

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005427.D
 Acq On : 23 Jul 2021 19:45
 Operator : SY/MD
 Sample : M3131-07
 Misc : 9.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210728-27

Quant Time: Jul 24 03:02:59 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)

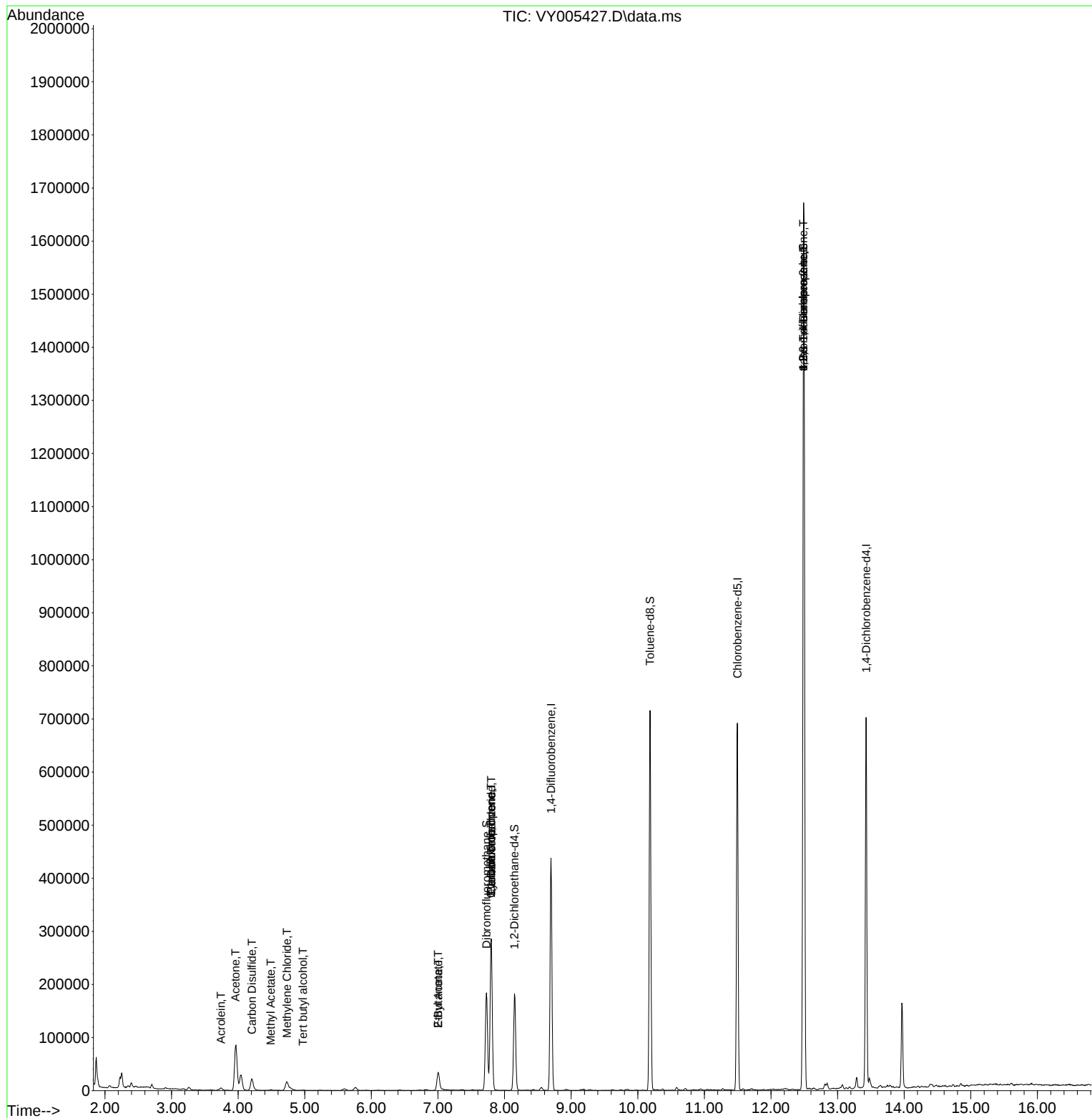
Internal Standards						
1) Pentafluorobenzene	7.801	168	233606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	361384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	367536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	148172	59.371	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.740%			
35) Dibromofluoromethane	7.728	113	127373	61.041	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.080%			
50) Toluene-d8	10.185	98	463811	52.443	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.880%			
62) 4-Bromofluorobenzene	12.483	95	167991	57.552	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.100%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	660	2.799	ug/l #	85
13) Acrolein	3.741	56	5357	24.814	ug/l #	81
16) Acetone	3.960	43	153742	269.749	ug/l	98
17) Carbon Disulfide	4.204	76	42679	5.779	ug/l	100
18) Methyl Acetate	4.491	43	2291	1.430	ug/l	92
20) Methylene Chloride	4.735	84	11268	2.360	ug/l	97
25) 2-Butanone	7.003	43	52791	61.852	ug/l	96
31) Cyclohexane	7.795	56	5108	1.199	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	17369	4.971	ug/l #	50
37) Ethyl Acetate	7.003	43	52791	24.819	ug/l #	70
38) Carbon Tetrachloride	7.801	117	21212	5.555	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	99666	57.032	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	99666	110.740	ug/l #	13

