

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005426.D
 Acq On : 23 Jul 2021 19:22
 Operator : SY/MD
 Sample : M3131-06
 Misc : 11.75G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210727-23

Quant Time: Jul 24 03:02:43 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)

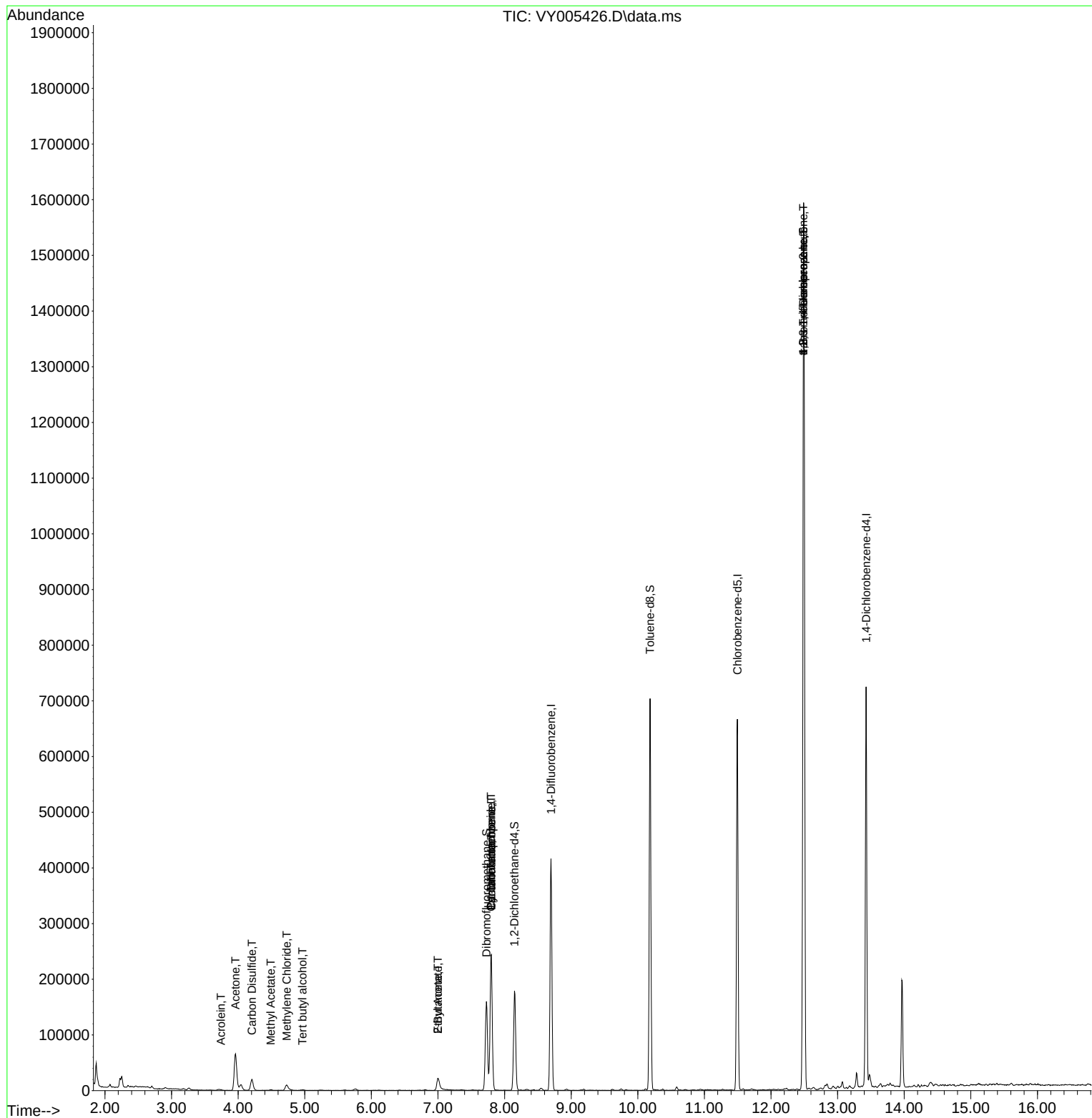
Internal Standards						
1) Pentafluorobenzene	7.801	168	198097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	344191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	353300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	181753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	145789	68.887	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.780%			
35) Dibromofluoromethane	7.728	113	107495	54.089	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.180%			
50) Toluene-d8	10.185	98	442500	52.533	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.060%			
62) 4-Bromofluorobenzene	12.483	95	164134	59.040	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.080%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	1310	6.553	ug/l #	93
13) Acrolein	3.741	56	1343	7.336	ug/l #	15
16) Acetone	3.960	43	113567	234.977	ug/l	92
17) Carbon Disulfide	4.204	76	38457	6.141	ug/l	99
18) Methyl Acetate	4.491	43	1754	1.291	ug/l #	85
20) Methylene Chloride	4.728	84	6931	1.425	ug/l	96
25) 2-Butanone	6.996	43	29702	41.038	ug/l	96
31) Cyclohexane	7.801	56	4300	1.190	ug/l #	22
36) 1,1-Dichloropropene	7.801	75	14417	4.332	ug/l #	50
37) Ethyl Acetate	6.996	43	29702	14.661	ug/l #	71
38) Carbon Tetrachloride	7.795	117	18187	5.001	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	96769	54.109	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	96769	105.064	ug/l #	13

