

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005424.D
 Acq On : 23 Jul 2021 18:36
 Operator : SY/MD
 Sample : M3131-04
 Misc : 9.92G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210725-11

Quant Time: Jul 24 03:02:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

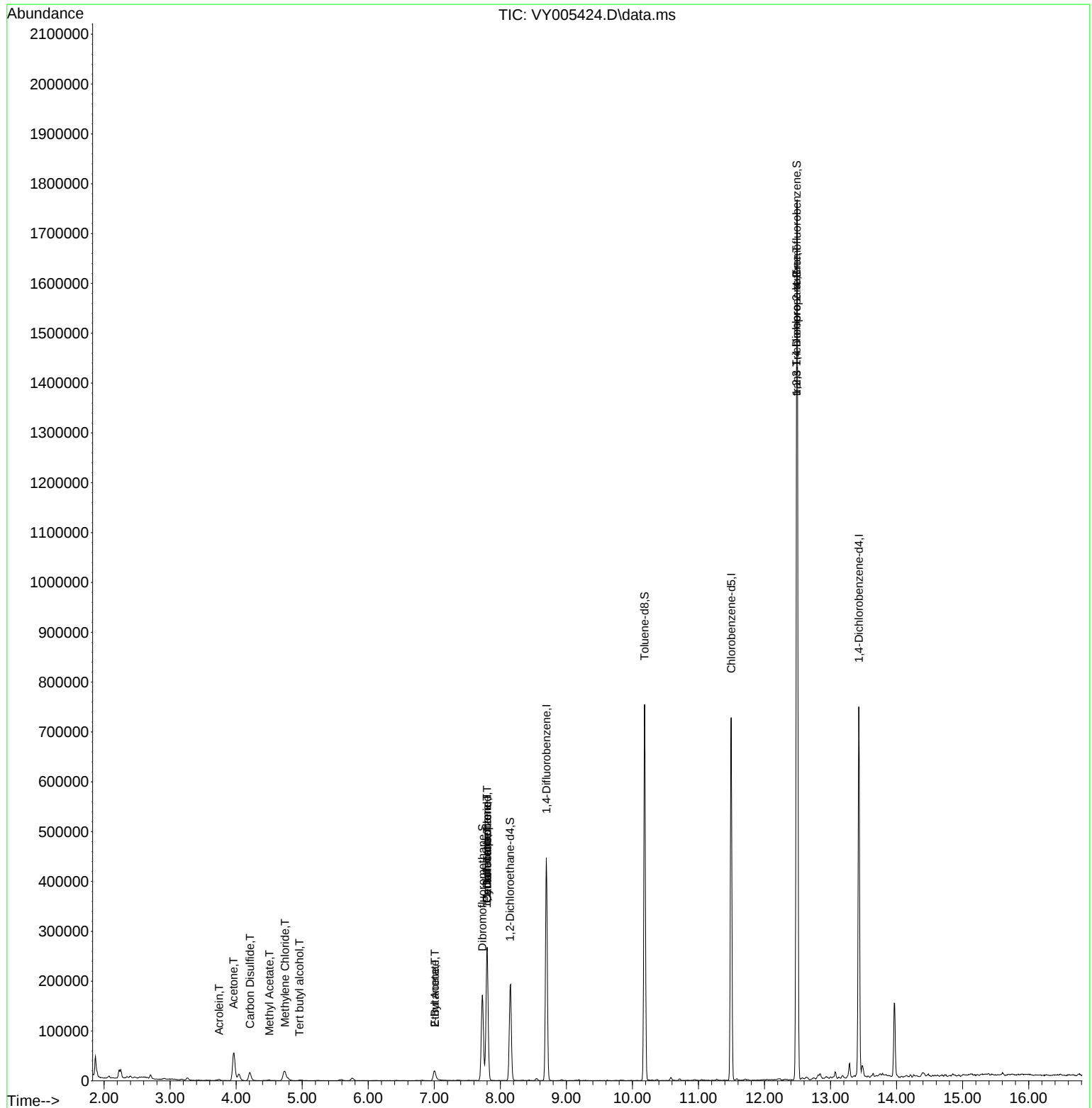
Internal Standards						
1) Pentafluorobenzene	7.801	168	214971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	373152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	382048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	155903	67.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.760%	
35) Dibromofluoromethane	7.728	113	115226	53.479	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.960%	
50) Toluene-d8	10.185	98	477087	52.243	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.480%	
62) 4-Bromofluorobenzene	12.489	95	178987	59.385	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	1615	7.444	ug/l #	82
13) Acrolein	3.741	56	2593	13.052	ug/l #	53
16) Acetone	3.960	43	100002	190.669	ug/l	100
17) Carbon Disulfide	4.210	76	30768	4.527	ug/l #	95
18) Methyl Acetate	4.503	43	2925	1.984	ug/l	91
20) Methylene Chloride	4.741	84	14298	3.657	ug/l	92
25) 2-Butanone	7.009	43	28694	36.533	ug/l	97
31) Cyclohexane	7.801	56	4311	1.099	ug/l #	10
36) 1,1-Dichloropropene	7.795	75	15397	4.267	ug/l #	50
37) Ethyl Acetate	7.009	43	28694	13.065	ug/l #	71
38) Carbon Tetrachloride	7.801	117	19829	5.029	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	104289	55.474	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	104289	107.714	ug/l #	13

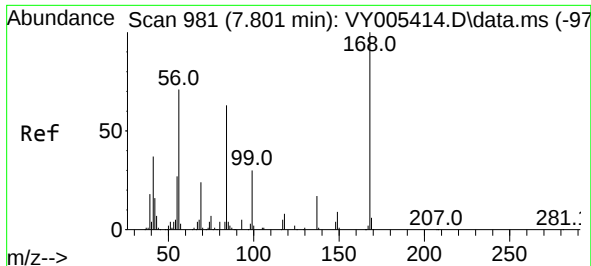
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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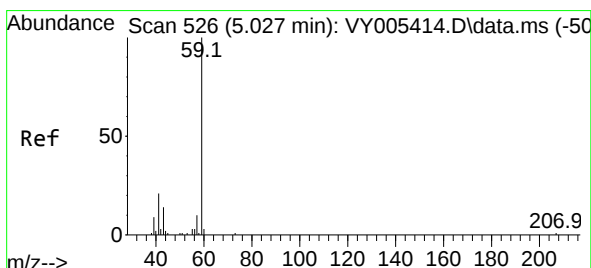
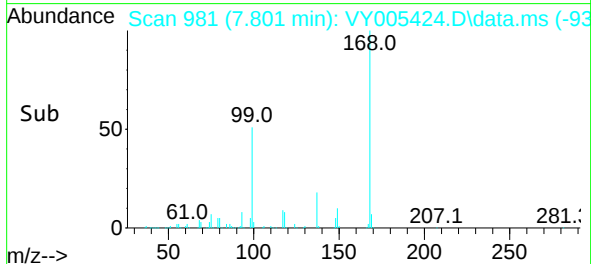
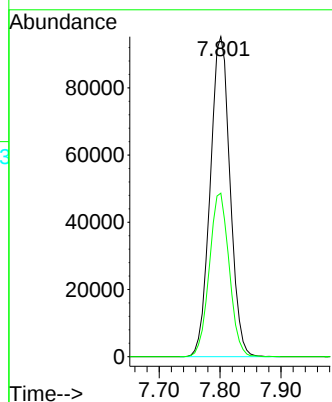
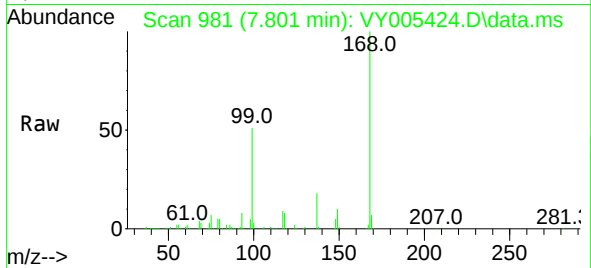




