

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005374.D
 Acq On : 07 Jul 2021 18:50
 Operator : SY/MD
 Sample : M2947-06
 Misc : 8.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 08 02:07:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

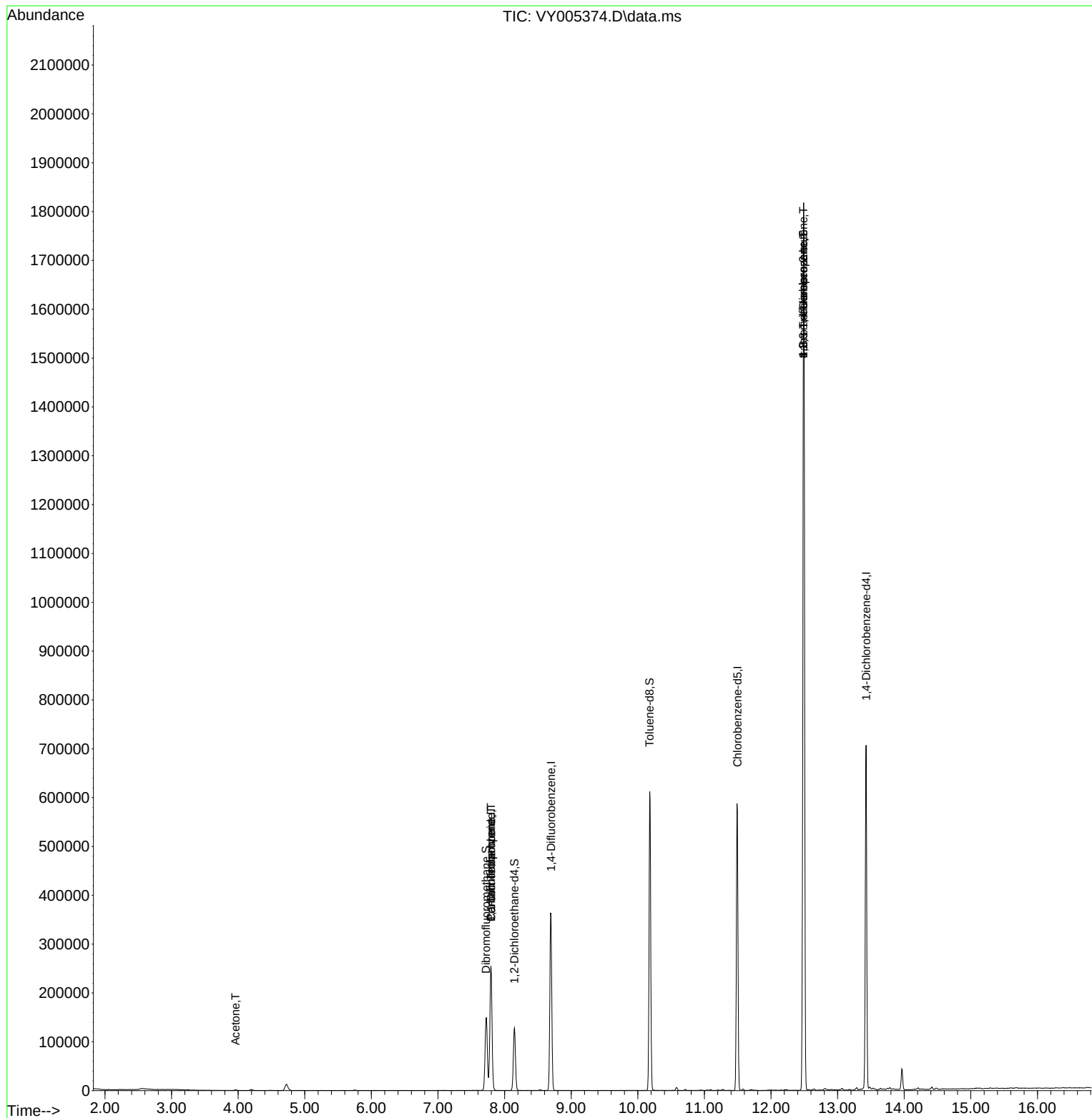
Internal Standards						
1) Pentafluorobenzene	7.795	168	240026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	364892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	376776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	207943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	99061	49.733	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.460%		
35) Dibromofluoromethane	7.722	113	106672	49.570	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.140%		
50) Toluene-d8	10.179	98	435910	50.652	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.300%		
62) 4-Bromofluorobenzene	12.483	95	161778	56.413	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	112.820%		
Target Compounds						
11) Tert butyl alcohol	4.972	59	614	Below Cal	#	77
16) Acetone	3.960	43	2079	4.518	ug/l	99
20) Methylene Chloride	4.728	84	11826	Below Cal	#	83
36) 1,1-Dichloropropene	7.795	75	11202	3.486	ug/l	# 49
38) Carbon Tetrachloride	7.795	117	18688	5.556	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	76020	41.221	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	76020	76.908	ug/l	# 19