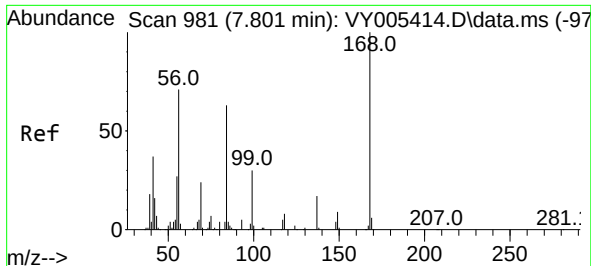
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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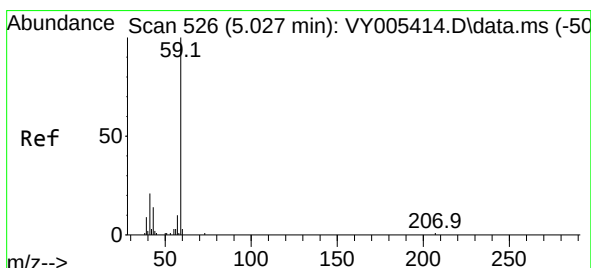
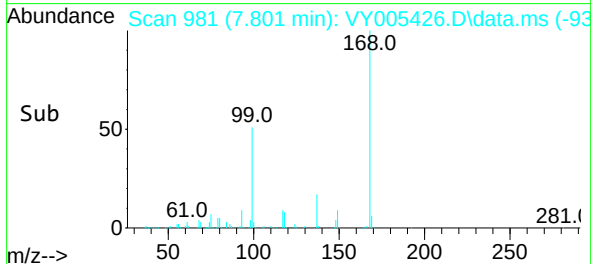
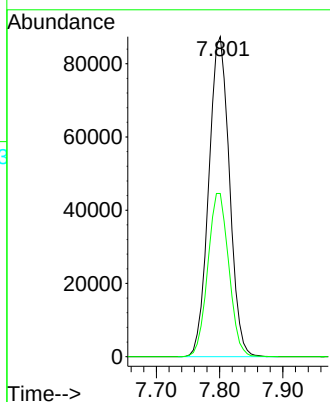
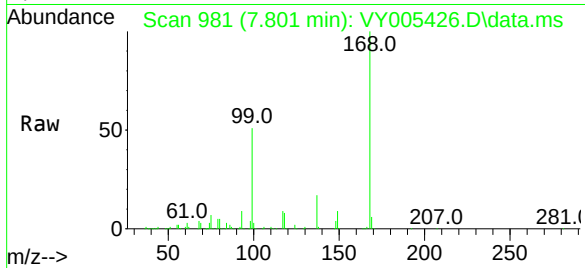




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

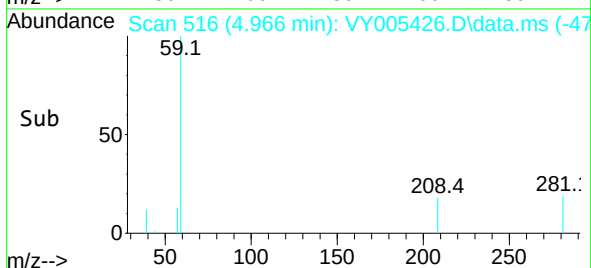
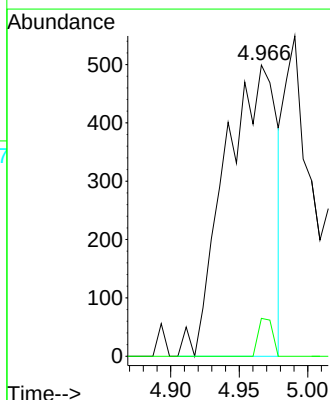
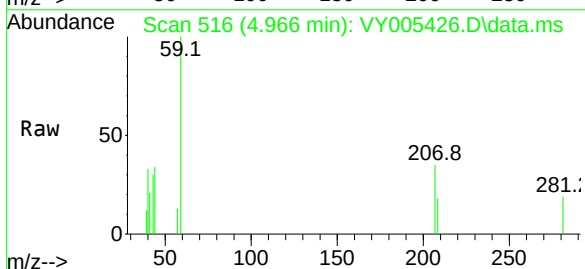
Instrument :
MSVOA_Y
ClientSampleId :
20210727-23

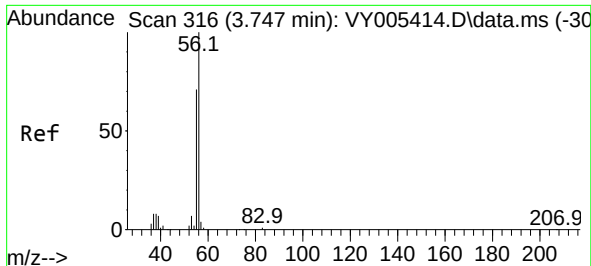
Tgt Ion:168 Resp: 198097
Ion Ratio Lower Upper
168 100
99 51.0 39.8 59.6



#11
Tert butyl alcohol
Concen: 6.553 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.061 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

Tgt Ion: 59 Resp: 1310
Ion Ratio Lower Upper
59 100
57 3.5 4.7 7.1#

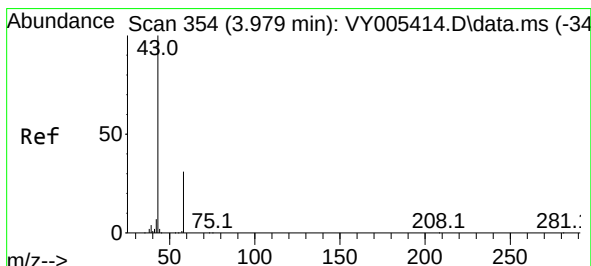
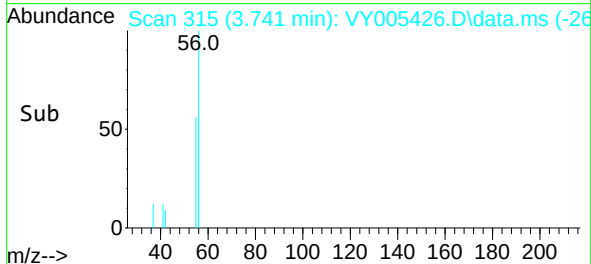
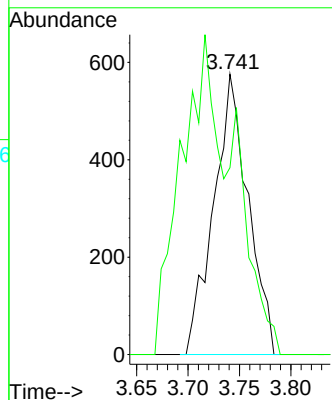
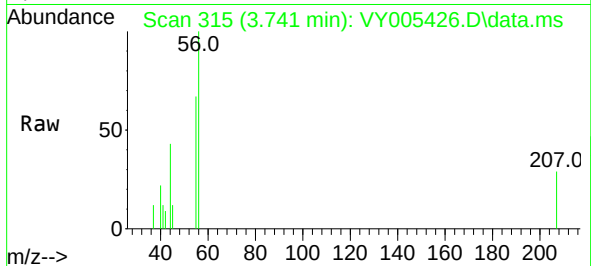