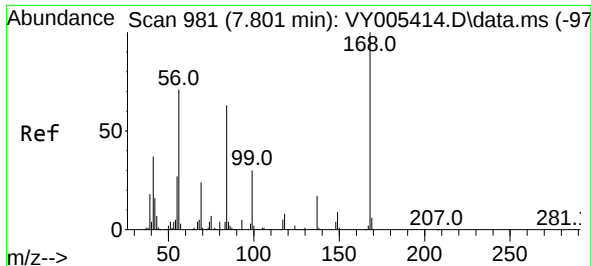
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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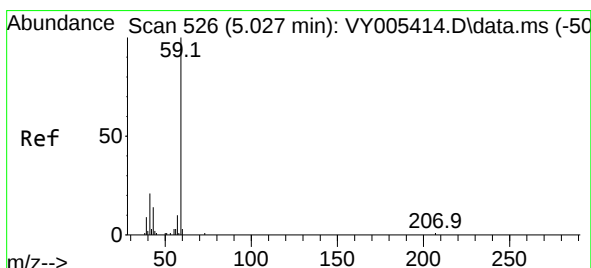
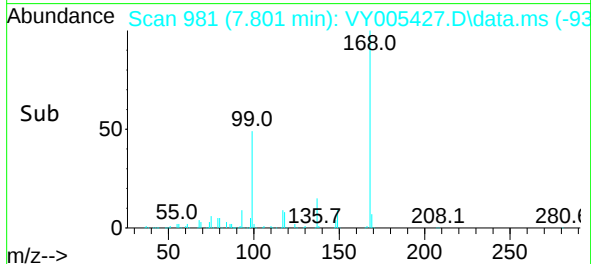
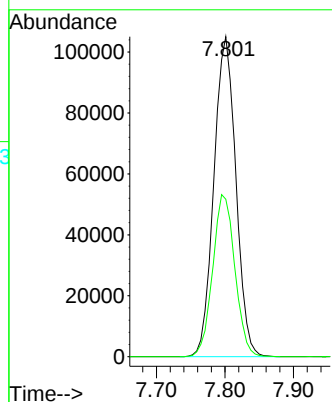
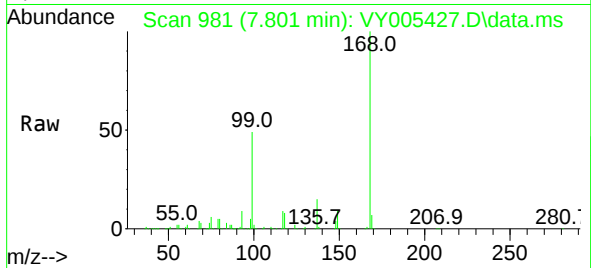