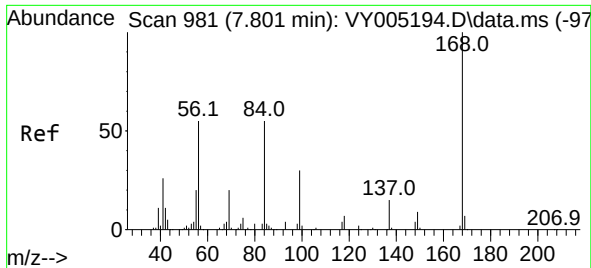
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 08 02:07:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration

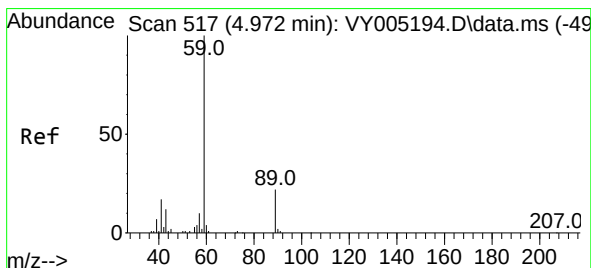
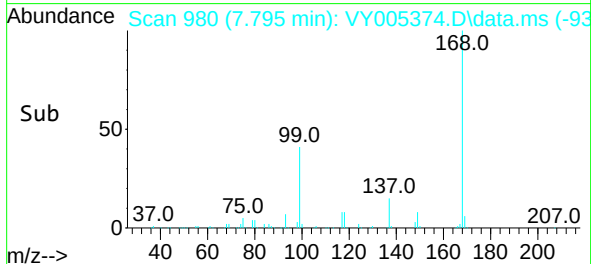
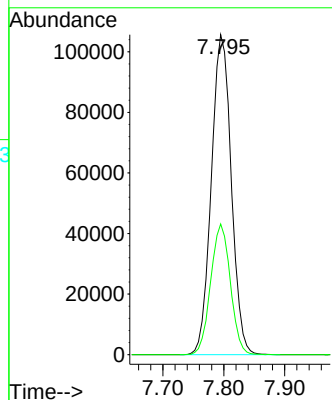
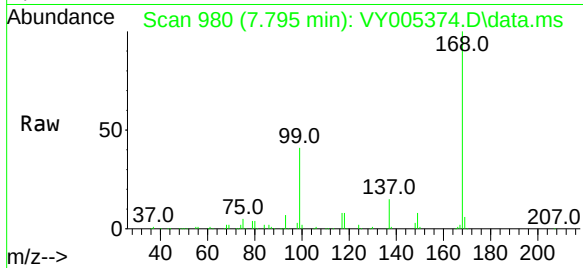




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005374.D
Acq: 07 Jul 2021 18:50

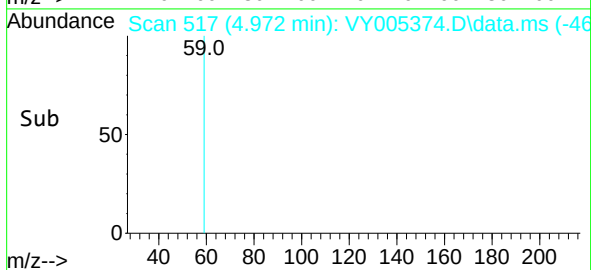
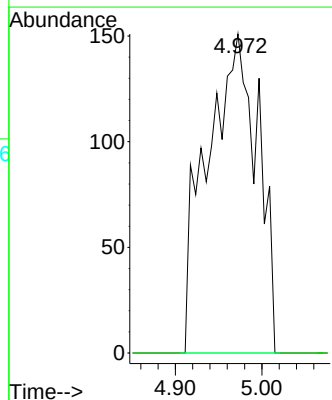
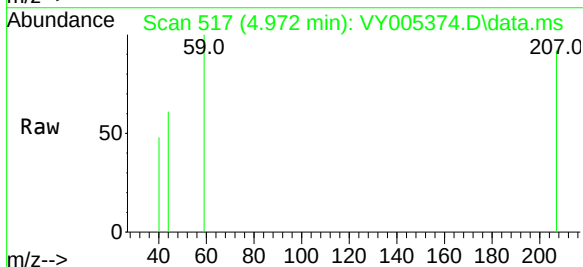
Instrument :
MSVOA_Y
ClientSampleId :