#13
Acrolein
Concen: 7.336 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

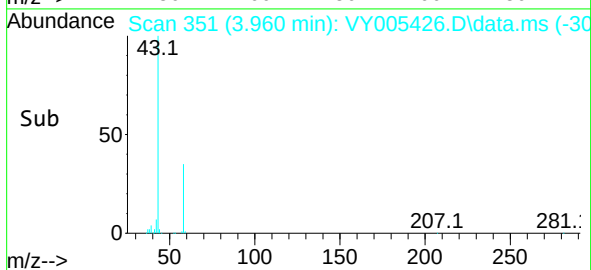
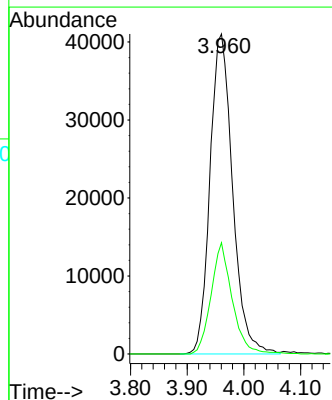
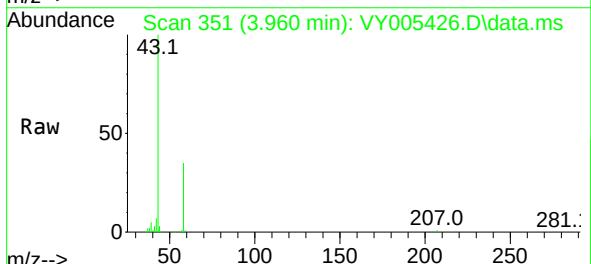
Instrument :
MSVOA_Y
ClientSampleId :
20210727-23

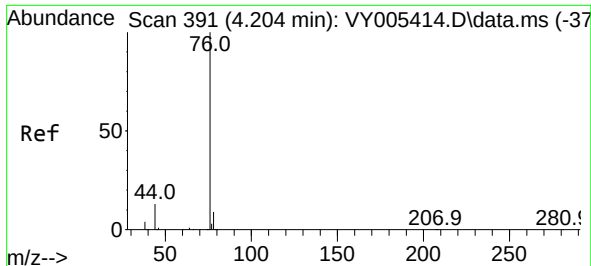
Tgt Ion: 56 Resp: 1343
Ion Ratio Lower Upper
56 100
55 0.0 55.2 82.8#



#16
Acetone
Concen: 234.977 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

Tgt Ion: 43 Resp: 113567
Ion Ratio Lower Upper
43 100
58 34.8 24.5 36.7

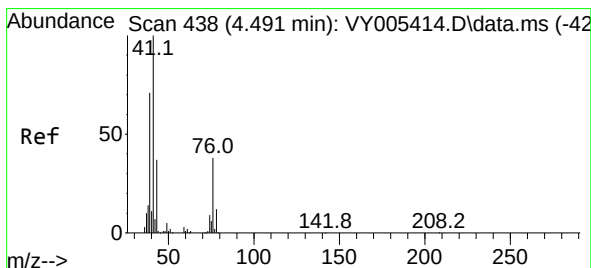
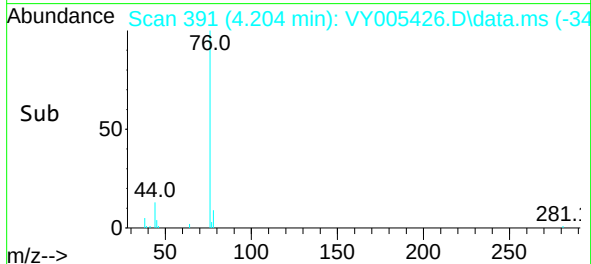
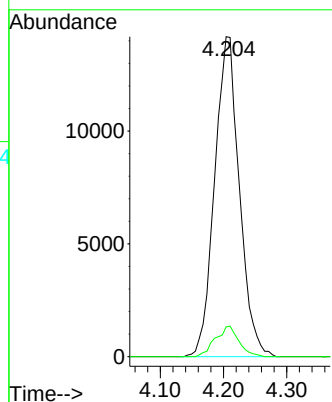
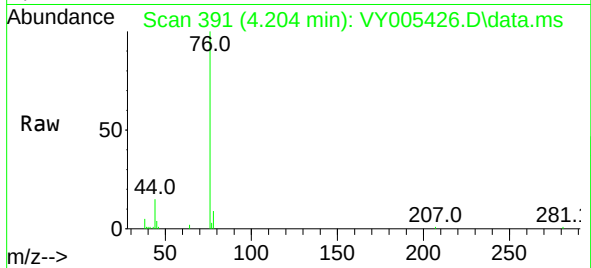




#17
Carbon Disulfide
Concen: 6.141 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

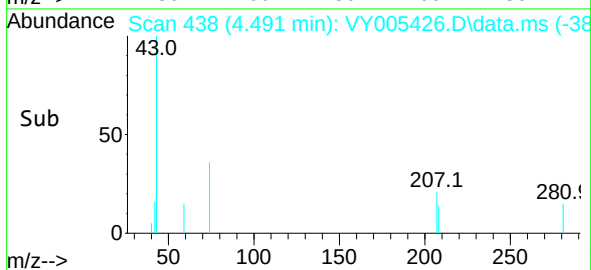
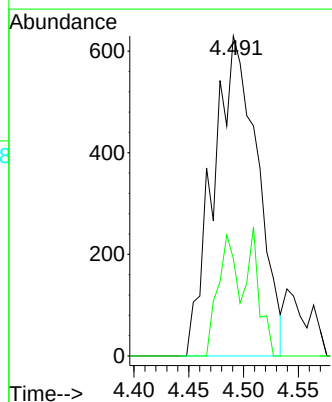
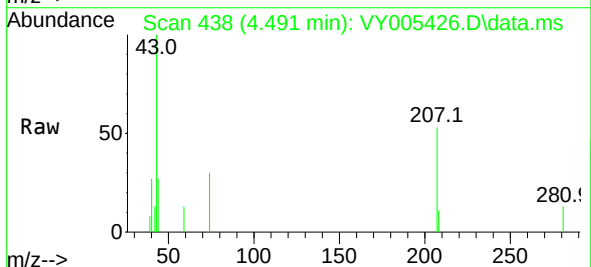
Instrument :
MSVOA_Y
ClientSampleId :
20210727-23

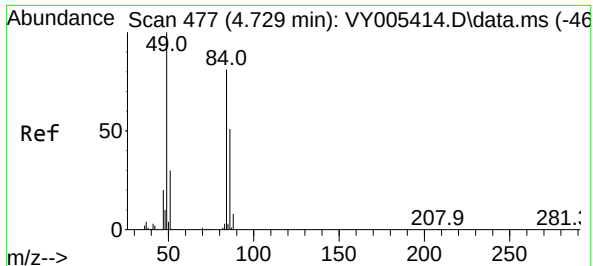
Tgt Ion: 76 Resp: 38457
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 1.291 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