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

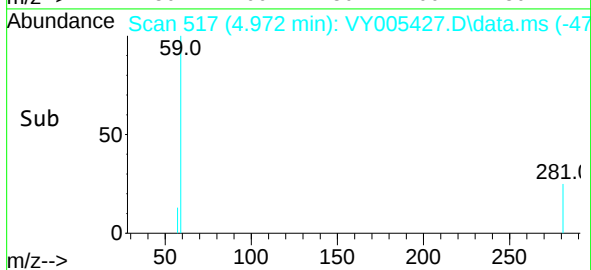
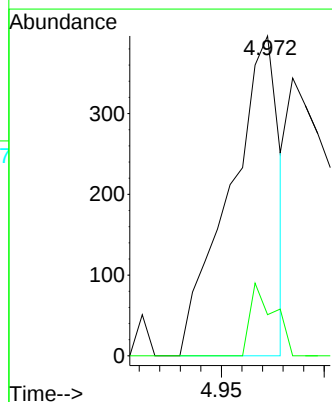
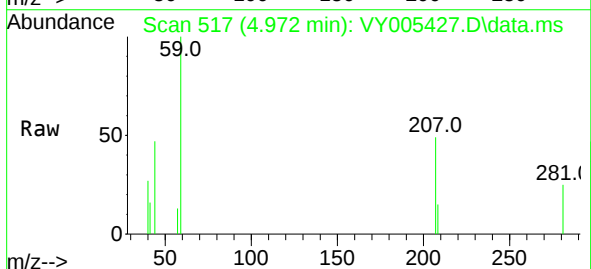
Instrument :
MSVOA_Y
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20210728-27

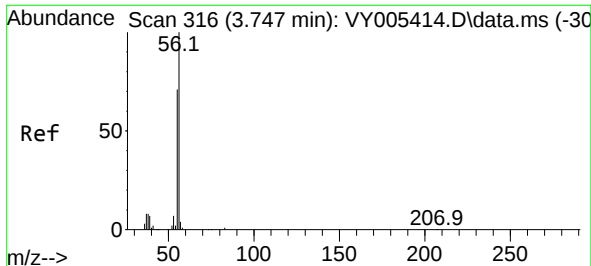
Tgt Ion:168 Resp: 233606
Ion Ratio Lower Upper
168 100
99 49.2 39.8 59.6



#11
Tert butyl alcohol
Concen: 2.799 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.055 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

Tgt Ion: 59 Resp: 660
Ion Ratio Lower Upper
59 100
57 11.1 4.7 7.1#

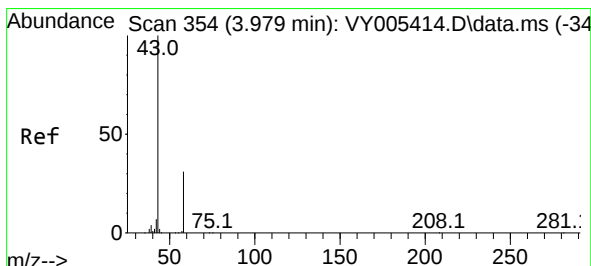
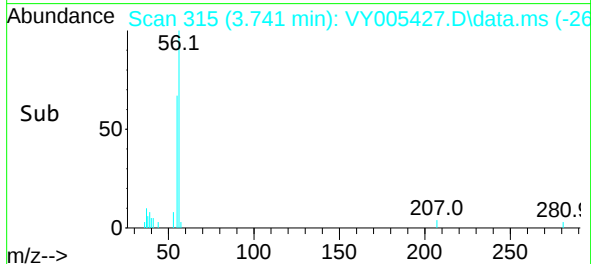
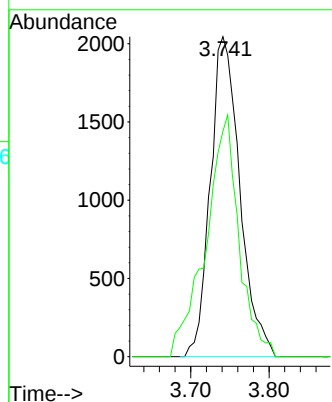
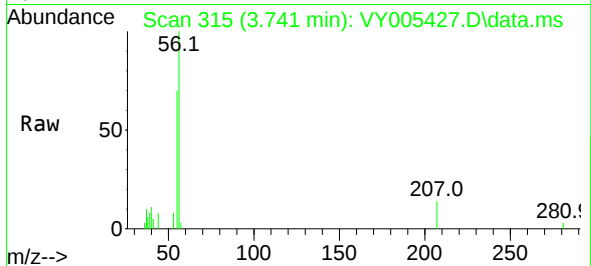




#13
Acrolein
Concen: 24.814 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