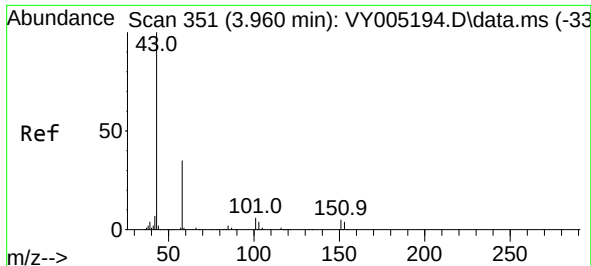
Tgt Ion:168 Resp: 240026
Ion Ratio Lower Upper
168 100
99 40.9 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005374.D
Acq: 07 Jul 2021 18:50

Tgt Ion: 59 Resp: 614
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

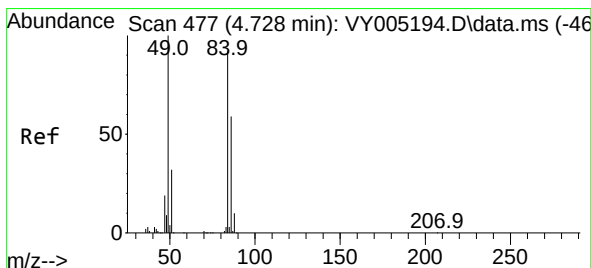
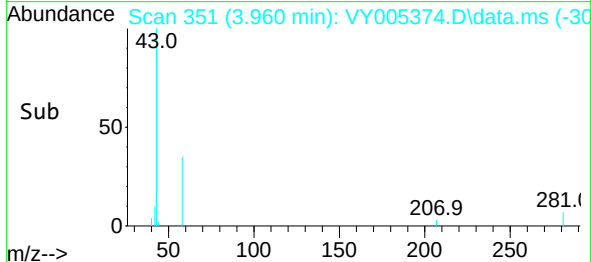
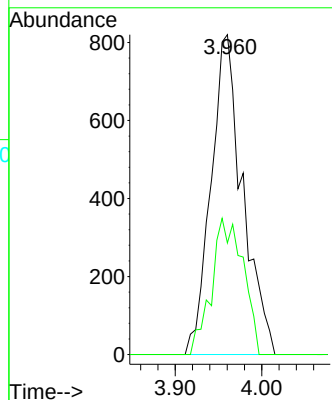
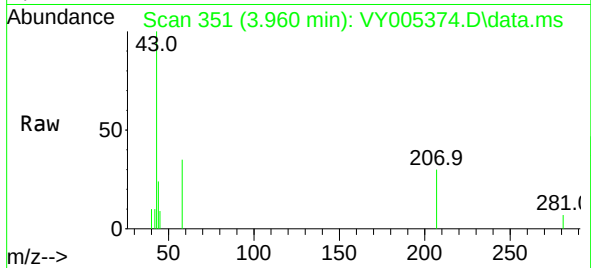




#16
Acetone
Concen: 4.518 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005374.D
Acq: 07 Jul 2021 18:50

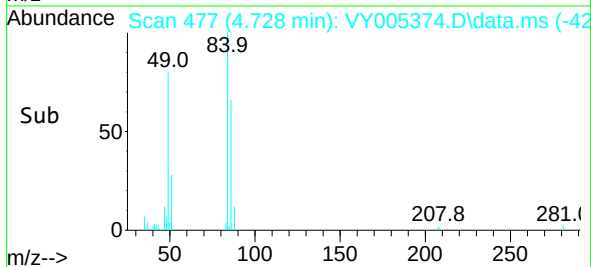
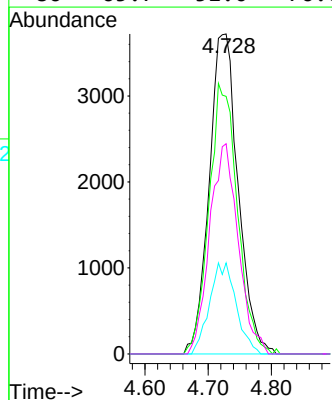
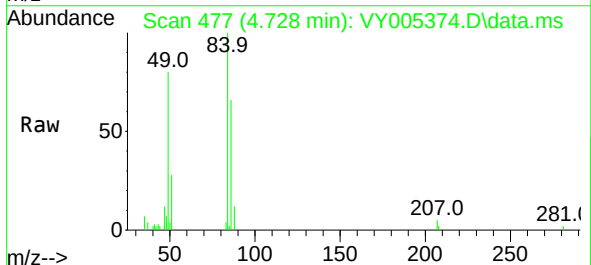
Instrument :
MSVOA_Y
ClientSampleId :

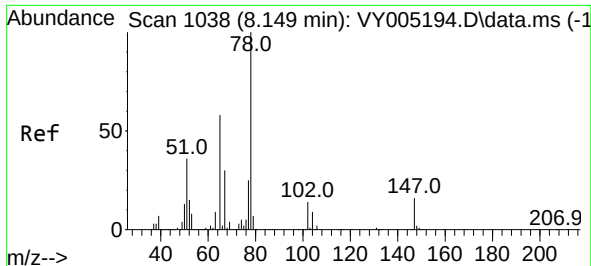
Tgt Ion: 43 Resp: 2079
Ion Ratio Lower Upper
43 100
58 34.9 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005374.D
Acq: 07 Jul 2021 18:50