Tgt Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
74 16.4 19.2 28.8#





#20

Methylene Chloride

Concen: 1.425 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY005426.D

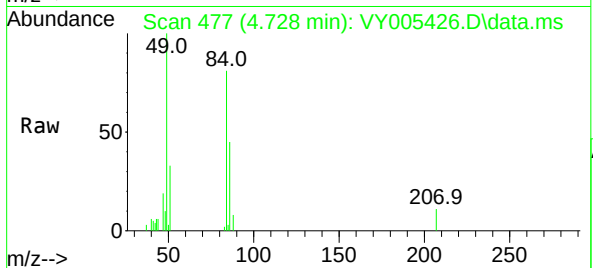
Acq: 23 Jul 2021 19:22

Instrument :

MSVOA_Y

ClientSampleId :

20210727-23



Tgt Ion: 84 Resp: 6931

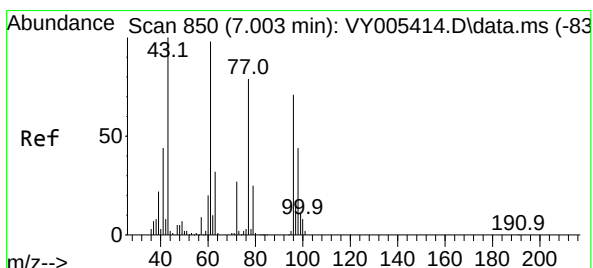
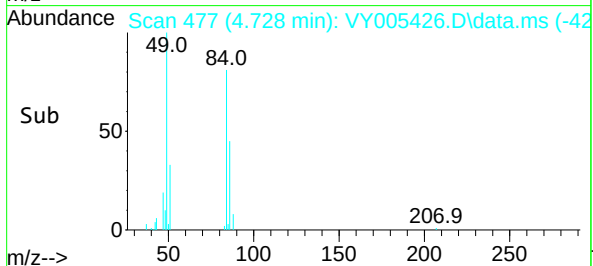
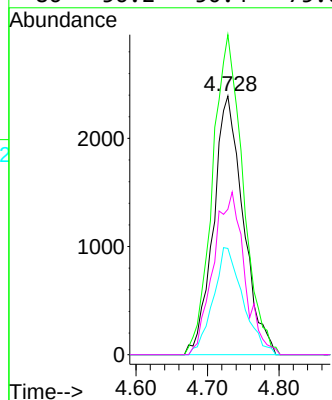
Ion Ratio Lower Upper

84 100

49 123.7 98.9 148.3

51 41.1 30.0 45.0

86 56.2 50.4 75.6



#25

2-Butanone

Concen: 41.038 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY005426.D

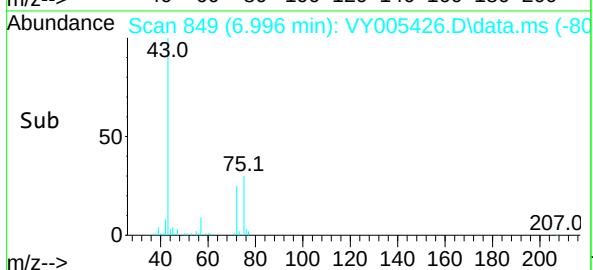
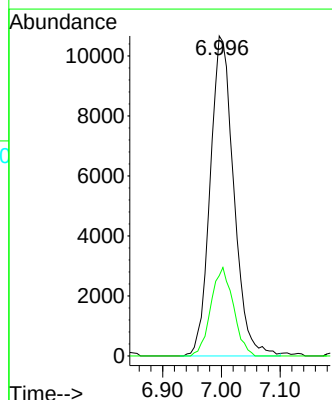
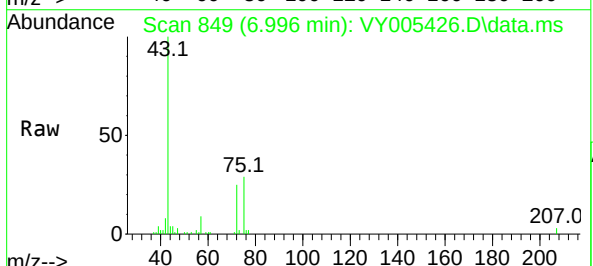
Acq: 23 Jul 2021 19:22

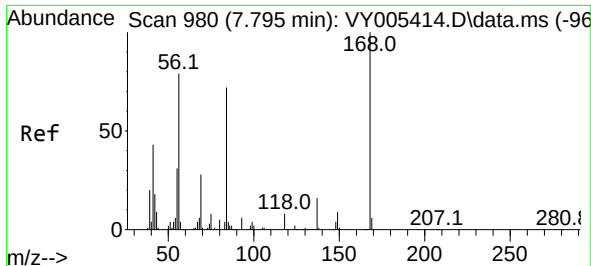
Tgt Ion: 43 Resp: 29702

Ion Ratio Lower Upper

43 100

72 25.1 21.9 32.9

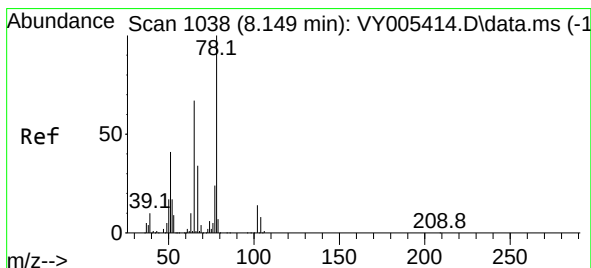
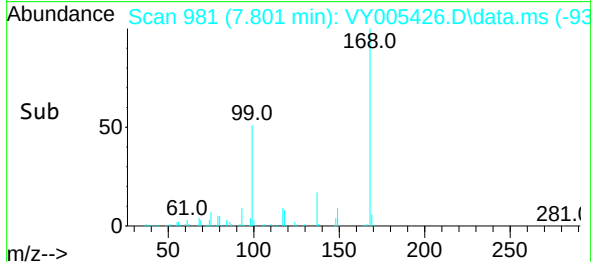
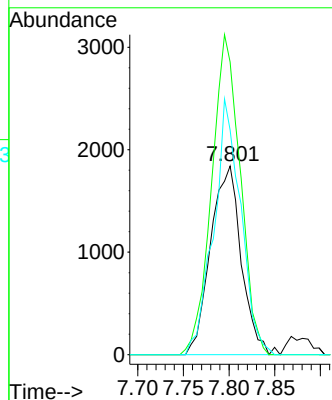
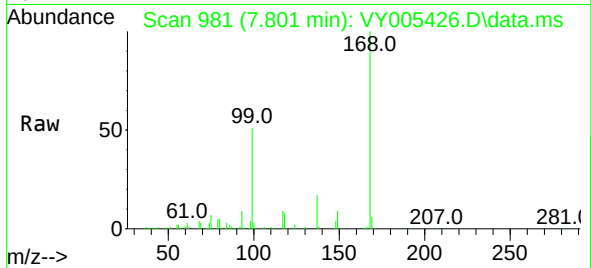