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005424.D
Acq: 23 Jul 2021 18:36

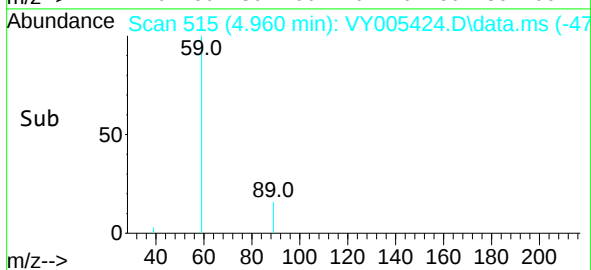
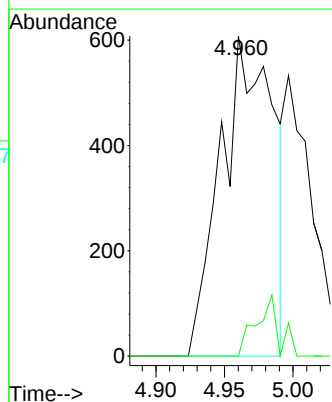
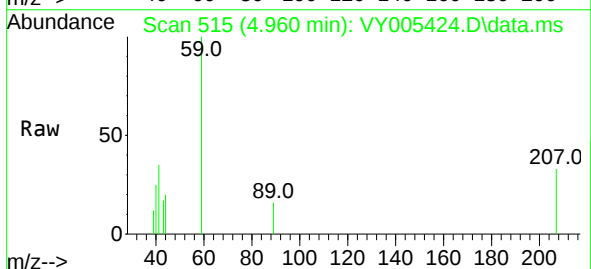
Instrument :
MSVOA_Y
ClientSampleId :
20210725-11

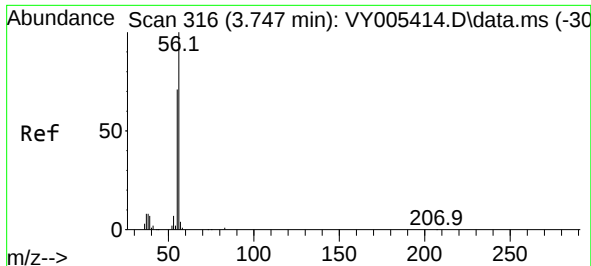
Tgt Ion:168 Resp: 214971
Ion Ratio Lower Upper
168 100
99 51.1 39.8 59.6



#11
Tert butyl alcohol
Concen: 7.444 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.067 min
Lab File: VY005424.D
Acq: 23 Jul 2021 18:36

Tgt Ion: 59 Resp: 1615
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

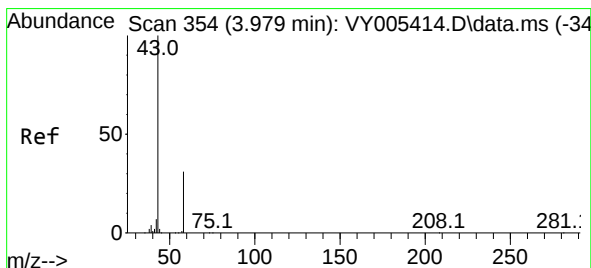
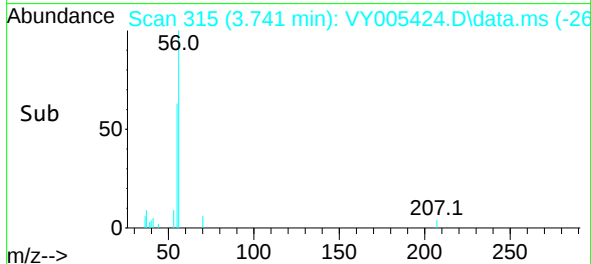
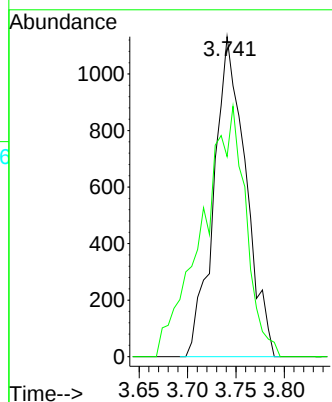
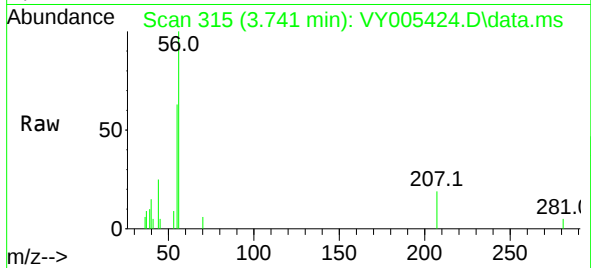




#13
Acrolein
Concen: 13.052 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY005424.D
Acq: 23 Jul 2021 18:36