Tgt Ion: 84 Resp: 11826
Ion Ratio Lower Upper
84 100
49 80.5 86.9 130.3#
51 28.5 27.4 41.2
86 65.7 51.0 76.6

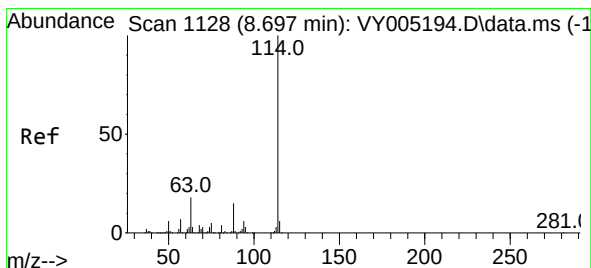
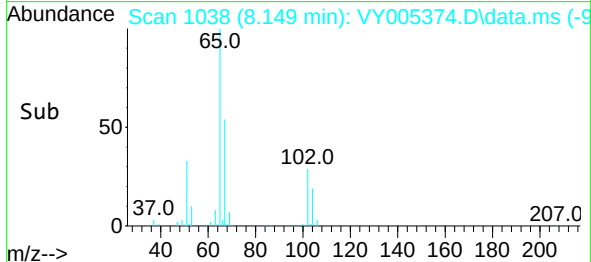
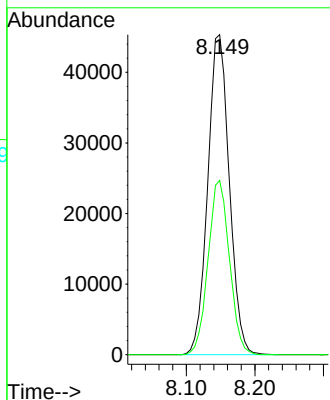
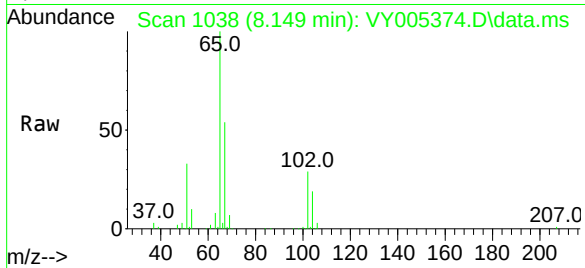




#33
 1,2-Dichloroethane-d4
 Concen: 49.733 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005374.D
 Acq: 07 Jul 2021 18:50

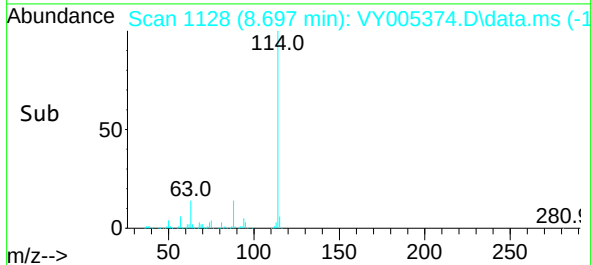
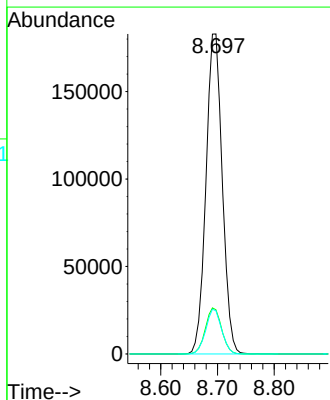
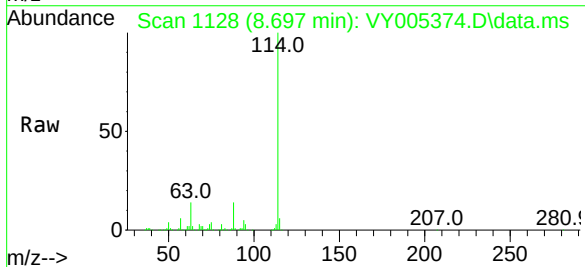
Instrument :
 MSVOA_Y
 ClientSampled :

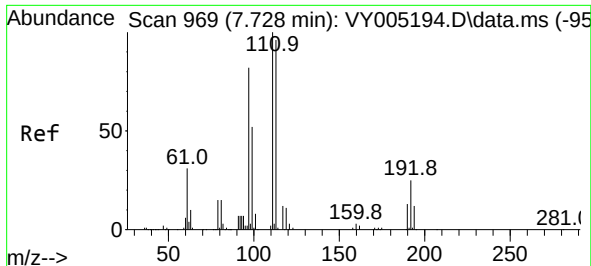
Tgt Ion: 65 Resp: 99061
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005374.D
 Acq: 07 Jul 2021 18:50

