35	ug/l #	84
31) Cyclohexane	7.795	56	9949	2.73	ug/l #	55
36) 1,1-Dichloropropene	7.795	75	16189	4.64	ug/l #	50
38) Carbon Tetrachloride	7.801	117	20429	6.73	ug/l #	17
39) Methylcyclohexane	9.191	83	9789	2.54	ug/l	92
76) 1,2,3-Trichloropropane	12.483	75	56985	74.27	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56985	136.49	ug/l #	15

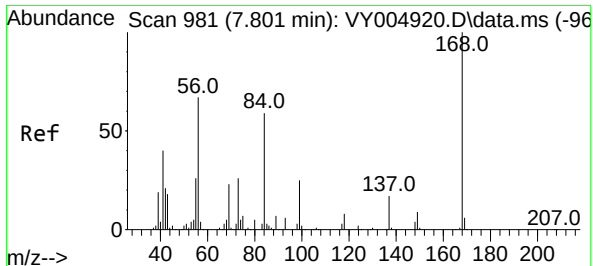
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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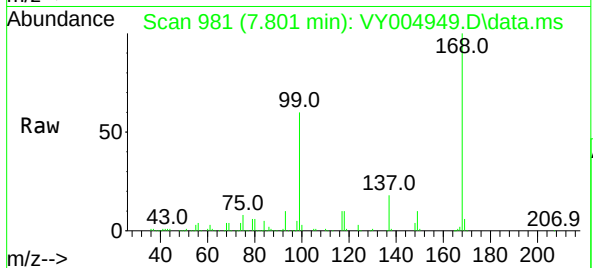
Quant Time: Jun 04 01:20:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
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QLast Update : Thu Jun 03 04:43:33 2021
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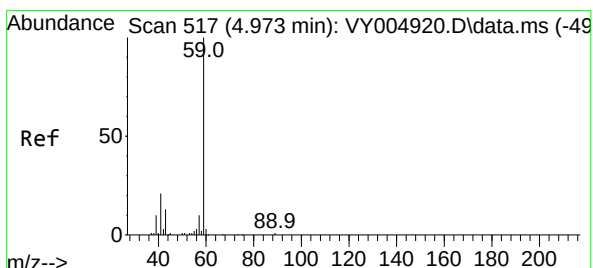
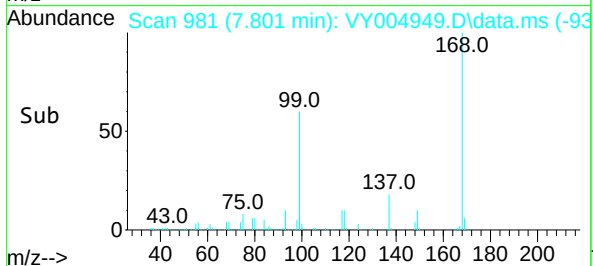
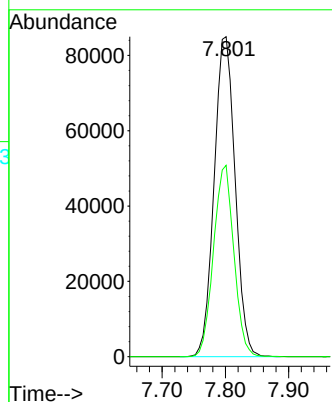


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05

Instrument :
MSVOA_Y
ClientSampleId :

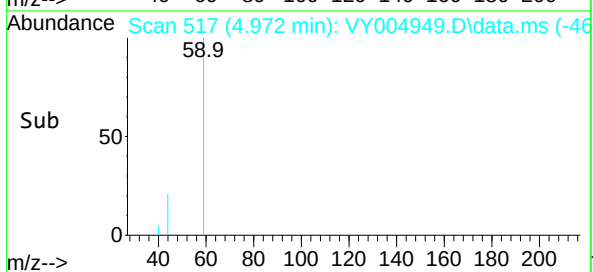
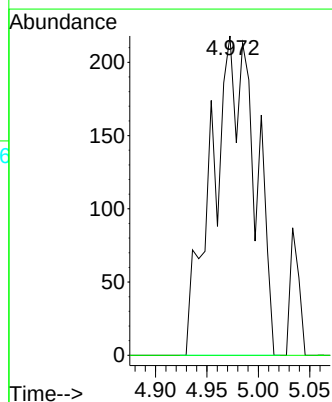
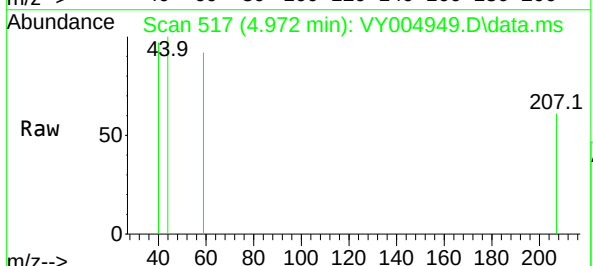


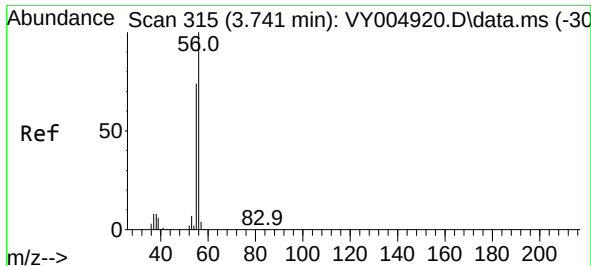
Tgt Ion:168 Resp: 195523
Ion Ratio Lower Upper
168 100
99 59.8 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.67 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05