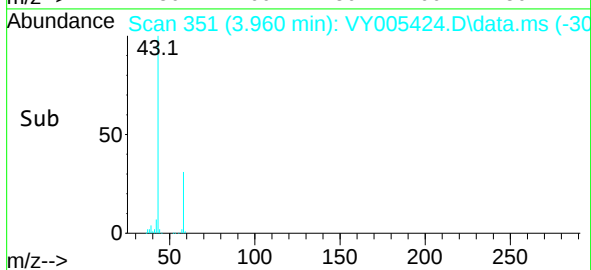
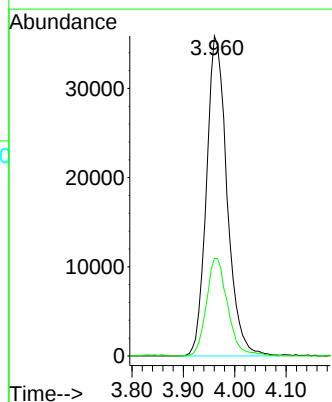
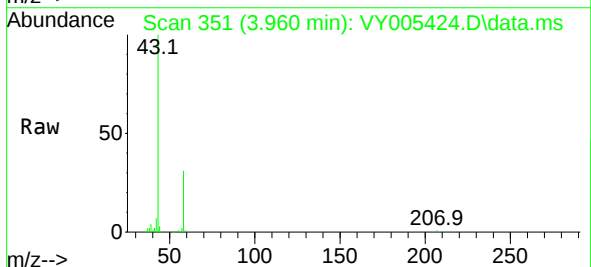
Instrument :
MSVOA_Y
ClientSampleId :
20210725-11

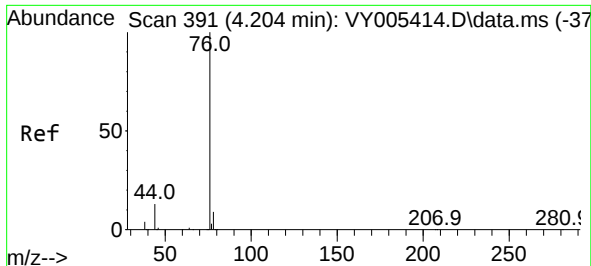
Tgt Ion: 56 Resp: 2593
Ion Ratio Lower Upper
56 100
55 107.6 55.2 82.8#



#16
Acetone
Concen: 190.669 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005424.D
Acq: 23 Jul 2021 18:36

Tgt Ion: 43 Resp: 100002
Ion Ratio Lower Upper
43 100
58 30.6 24.5 36.7

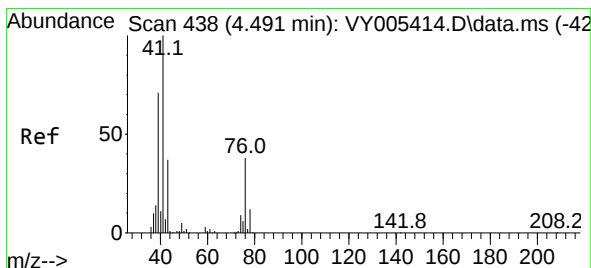
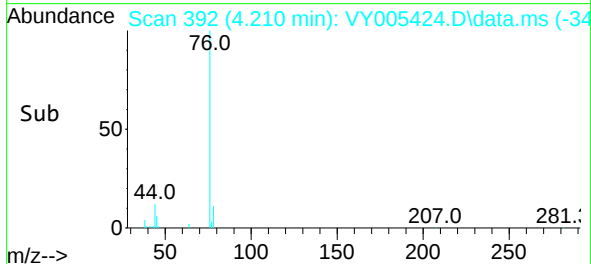
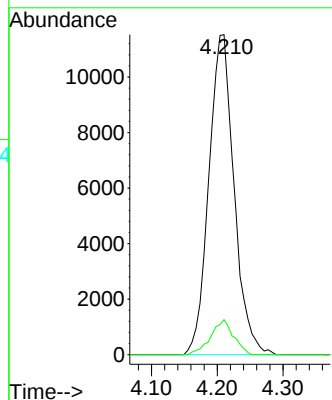
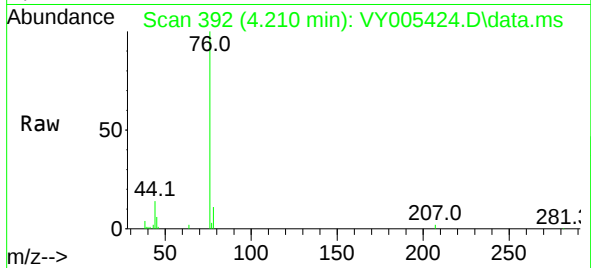




#17
Carbon Disulfide
Concen: 4.527 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY005424.D
Acq: 23 Jul 2021 18:36

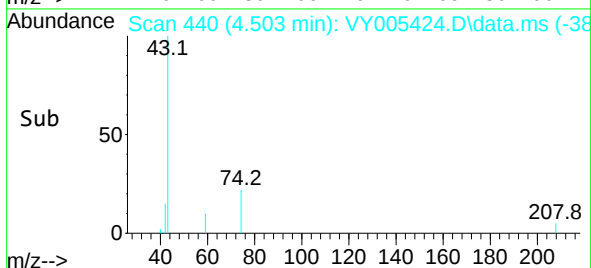
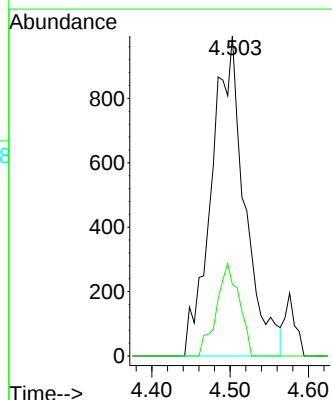
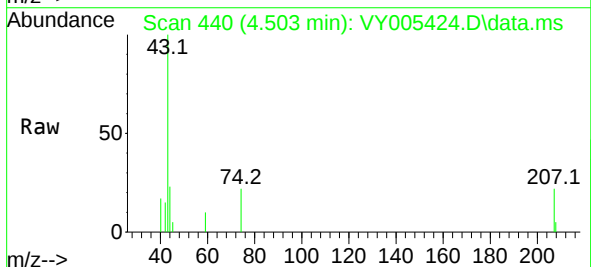
Instrument :
MSVOA_Y
ClientSampleId :
20210725-11

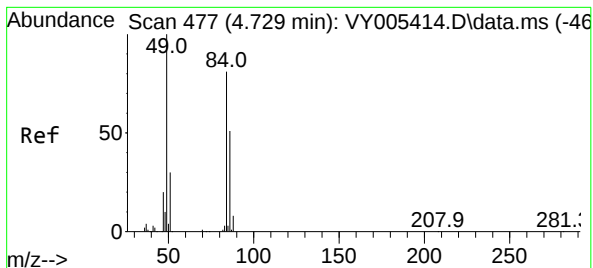
Tgt Ion: 76 Resp: 30768
Ion Ratio Lower Upper
76 100
78 10.9 7.3 10.9#



#18
Methyl Acetate
Concen: 1.984 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY005424.D
Acq: 23 Jul 2021 18:36