#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

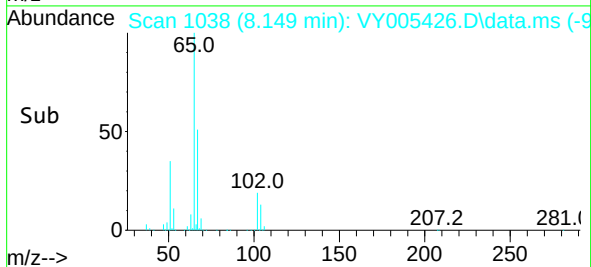
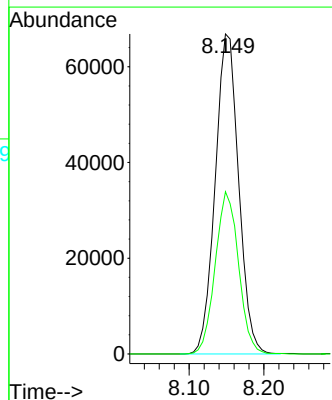
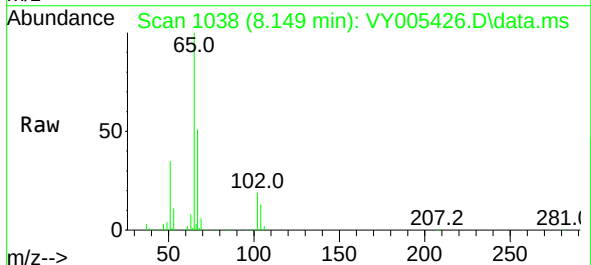
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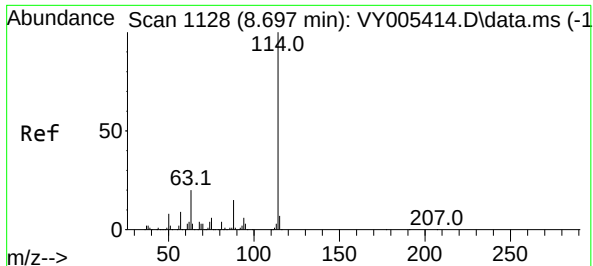
Tgt Ion: 56 Resp: 4300
Ion Ratio Lower Upper
56 100
69 155.1 28.7 43.1#
84 119.1 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 68.887 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

Tgt Ion: 65 Resp: 145789
Ion Ratio Lower Upper
65 100
67 50.4 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: VY005426.D

Acq: 23 Jul 2021 19:22

Tgt Ion:114 Resp: 344191

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

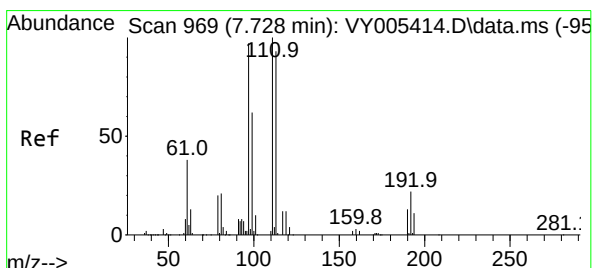
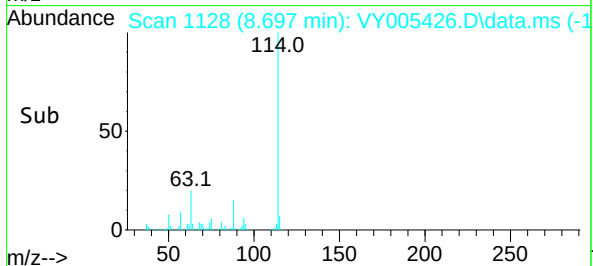
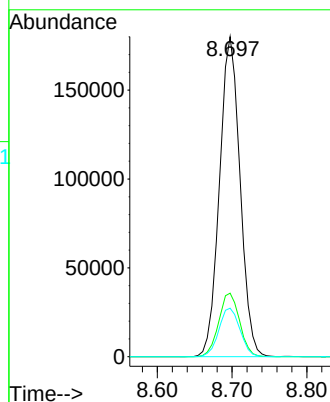
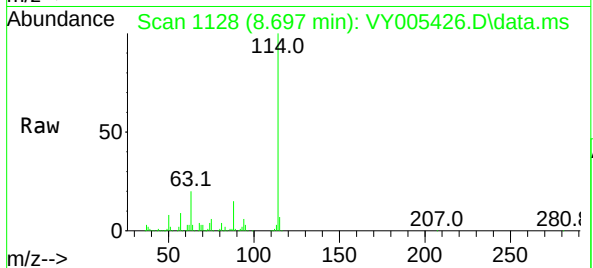
88 15.2 0.0 30.8

Instrument :

MSVOA_Y

ClientSampleId :

20210727-23



#35

Dibromofluoromethane

Concen: 54.089 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005426.D

Acq: 23 Jul 2021 19:22

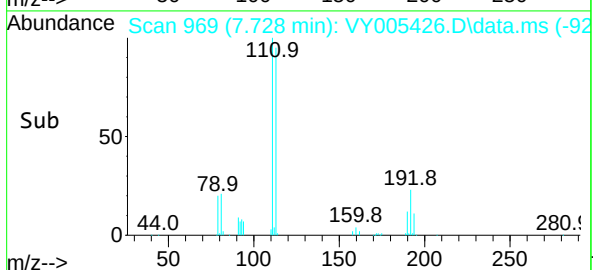
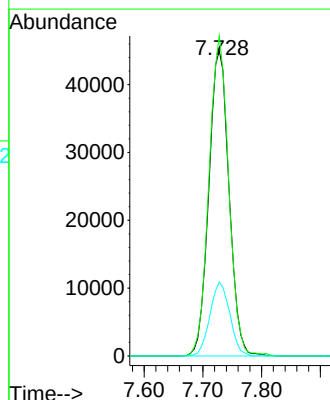
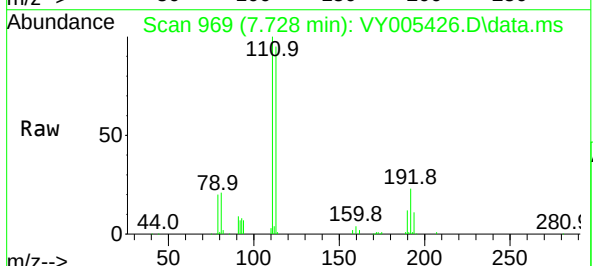
Tgt Ion:113 Resp: 107495