Tgt Ion: 114 Resp: 364892
 Ion Ratio Lower Upper
 114 100
 63 13.8 0.0 35.2
 88 13.5 0.0 29.4

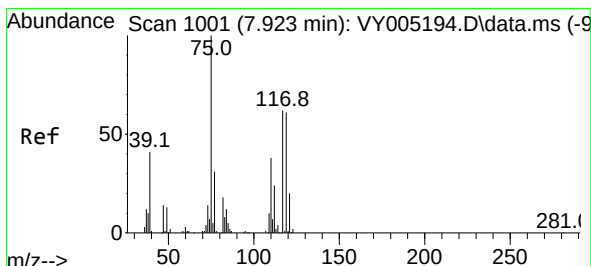
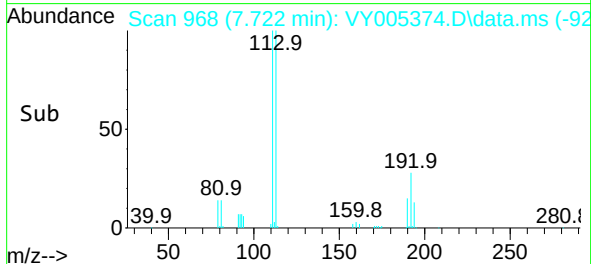
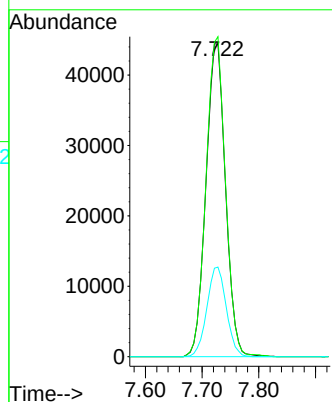
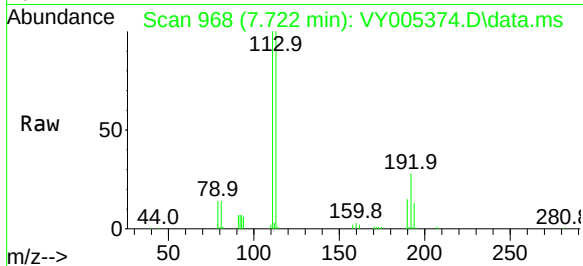




#35
Dibromofluoromethane
Concen: 49.570 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005374.D
Acq: 07 Jul 2021 18:50

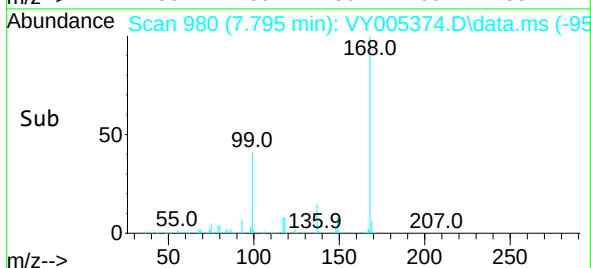
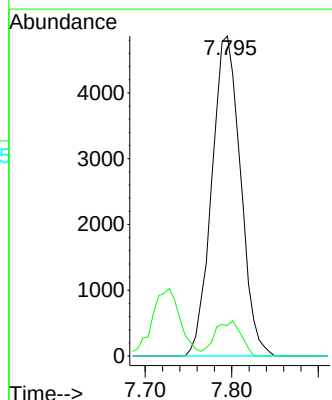
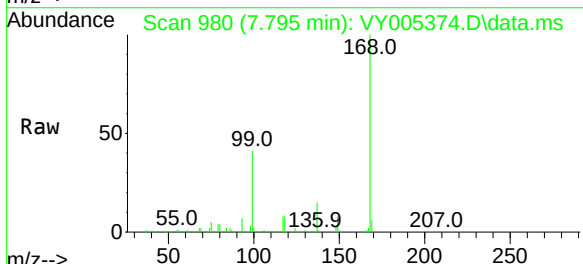
Instrument :
MSVOA_Y
ClientSampleId :

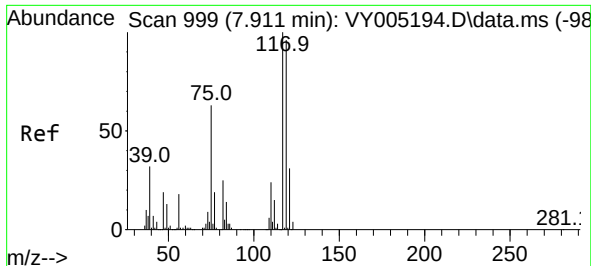
Tgt Ion:113 Resp: 106672
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 28.4 20.2 30.2



#36
1,1-Dichloropropene
Concen: 3.486 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005374.D
Acq: 07 Jul 2021 18:50