Tgt Ion: 59 Resp: 634
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

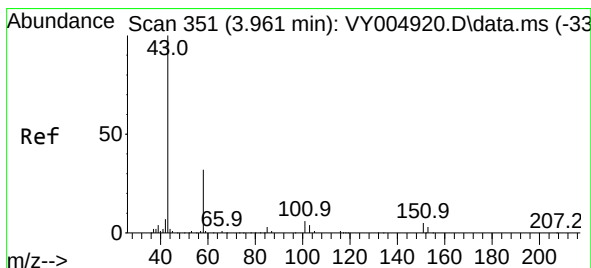
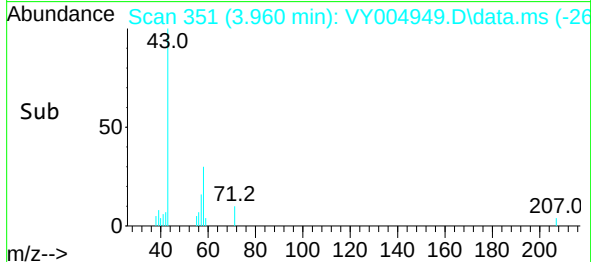
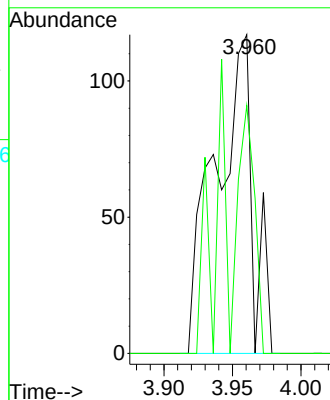
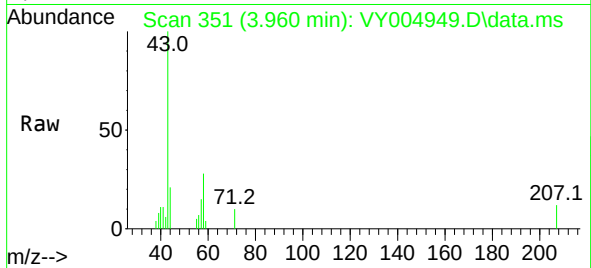




#13
Acrolein
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.219 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05

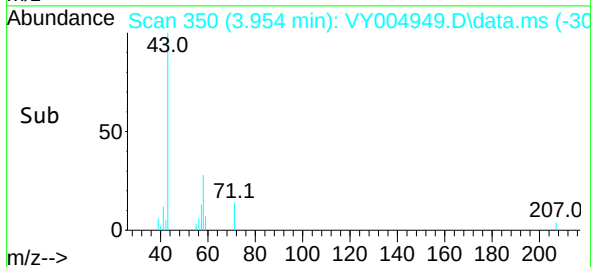
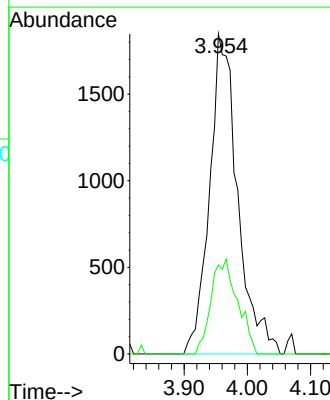
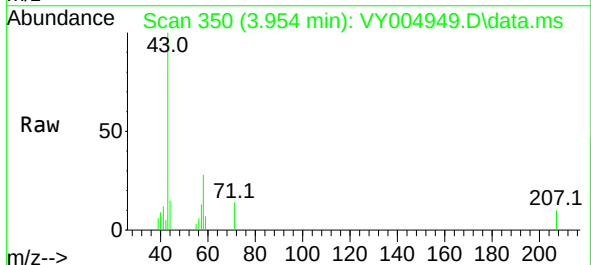
Instrument :
MSVOA_Y
ClientSampled :

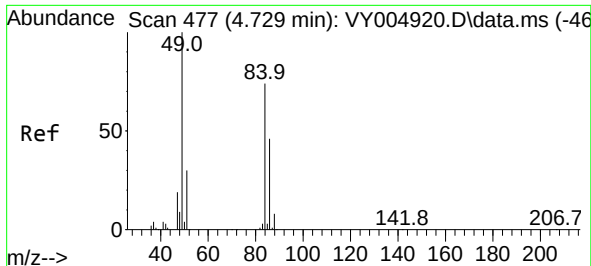
Tgt Ion: 56 Resp: 221
Ion Ratio Lower Upper
56 100
55 35.3 55.4 83.2#



#16
Acetone
Concen: 11.46 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05

Tgt Ion: 43 Resp: 5700
Ion Ratio Lower Upper
43 100
58 27.9 25.3 37.9





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

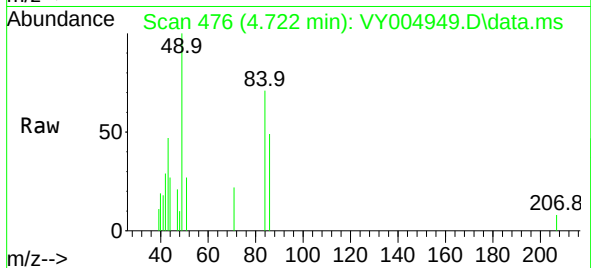
Lab File: VY004949.D

Acq: 03 Jun 2021 20:05

Instrument :