Tgt Ion: 43 Resp: 2925
Ion Ratio Lower Upper
43 100
74 19.7 19.2 28.8





#20

Methylene Chloride

Concen: 3.657 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.012 min

Lab File: VY005424.D

Acq: 23 Jul 2021 18:36

Instrument :

MSVOA_Y

ClientSampleId :

20210725-11

Tgt Ion: 84 Resp: 14298

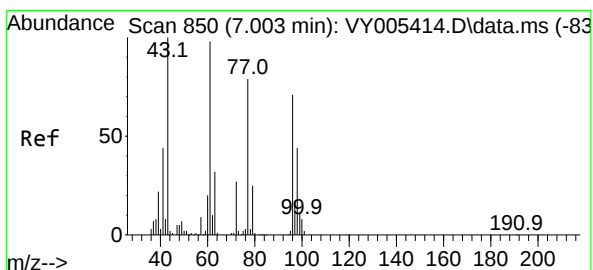
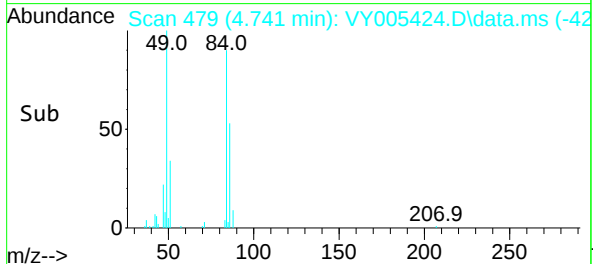
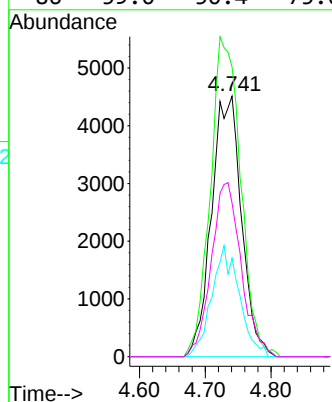
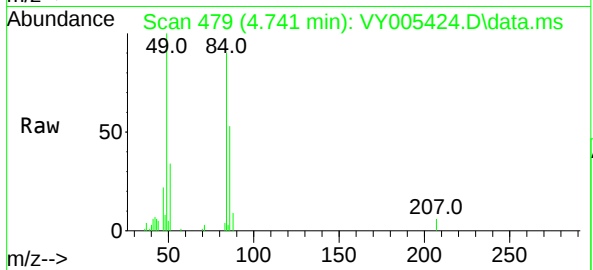
Ion Ratio Lower Upper

84 100

49 111.2 98.9 148.3

51 37.9 30.0 45.0

86 59.0 50.4 75.6



#25

2-Butanone

Concen: 36.533 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY005424.D

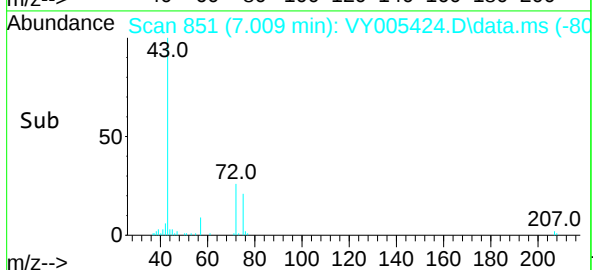
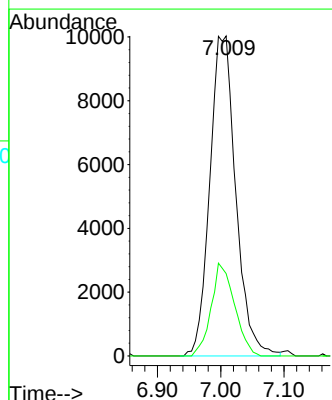
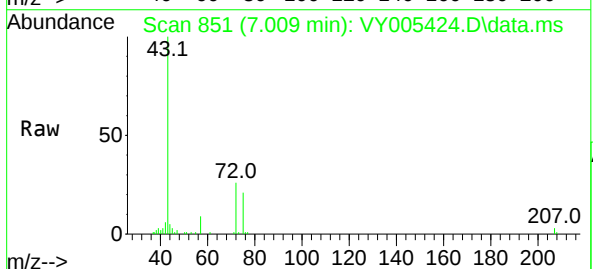
Acq: 23 Jul 2021 18:36

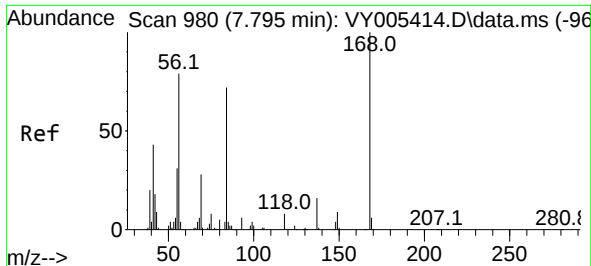
Tgt Ion: 43 Resp: 28694

Ion Ratio Lower Upper

43 100

72 25.7 21.9 32.9

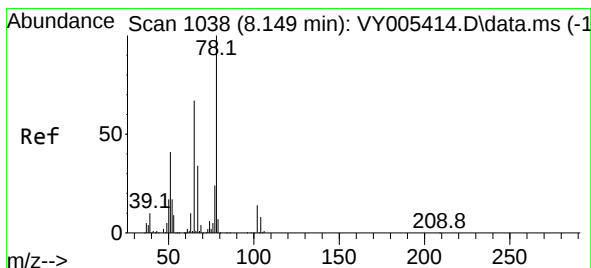
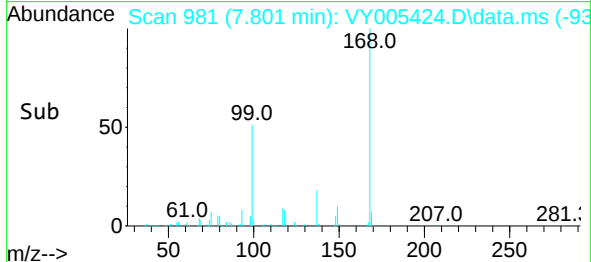
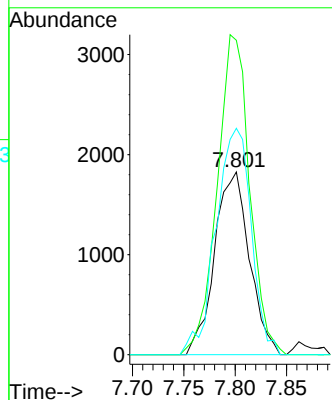
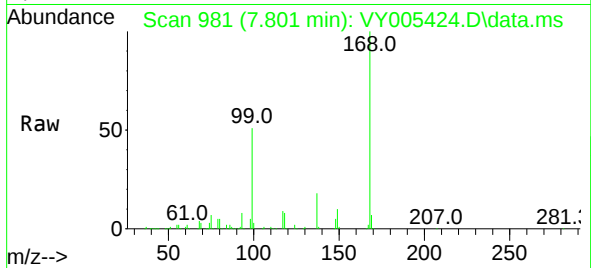