Tgt Ion: 75 Resp: 11202
Ion Ratio Lower Upper
75 100
110 9.9 19.1 57.5#
77 0.0 25.2 37.8#

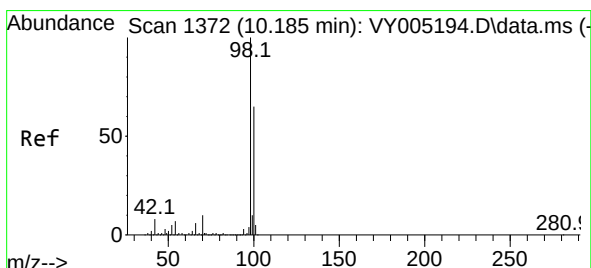
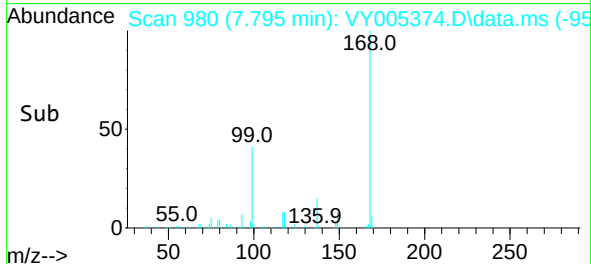
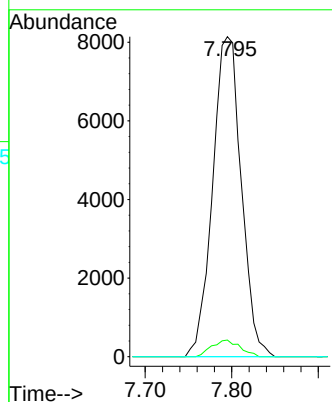
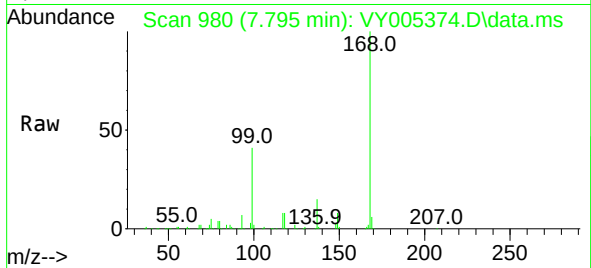




#38
Carbon Tetrachloride
Concen: 5.556 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005374.D
Acq: 07 Jul 2021 18:50

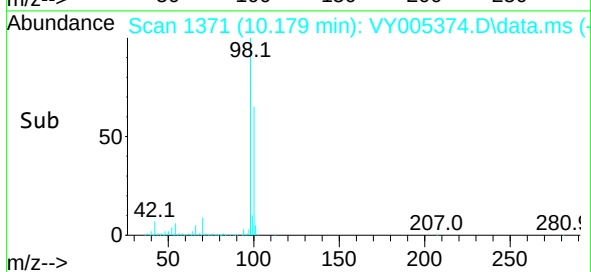
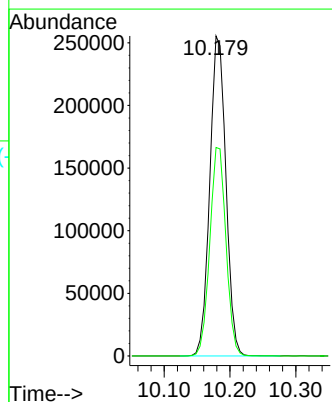
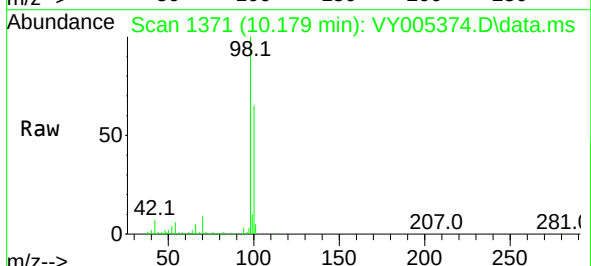
Instrument :
MSVOA_Y
ClientSampleId :

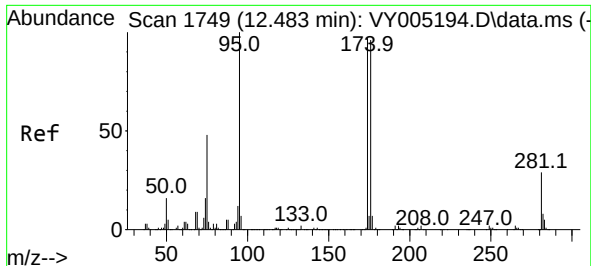
Tgt Ion:117 Resp: 18688
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.652 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005374.D
Acq: 07 Jul 2021 18:50