MSVOA_Y

ClientSampled :



Tgt Ion: 84 Resp: 2349

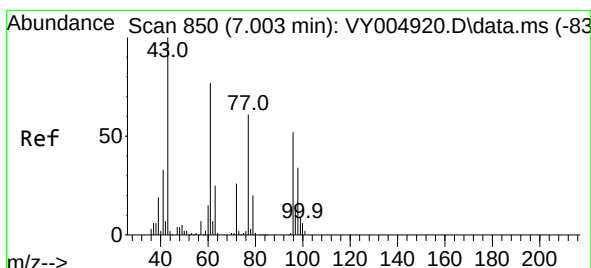
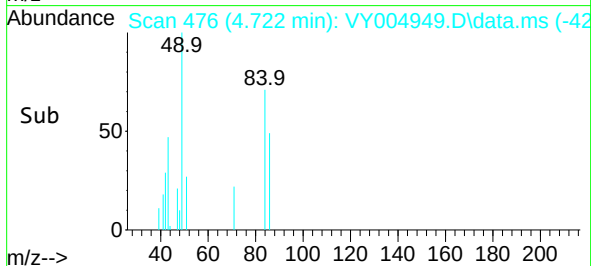
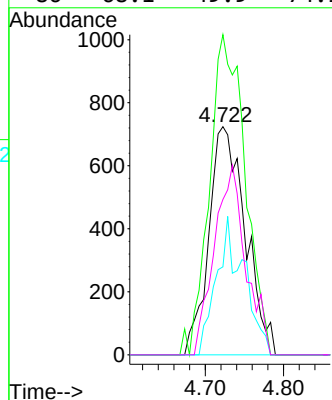
Ion Ratio Lower Upper

84 100

49 140.3 108.0 162.0

51 38.5 32.6 48.8

86 68.1 49.9 74.9



#25

2-Butanone

Concen: 1.35 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY004949.D

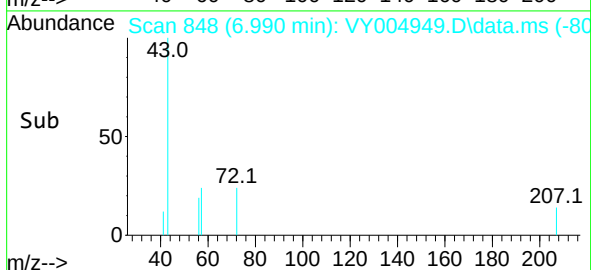
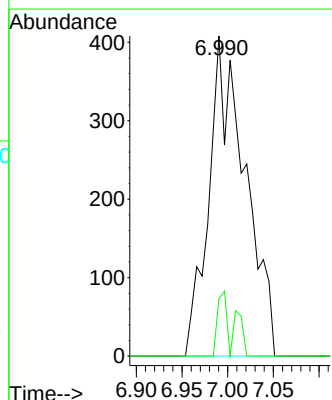
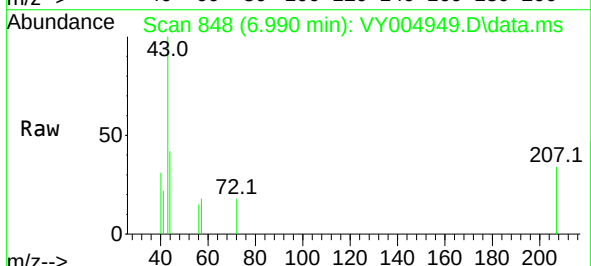
Acq: 03 Jun 2021 20:05