#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005424.D
Acq: 23 Jul 2021 18:36

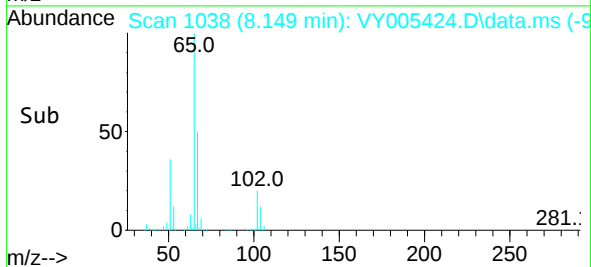
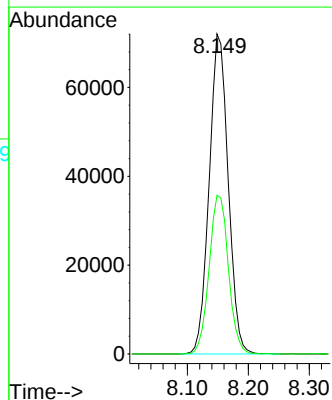
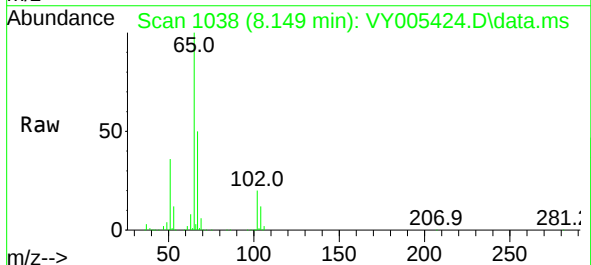
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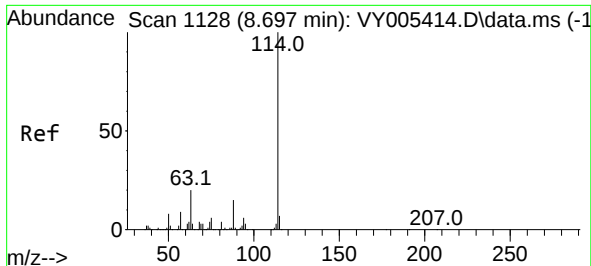
Tgt Ion: 56 Resp: 4311
Ion Ratio Lower Upper
56 100
69 172.1 28.7 43.1#
84 124.0 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 67.884 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005424.D
Acq: 23 Jul 2021 18:36

Tgt Ion: 65 Resp: 155903
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005424.D

Acq: 23 Jul 2021 18:36

Tgt Ion:114 Resp: 373152

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

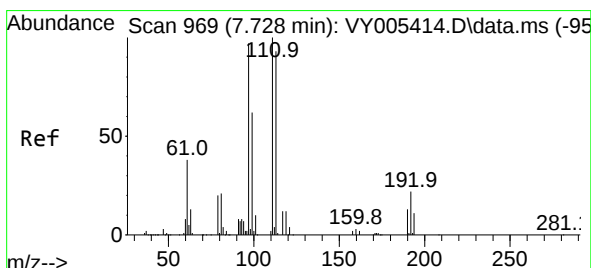
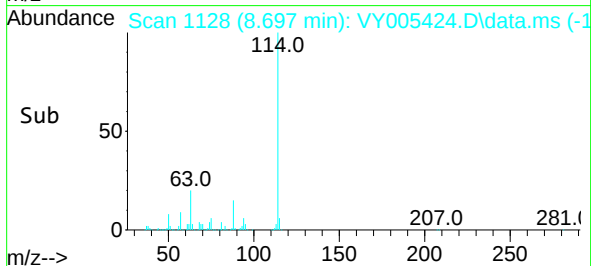
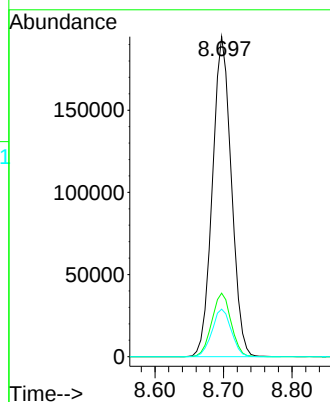
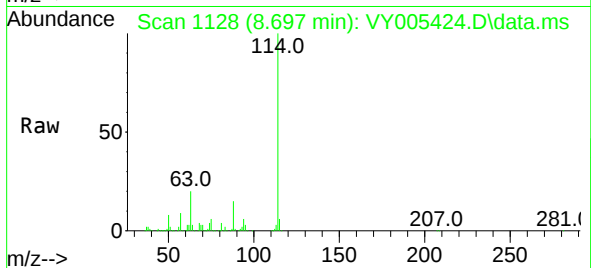
88 14.9 0.0 30.8

Instrument :

MSVOA_Y

ClientSampleId :

20210725-11



#35

Dibromofluoromethane

Concen: 53.479 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005424.D

Acq: 23 Jul 2021 18:36

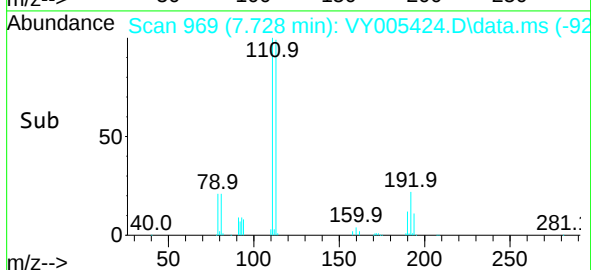
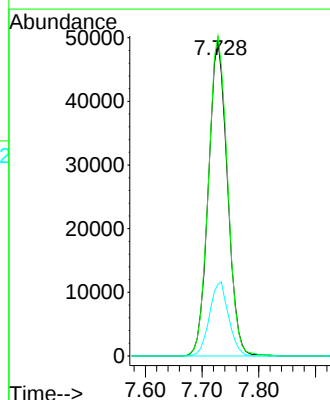
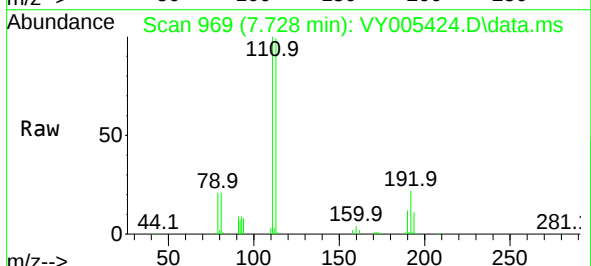
Tgt Ion:113 Resp: 115226