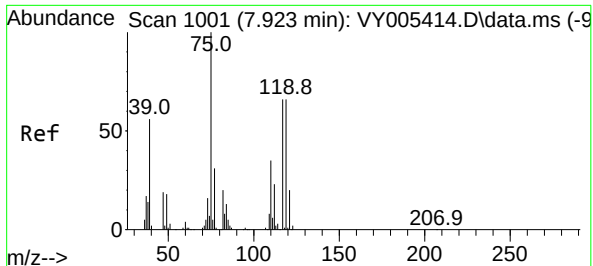
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 23.8 18.9 28.3

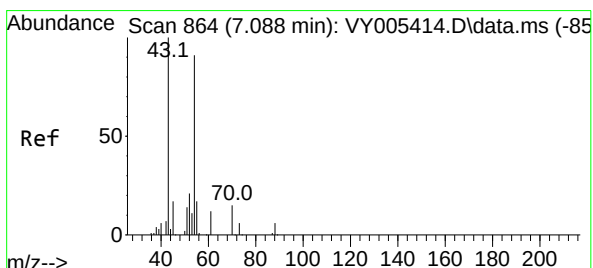
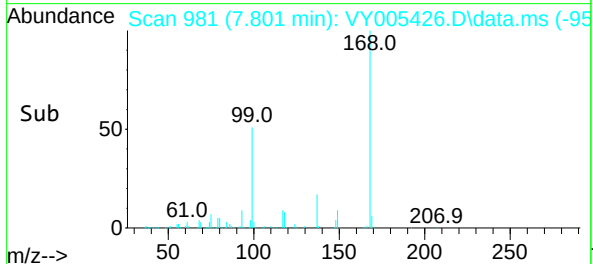
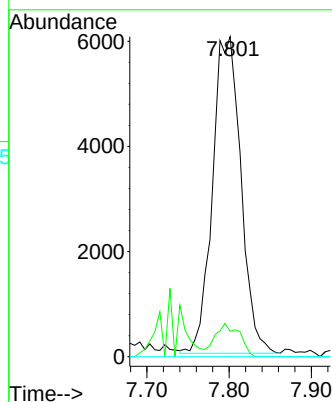
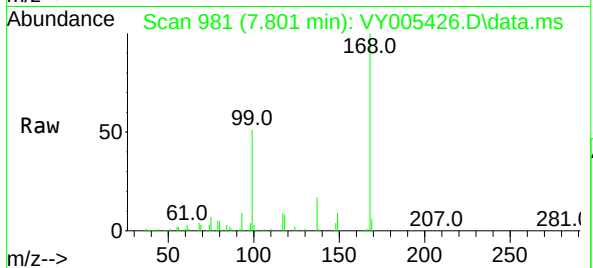




#36
1,1-Dichloropropene
Concen: 4.332 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

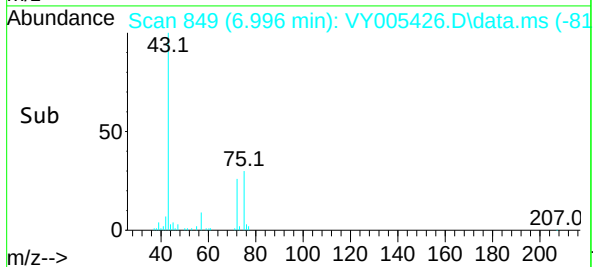
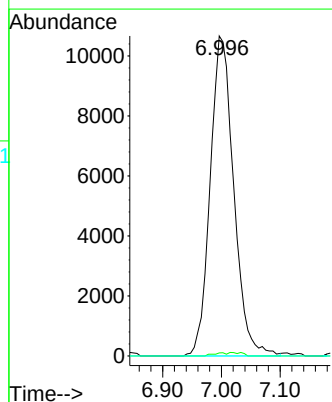
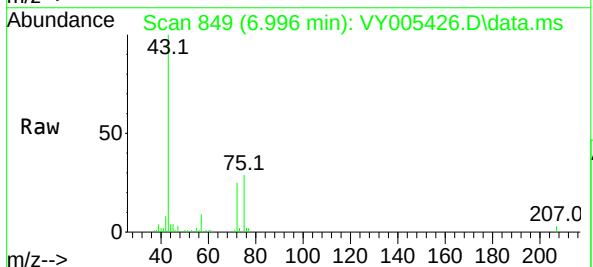
Instrument :
MSVOA_Y
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20210727-23

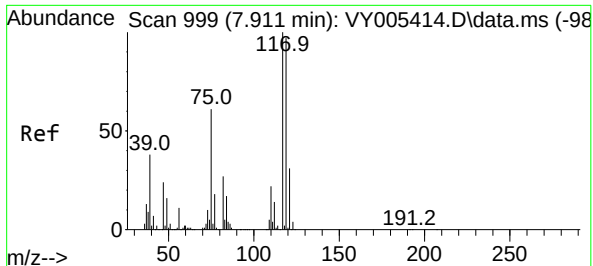
Tgt Ion: 75 Resp: 14417
Ion Ratio Lower Upper
75 100
110 8.9 17.6 52.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 14.661 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.092 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

Tgt Ion: 43 Resp: 29702
Ion Ratio Lower Upper
43 100
61 0.5 10.3 15.5#
70 0.0 7.9 11.9#

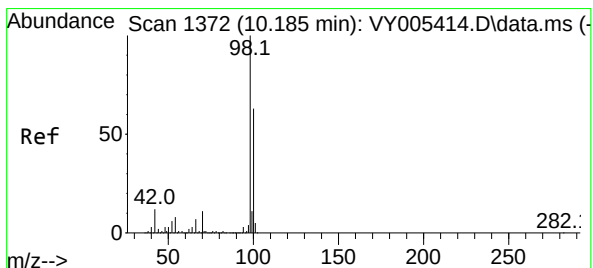
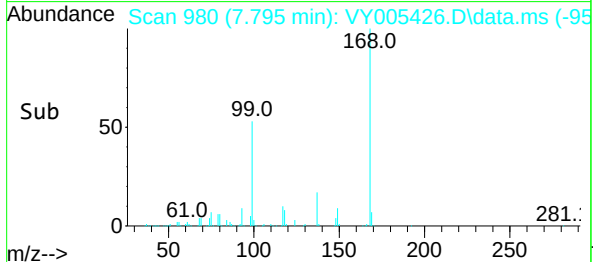
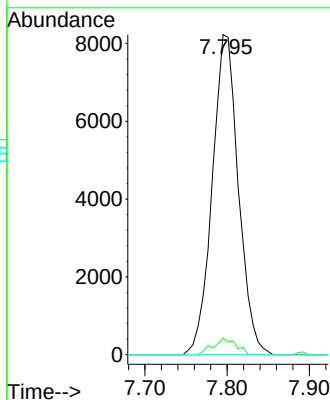
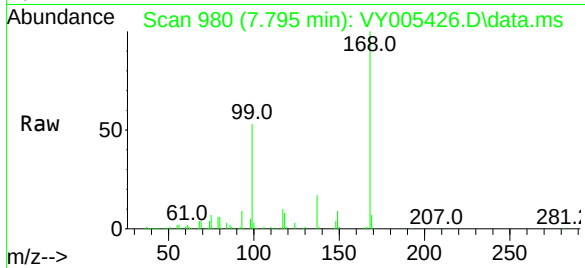