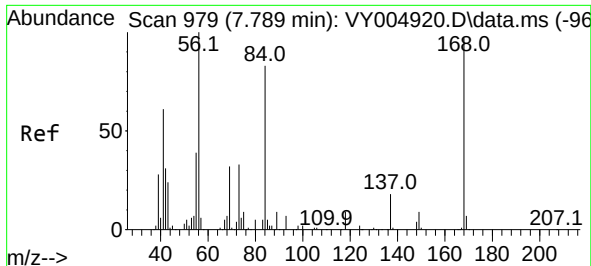
Tgt Ion: 43 Resp: 1126

Ion Ratio Lower Upper

43 100

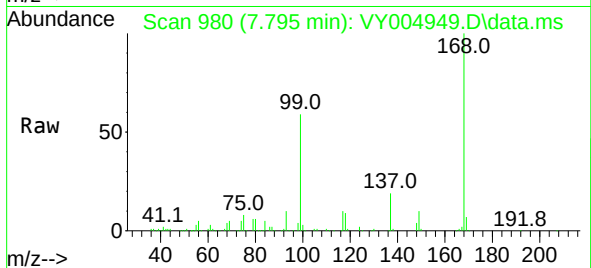
72 17.9 20.6 31.0#



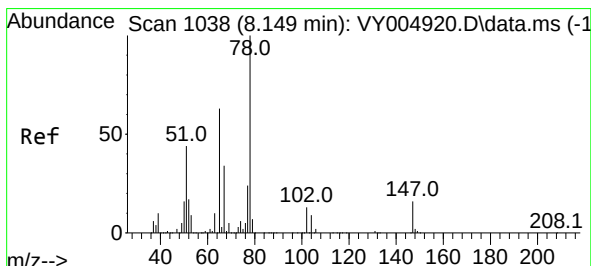
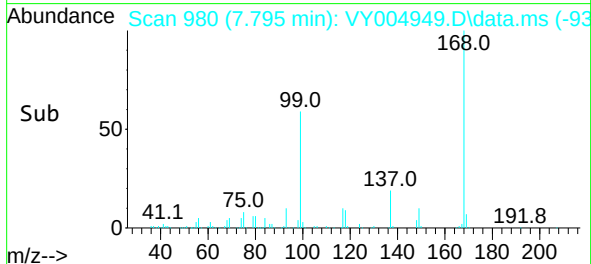
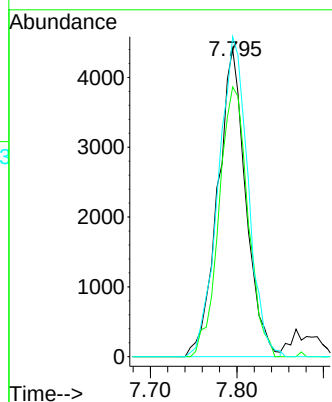


#31
Cyclohexane
Concen: 2.73 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05

Instrument :
MSVOA_Y
ClientSampleId :

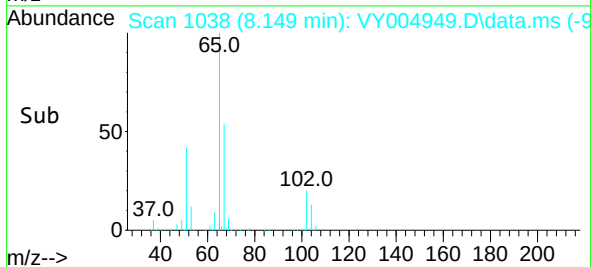
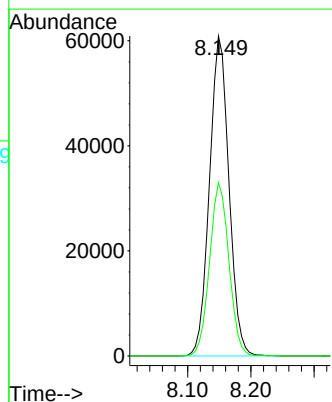
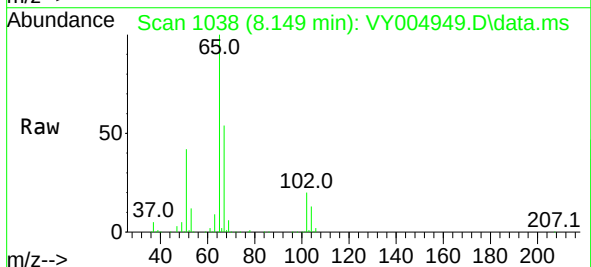


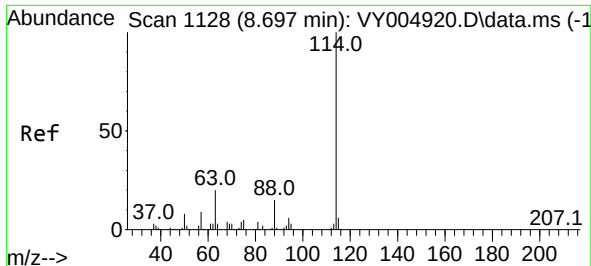
Tgt Ion: 56 Resp: 9949
Ion Ratio Lower Upper
56 100
69 87.7 25.3 37.9#
84 104.0 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 63.04 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05

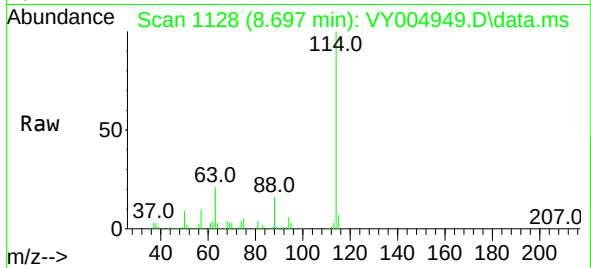
Tgt Ion: 65 Resp: 130298
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6



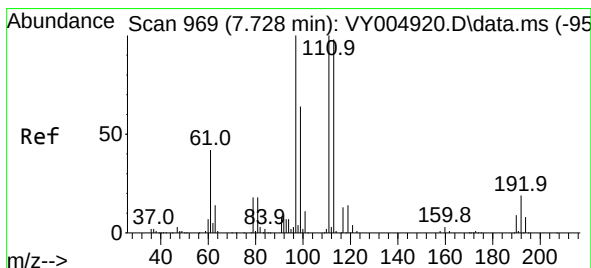
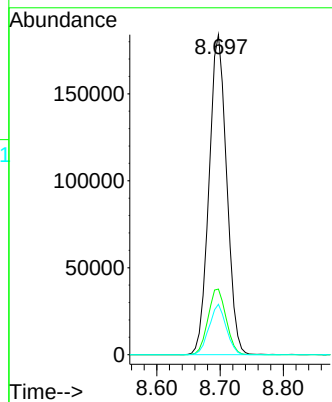
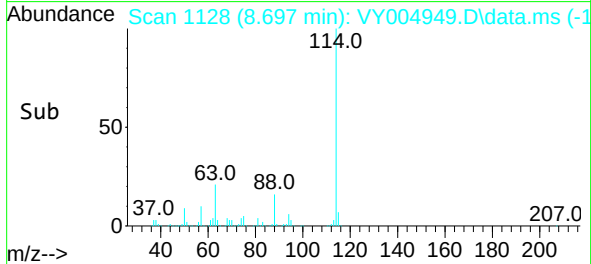