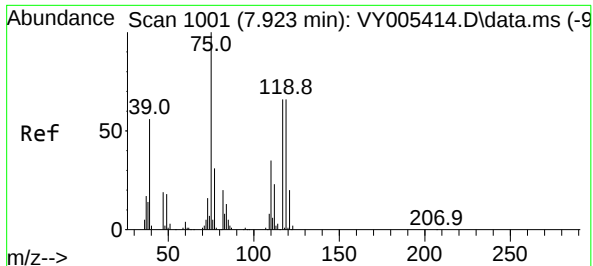
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 23.5 18.9 28.3

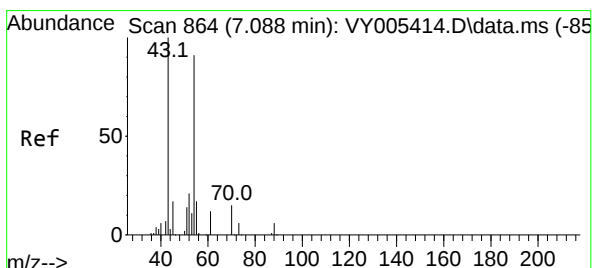
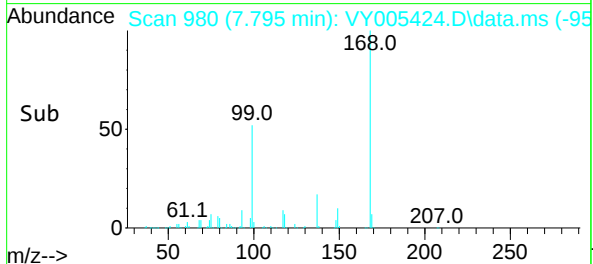
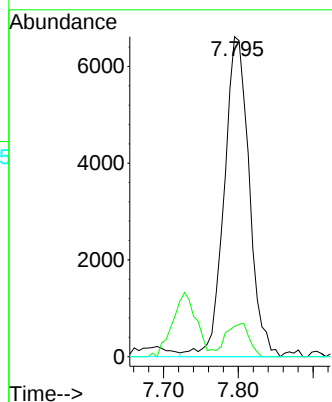
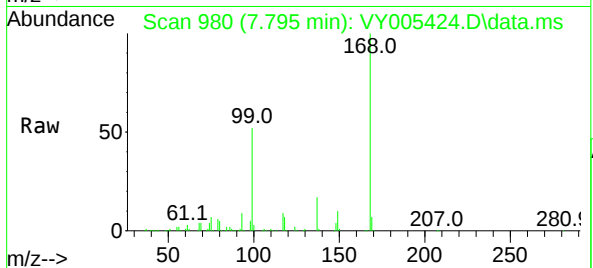




#36
1,1-Dichloropropene
Concen: 4.267 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005424.D
Acq: 23 Jul 2021 18:36

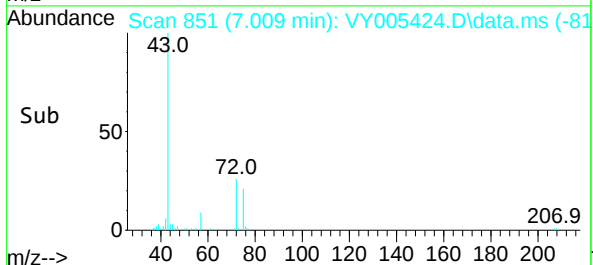
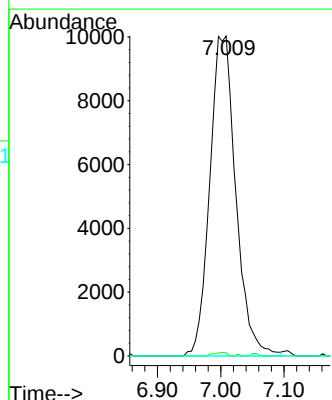
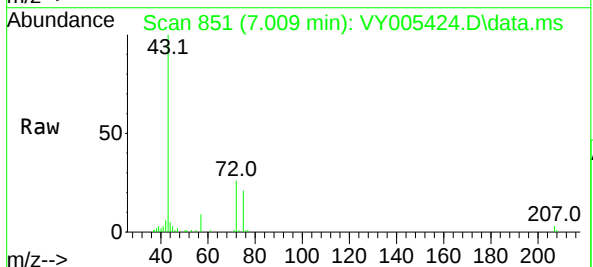
Instrument :
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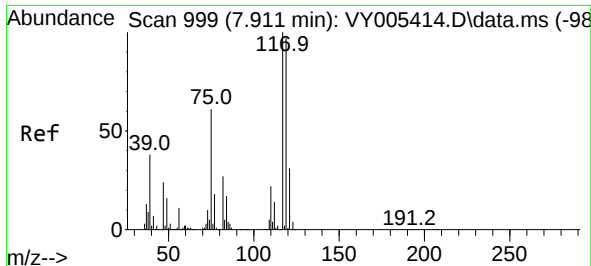
Tgt Ion: 75 Resp: 15397
Ion Ratio Lower Upper
75 100
110 9.5 17.6 52.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 13.065 ug/l
RT: 7.009 min Scan# 851
Delta R.T. -0.079 min
Lab File: VY005424.D
Acq: 23 Jul 2021 18:36

Tgt Ion: 43 Resp: 28694
Ion Ratio Lower Upper
43 100
61 0.6 10.3 15.5#
70 0.0 7.9 11.9#

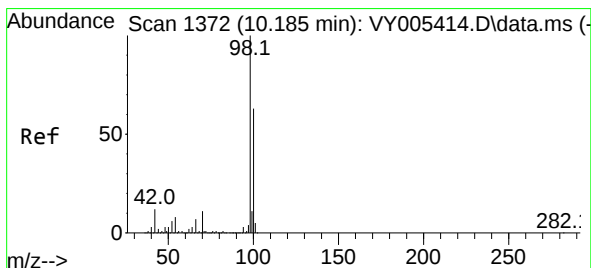
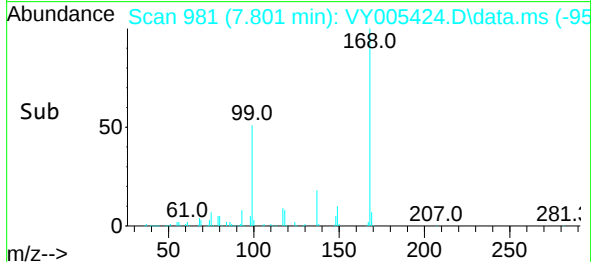
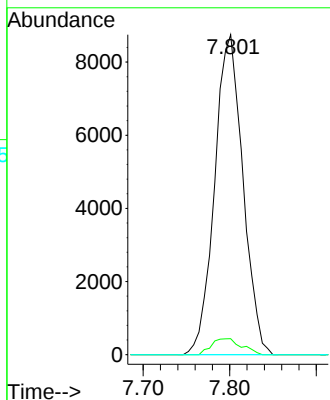
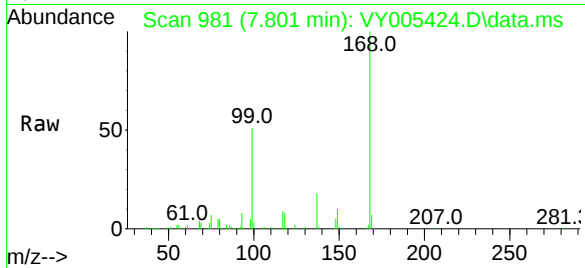