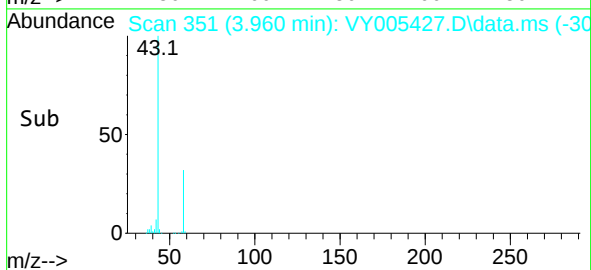
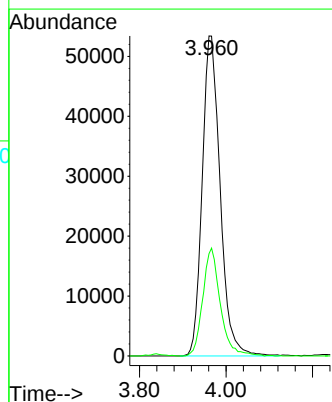
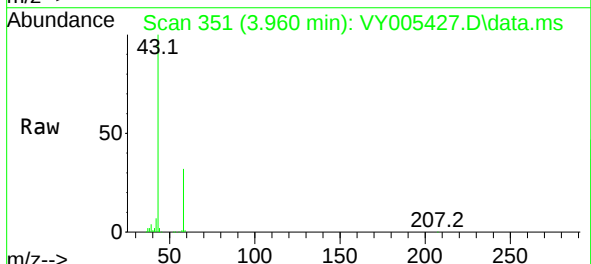
Instrument :
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ClientSampleId :
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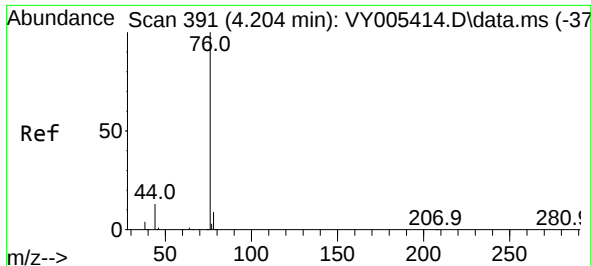
Tgt Ion: 56 Resp: 5357
Ion Ratio Lower Upper
56 100
55 84.7 55.2 82.8#



#16
Acetone
Concen: 269.749 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

Tgt Ion: 43 Resp: 153742
Ion Ratio Lower Upper
43 100
58 32.0 24.5 36.7

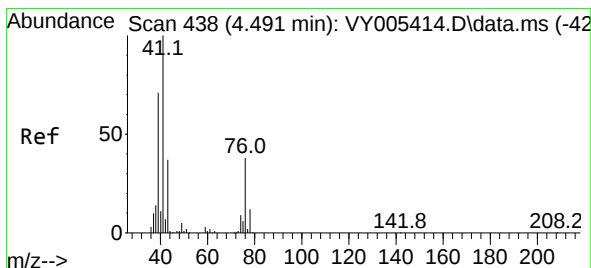
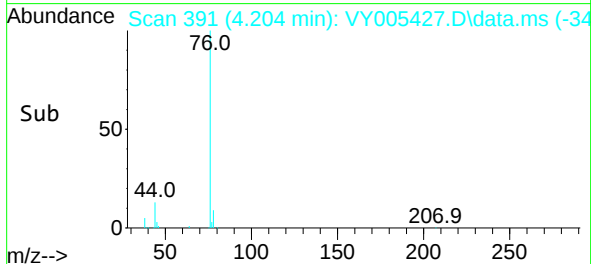
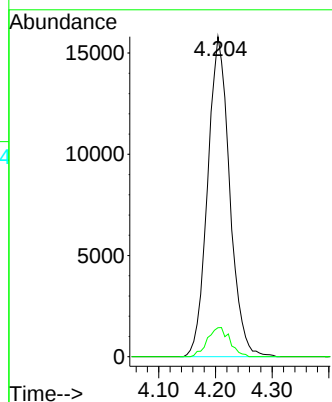
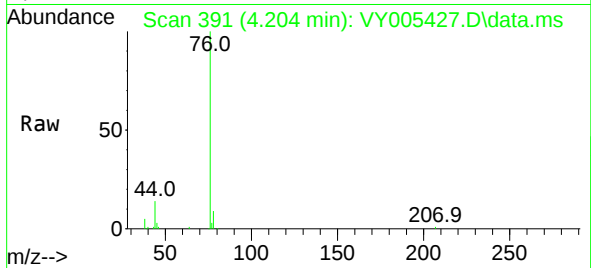




#17
Carbon Disulfide
Concen: 5.779 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