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05

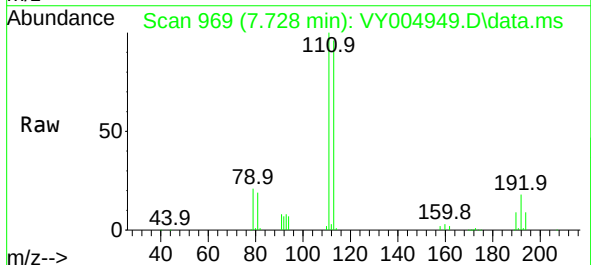
Instrument :
MSVOA_Y
ClientSampleId :



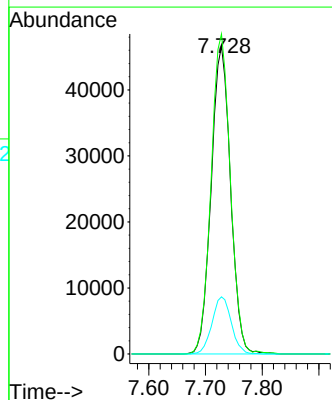
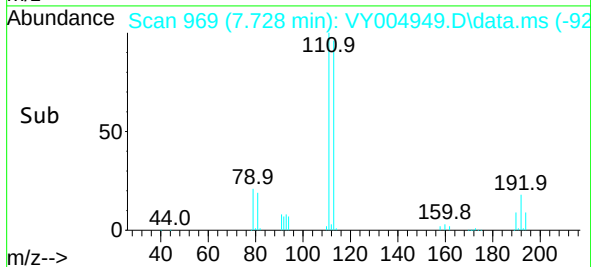
Tgt Ion:114 Resp: 356337
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.0
88 15.7 0.0 30.6

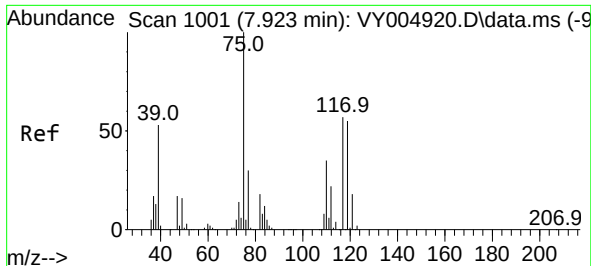


#35
Dibromofluoromethane
Concen: 57.67 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05



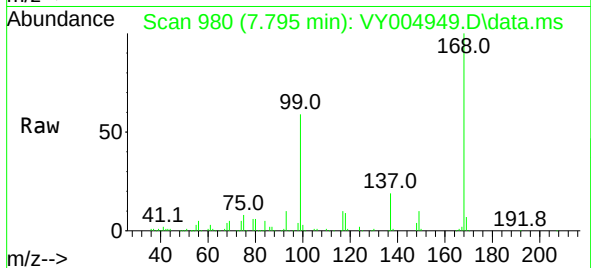
Tgt Ion:113 Resp: 110569
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 18.5 15.3 22.9



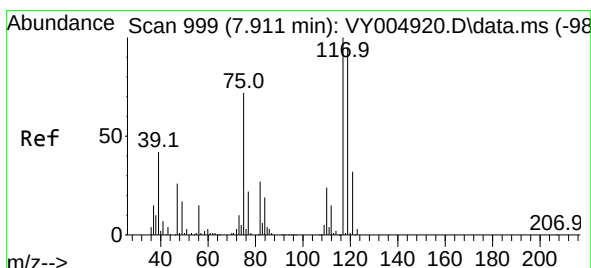
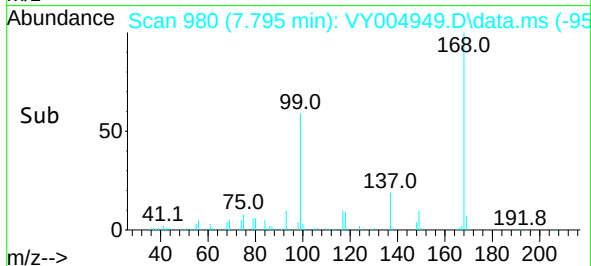
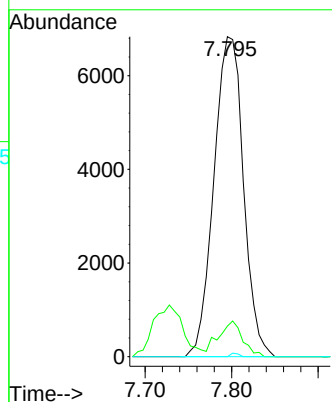


#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05

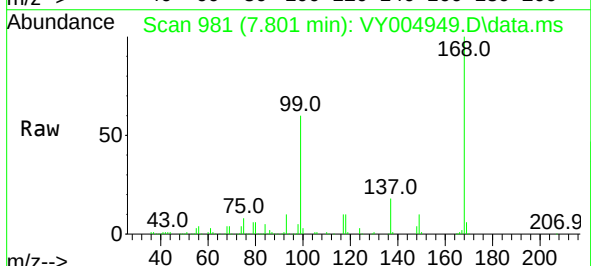
Instrument :
MSVOA_Y
ClientSampleId :