#38
Carbon Tetrachloride
Concen: 5.001 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

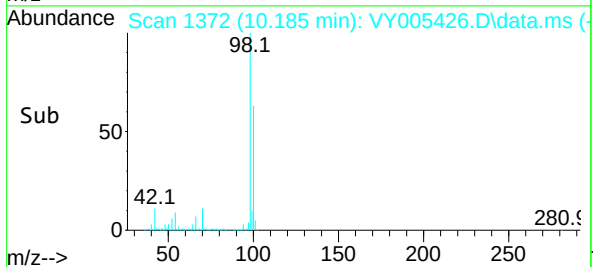
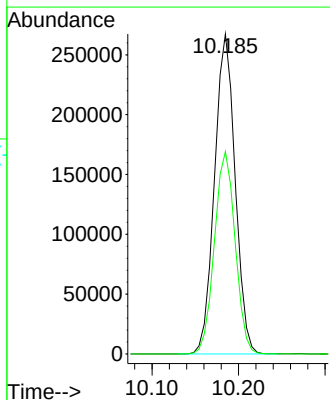
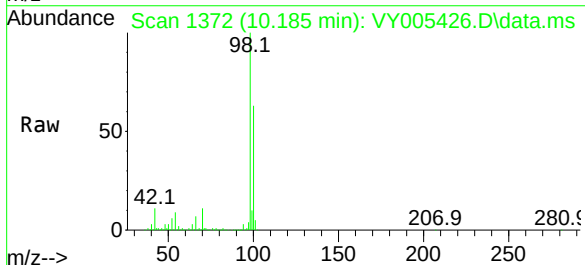
Instrument :
MSVOA_Y
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20210727-23

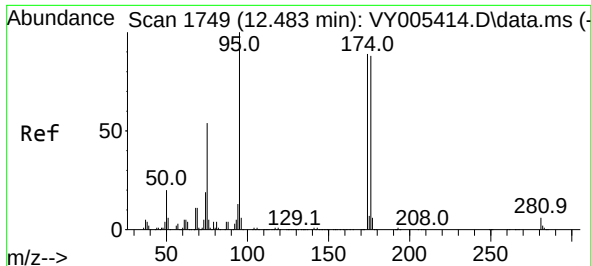
Tgt Ion:117 Resp: 18187
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.533 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

Tgt Ion: 98 Resp: 442500
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

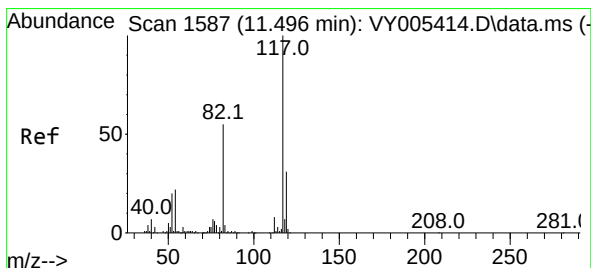
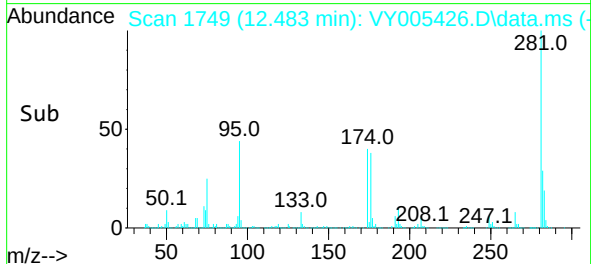
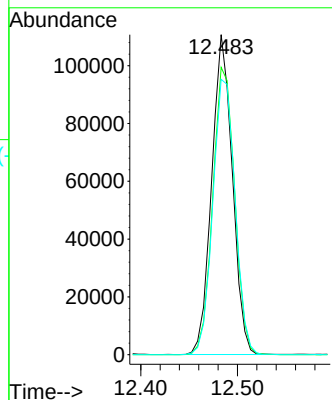
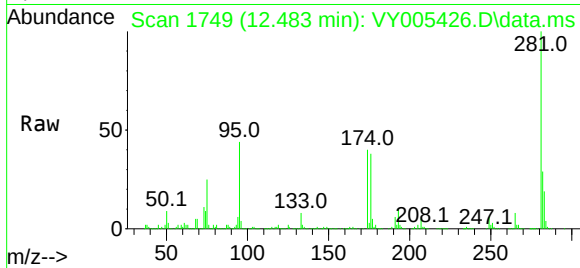




#62
4-Bromofluorobenzene
Concen: 59.040 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

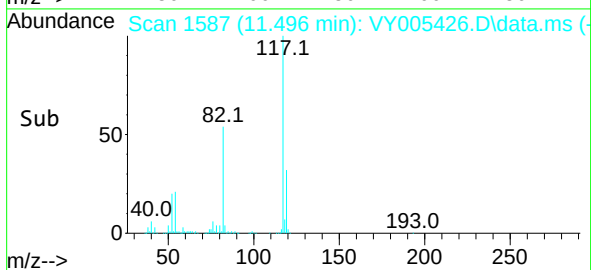
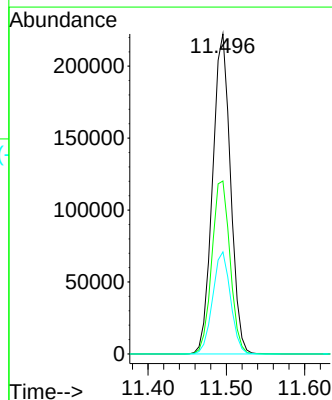
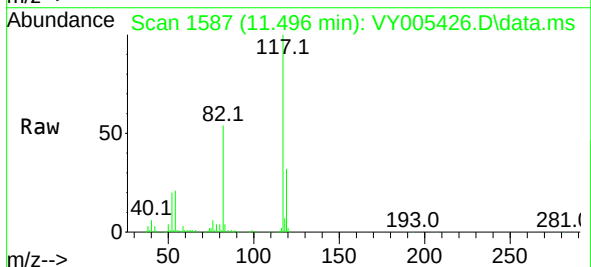
Instrument :
MSVOA_Y
ClientSampleId :
20210727-23