Tgt Ion: 98 Resp: 435910
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

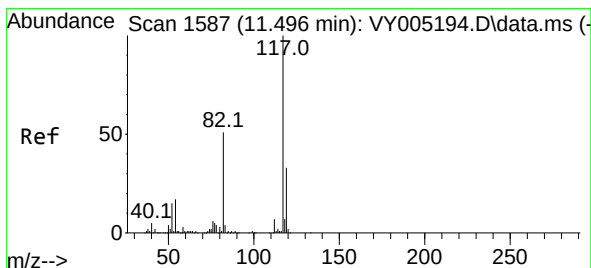
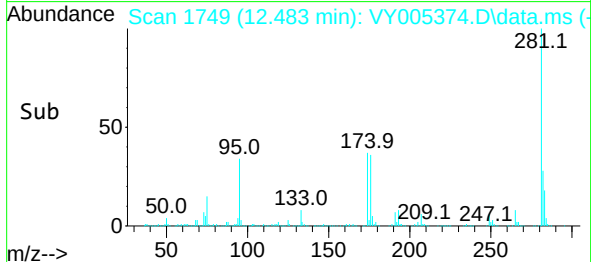
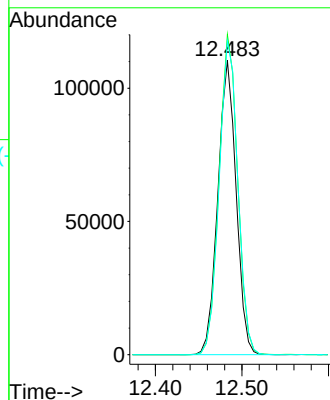
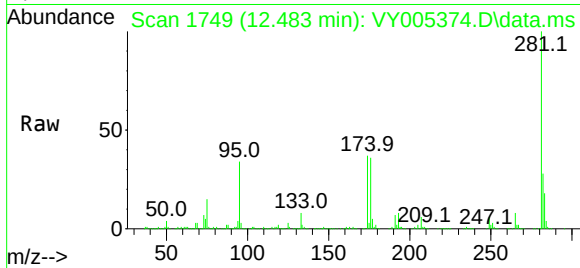




#62
4-Bromofluorobenzene
Concen: 56.413 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005374.D
Acq: 07 Jul 2021 18:50

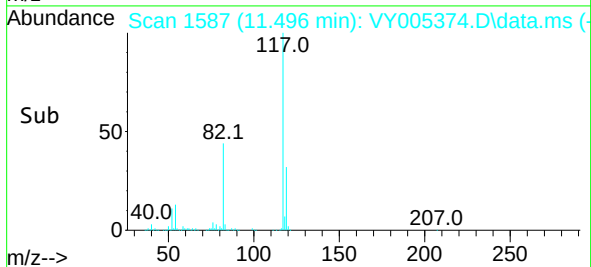
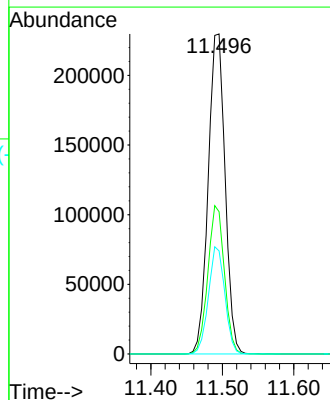
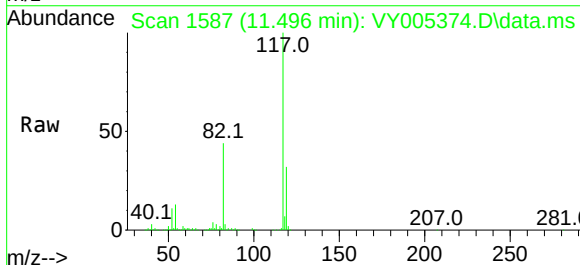
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MSVOA_Y
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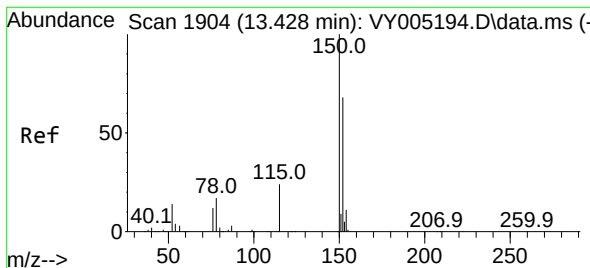
Tgt Ion: 95 Resp: 161778
Ion Ratio Lower Upper
95 100
174 110.4 0.0 201.6
176 109.4 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005374.D
Acq: 07 Jul 2021 18:50

Tgt Ion: 117 Resp: 376776
Ion Ratio Lower Upper
117 100
82 44.4 40.6 60.8
119 32.2 26.1 39.1