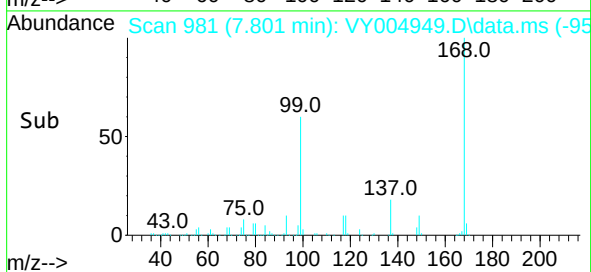
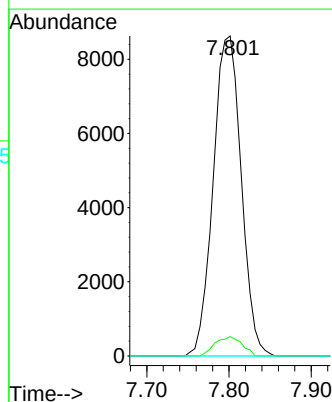
Tgt Ion: 75 Resp: 16189
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.5#
77 0.3 25.1 37.7#

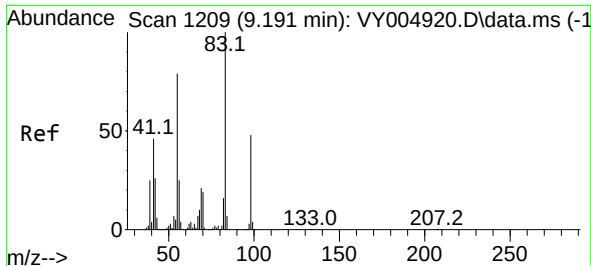


#38
Carbon Tetrachloride
Concen: 6.73 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05



Tgt Ion: 117 Resp: 20429
Ion Ratio Lower Upper
117 100
119 6.0 76.1 114.1#
121 0.0 25.5 38.3#

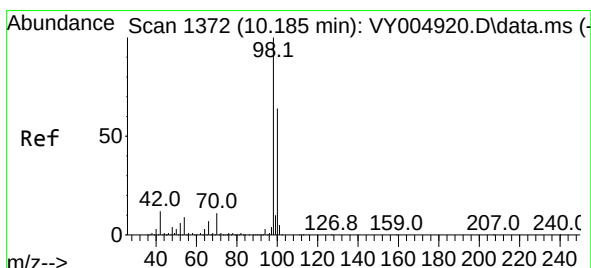
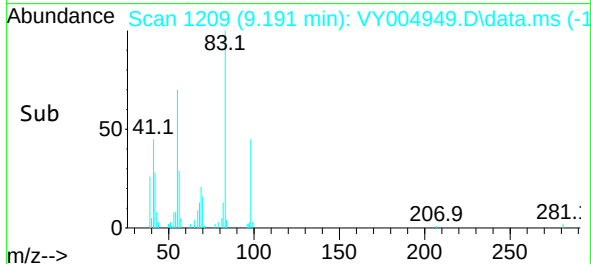
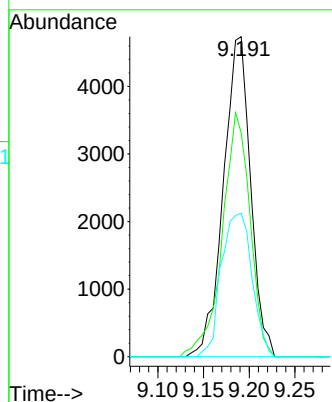
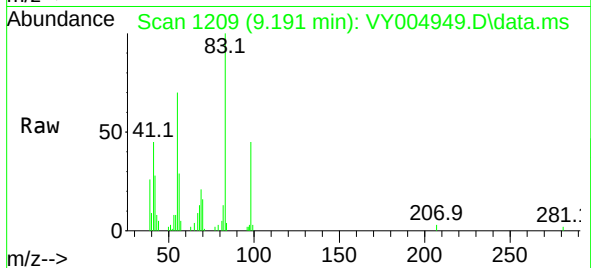




#39
Methylcyclohexane
Concen: 2.54 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.000 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05

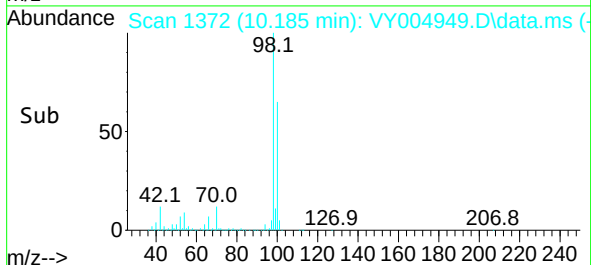
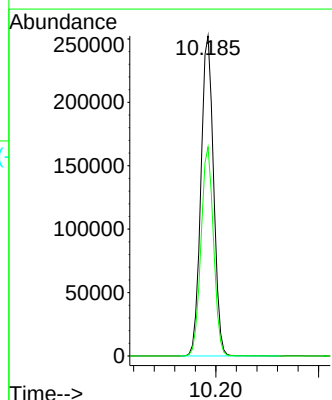
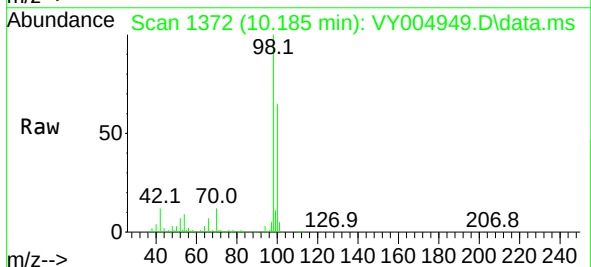
Instrument :
MSVOA_Y
ClientSampled :