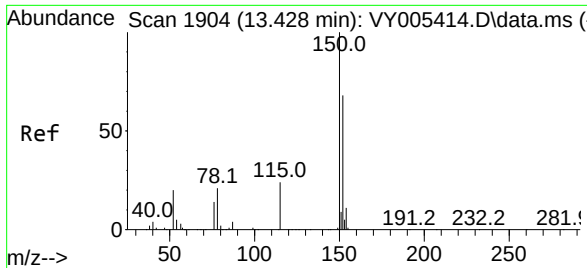
Tgt Ion: 95 Resp: 164134
Ion Ratio Lower Upper
95 100
174 94.9 0.0 186.6
176 93.1 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005426.D
Acq: 23 Jul 2021 19:22

Tgt Ion: 117 Resp: 353300
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.6
119 31.9 24.8 37.2

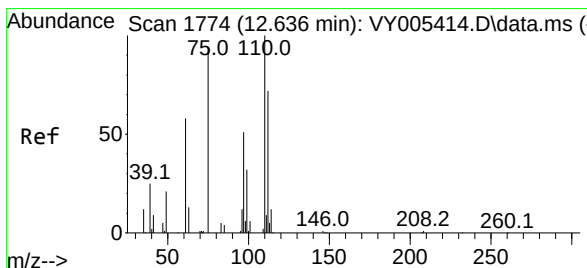
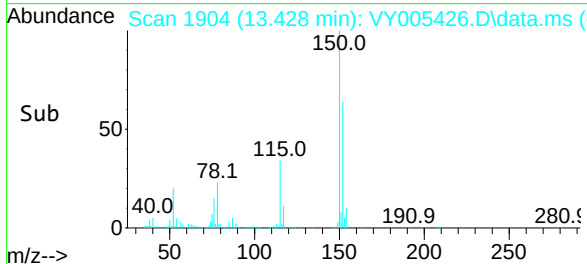
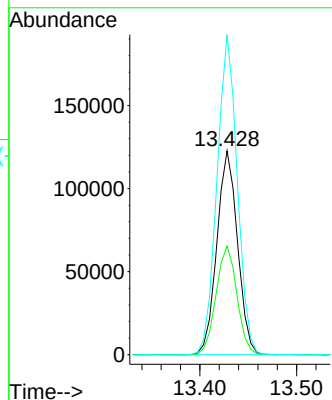
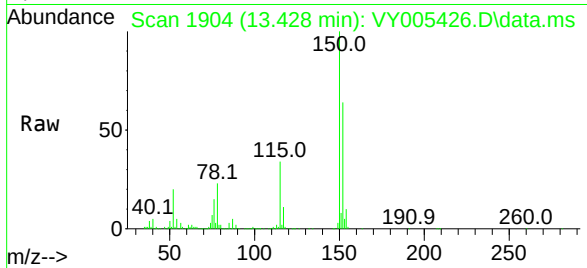




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005426.D
 Acq: 23 Jul 2021 19:22

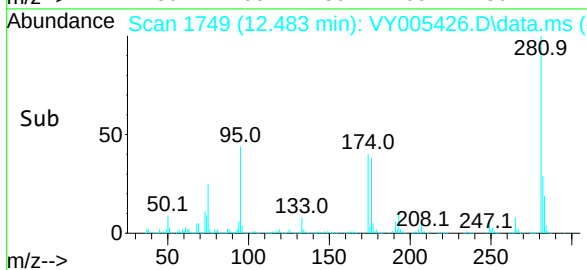
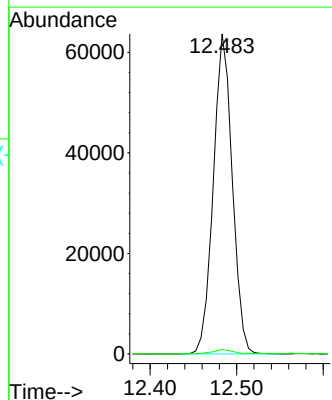
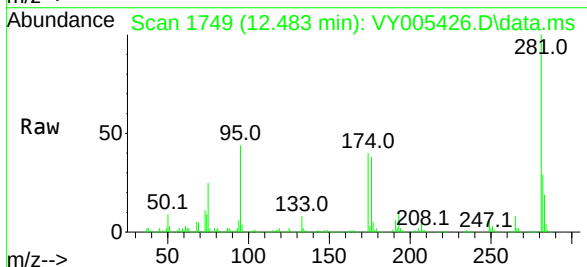
Instrument :
 MSVOA_Y
 ClientSampleId :
 20210727-23

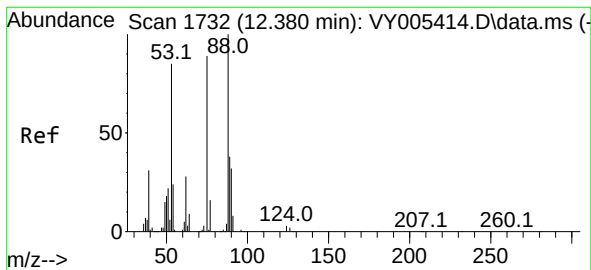
Tgt Ion:152 Resp: 181753
 Ion Ratio Lower Upper
 152 100
 115 53.7 27.7 83.1
 150 154.2 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 54.109 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005426.D
 Acq: 23 Jul 2021 19:22

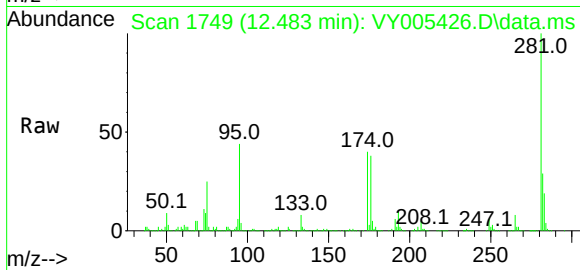
Tgt Ion: 75 Resp: 96769
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.064 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005426.D
 Acq: 23 Jul 2021 19:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210727-23



Tgt Ion:	75	Resp:	96769
Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.1	114.1#
89	2.5	36.9	55.3#