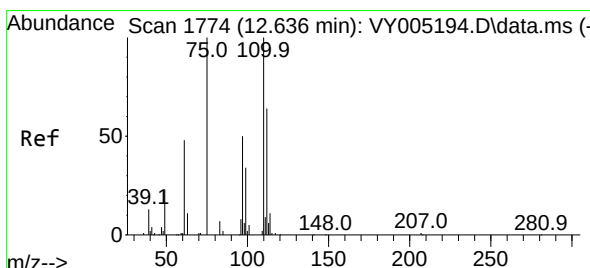
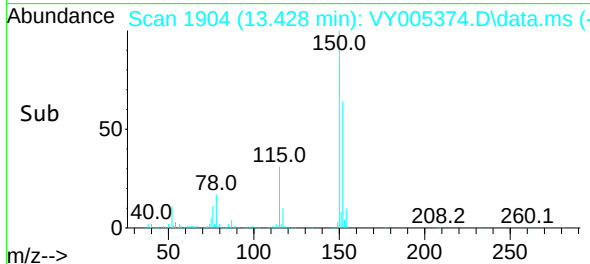
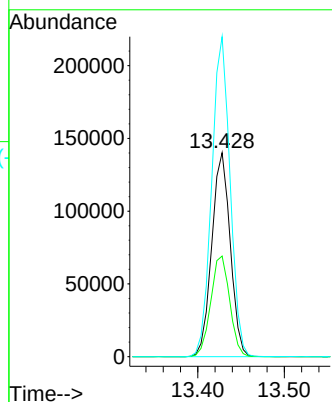
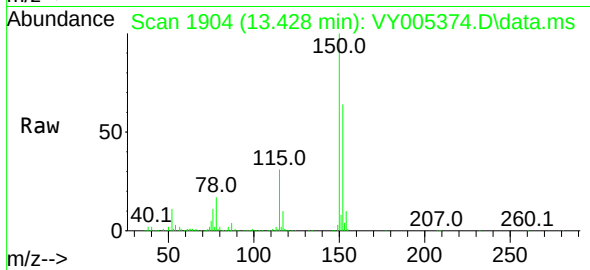




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005374.D
 Acq: 07 Jul 2021 18:50

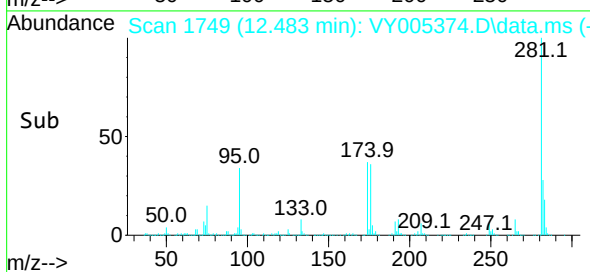
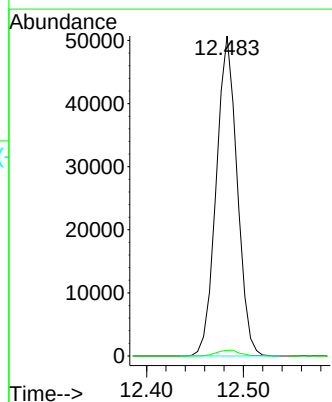
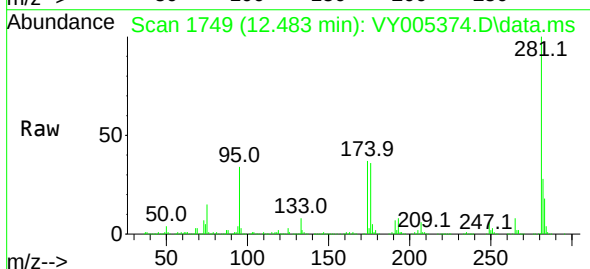
Instrument :
 MSVOA_Y
 ClientSampleId :

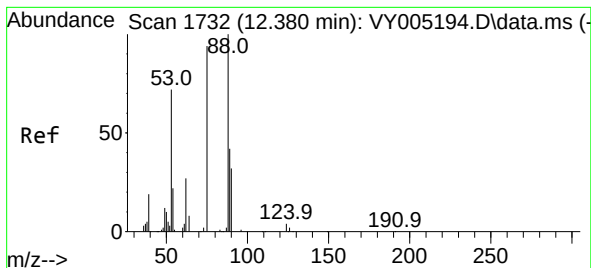
Tgt Ion:152 Resp: 207943
 Ion Ratio Lower Upper
 152 100
 115 50.5 26.3 78.8
 150 155.7 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 41.221 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005374.D
 Acq: 07 Jul 2021 18:50

Tgt Ion: 75 Resp: 76020
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 76.908 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY005374.D

Acq: 07 Jul 2021 18:50

Tgt Ion: 75 Resp: 76020

Ion Ratio Lower Upper

75 100

53 0.0 63.0 94.4#

89 3.5 38.0 57.0#