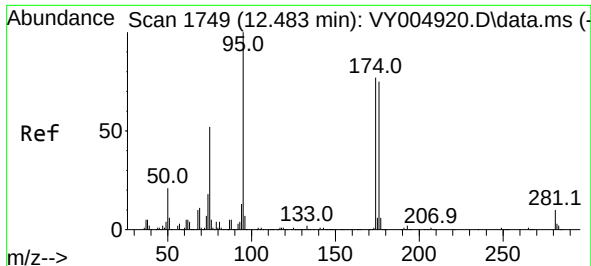
Tgt Ion: 83 Resp: 9789
Ion Ratio Lower Upper
83 100
55 70.0 63.1 94.7
98 44.8 38.6 58.0



#50
Toluene-d8
Concen: 53.98 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05

Tgt Ion: 98 Resp: 429810
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

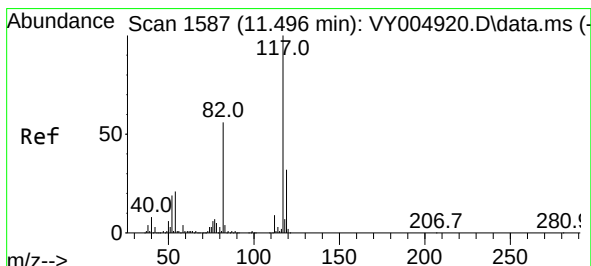
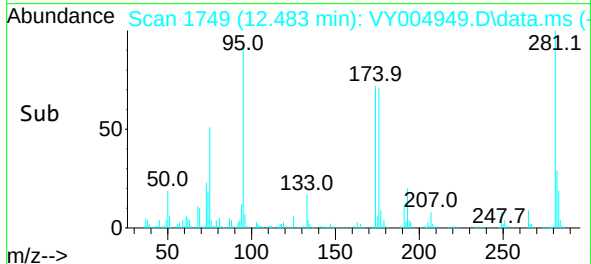
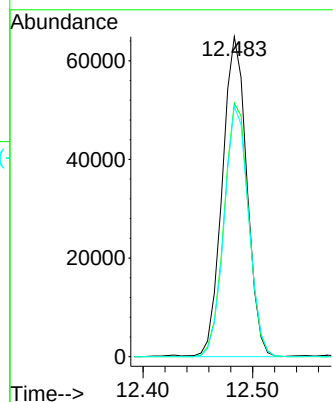
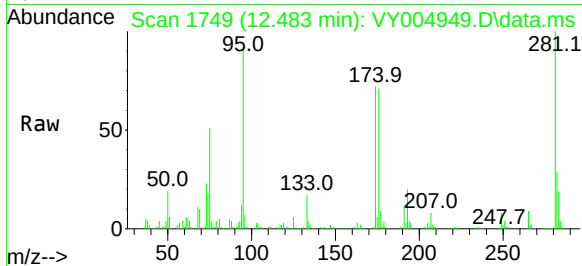




#62
4-Bromofluorobenzene
Concen: 36.80 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05

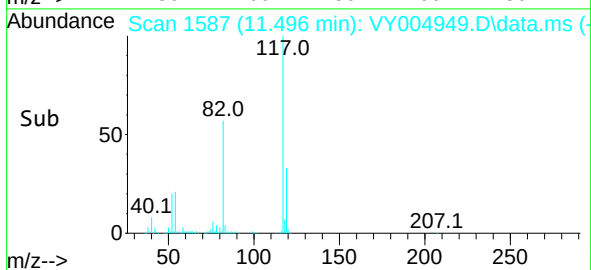
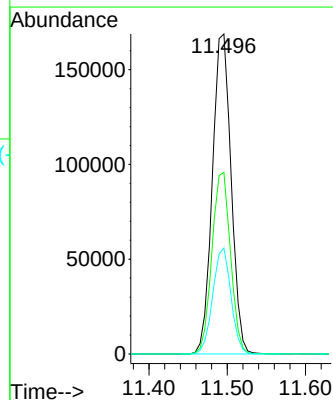
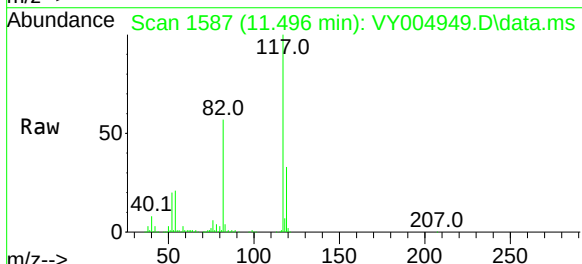
Instrument :
MSVOA_Y
ClientSampleId :

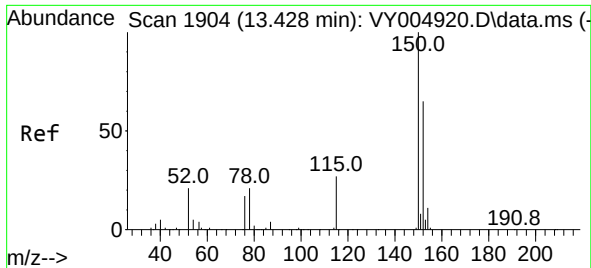
Tgt Ion: 95 Resp: 100774
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.8
176 77.8 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05