#38
Carbon Tetrachloride
Concen: 5.029 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005424.D
Acq: 23 Jul 2021 18:36

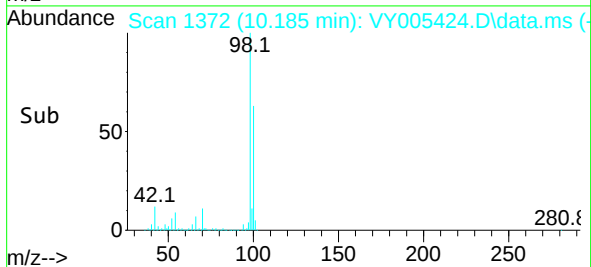
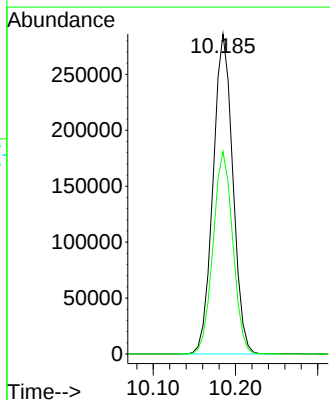
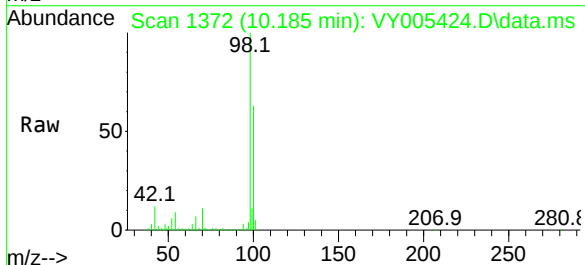
Instrument :
MSVOA_Y
ClientSampleId :
20210725-11

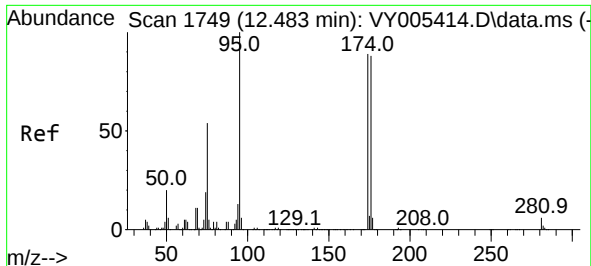
Tgt Ion:117 Resp: 19829
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.243 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005424.D
Acq: 23 Jul 2021 18:36

Tgt Ion: 98 Resp: 477087
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

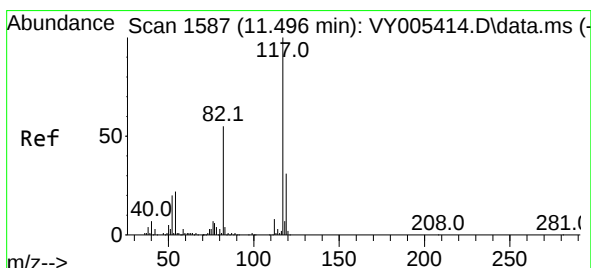
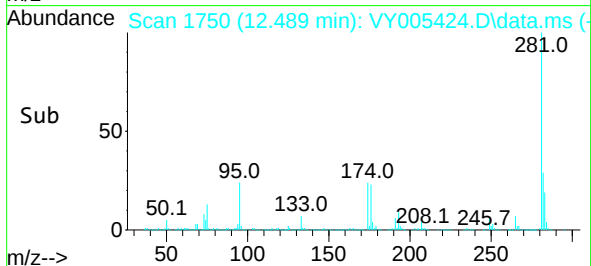
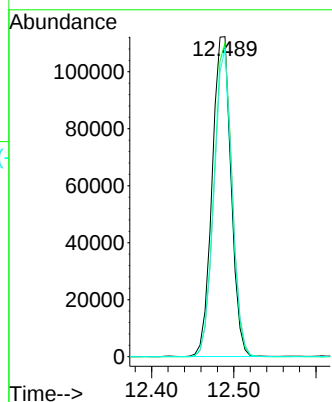
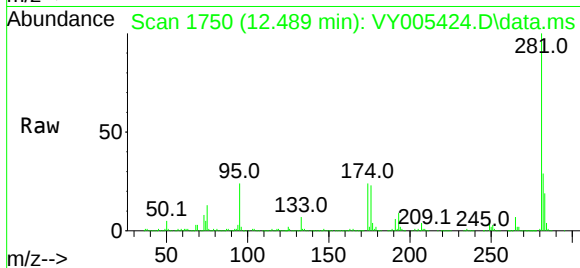




#62
4-Bromofluorobenzene
Concen: 59.385 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY005424.D
Acq: 23 Jul 2021 18:36

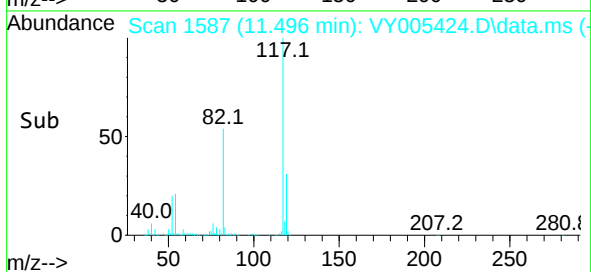
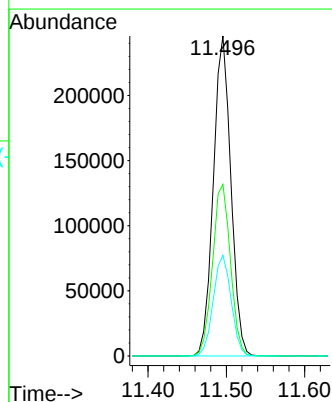
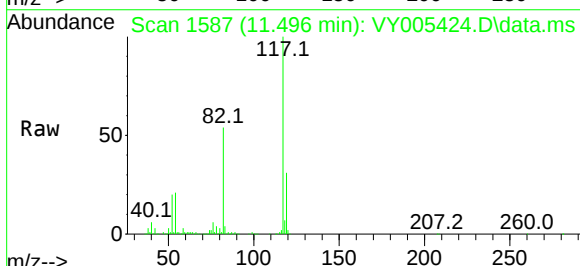
Instrument :
MSVOA_Y
ClientSampleId :
20210725-11