Tgt Ion: 117 Resp: 280254
Ion Ratio Lower Upper
117 100
82 56.8 44.8 67.2
119 33.1 25.2 37.8

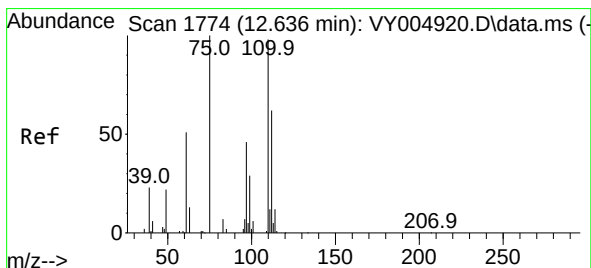
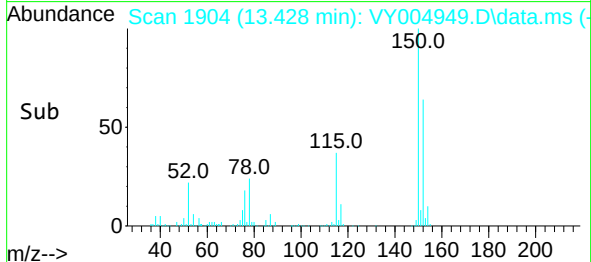
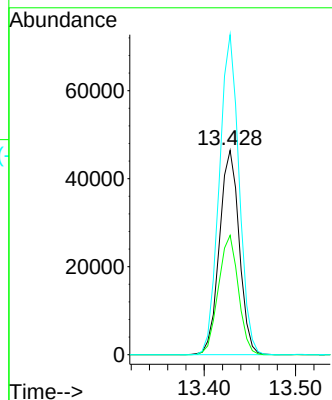
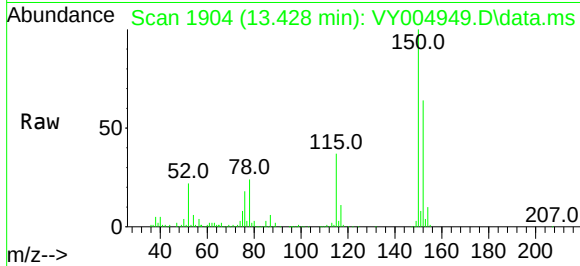




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05

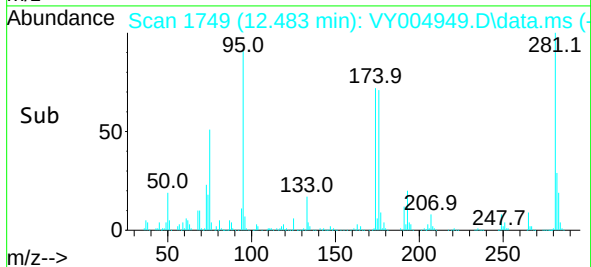
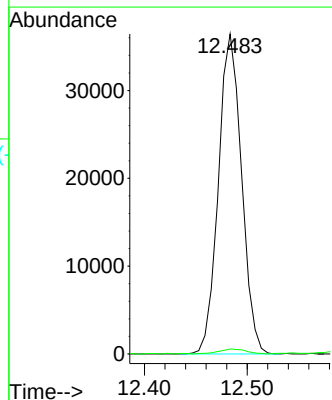
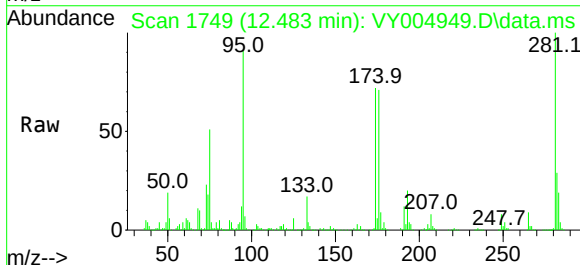
Instrument :
MSVOA_Y
ClientSampled :

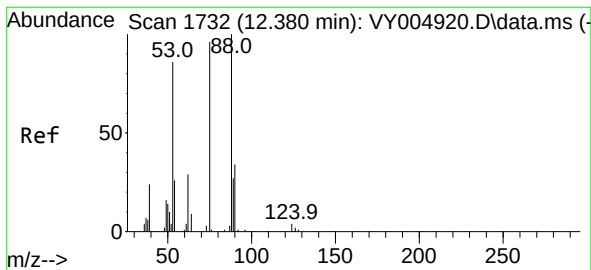
Tgt Ion:152 Resp: 69996
Ion Ratio Lower Upper
152 100
115 58.8 29.9 89.7
150 156.7 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 74.27 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004949.D
Acq: 03 Jun 2021 20:05

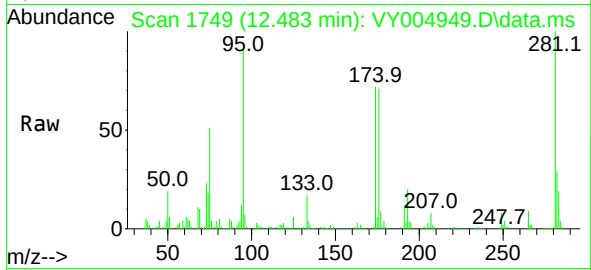
Tgt Ion: 75 Resp: 56985
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.49 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004949.D
 Acq: 03 Jun 2021 20:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 56985
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.3 103.9#
 89 0.0 35.0 52.6#