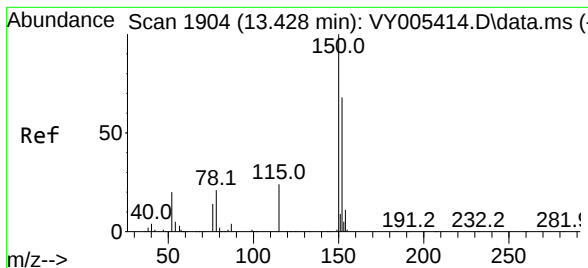
Tgt Ion: 95 Resp: 178987
Ion Ratio Lower Upper
95 100
174 93.7 0.0 186.6
176 91.9 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005424.D
Acq: 23 Jul 2021 18:36

Tgt Ion: 117 Resp: 382048
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.6
119 31.4 24.8 37.2

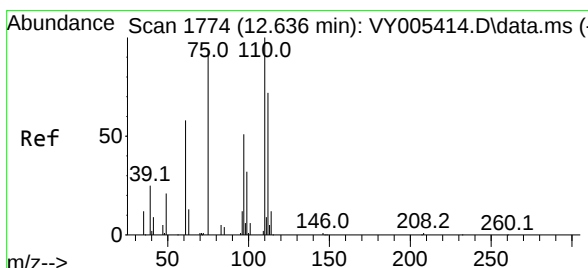
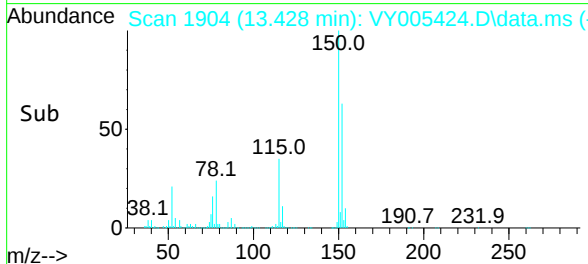
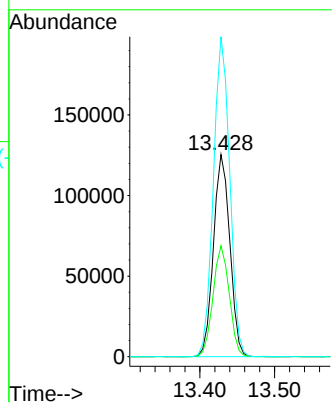
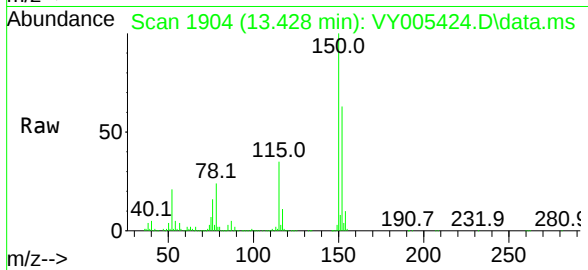




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005424.D
 Acq: 23 Jul 2021 18:36

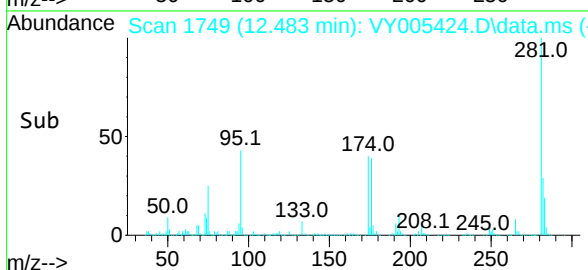
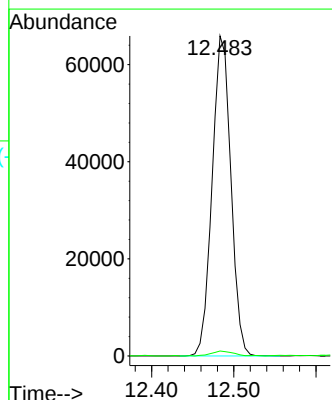
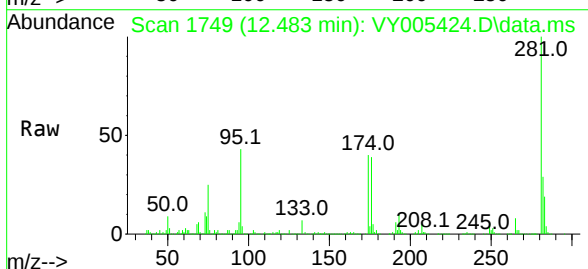
Instrument :
 MSVOA_Y
 ClientSampleId :
 20210725-11

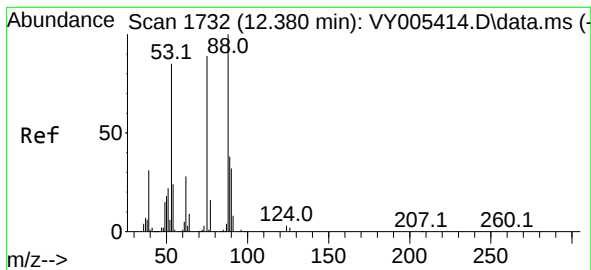
Tgt Ion:152 Resp: 191059
 Ion Ratio Lower Upper
 152 100
 115 54.4 27.7 83.1
 150 157.6 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 55.474 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005424.D
 Acq: 23 Jul 2021 18:36

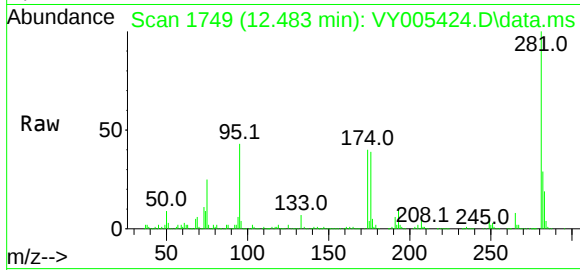
Tgt Ion: 75 Resp: 104289
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.714 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005424.D
 Acq: 23 Jul 2021 18:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210725-11



Tgt Ion: 75 Resp: 104289
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.1 114.1#
 89 2.6 36.9 55.3#