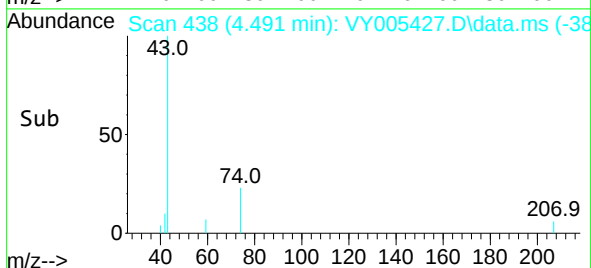
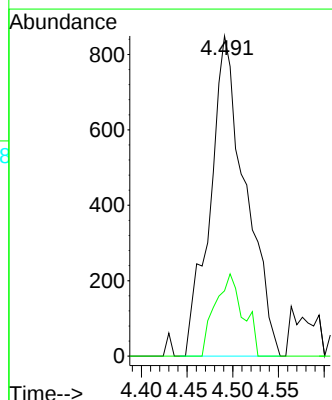
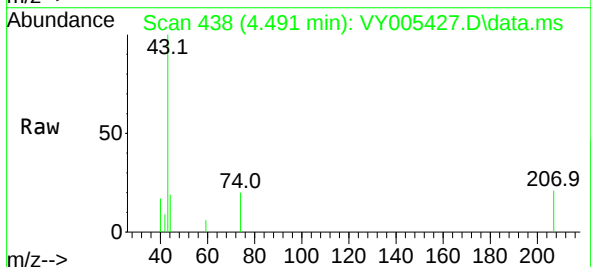
Instrument :
MSVOA_Y
ClientSampleId :
20210728-27

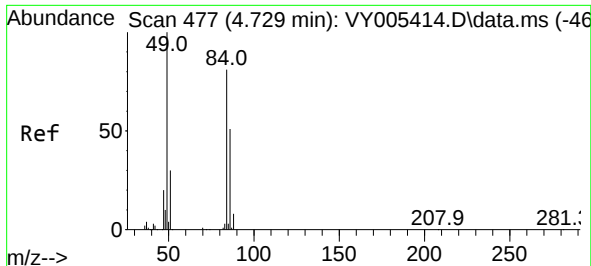
Tgt Ion: 76 Resp: 42679
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 1.430 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

Tgt Ion: 43 Resp: 2291
Ion Ratio Lower Upper
43 100
74 20.3 19.2 28.8

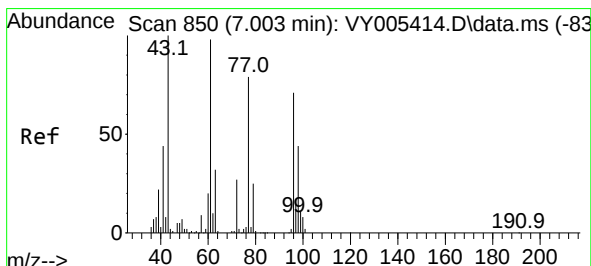
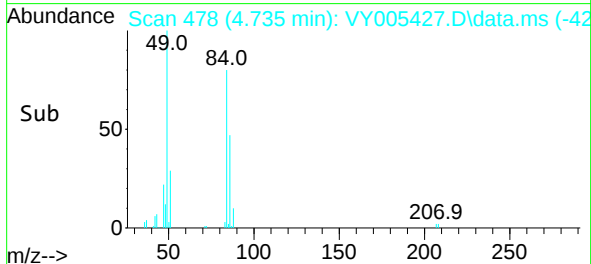
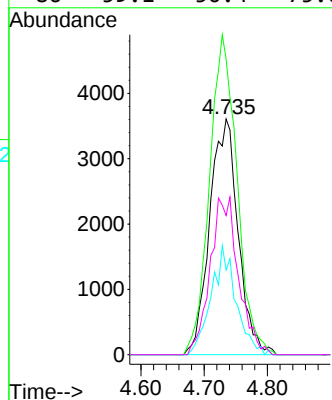
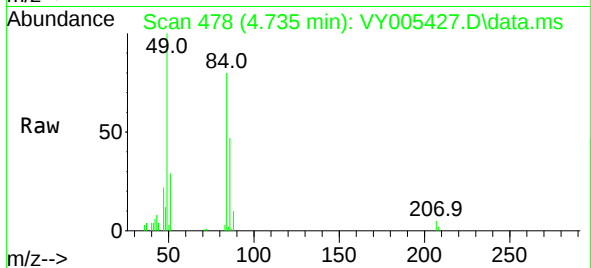




#20
Methylene Chloride
Concen: 2.360 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

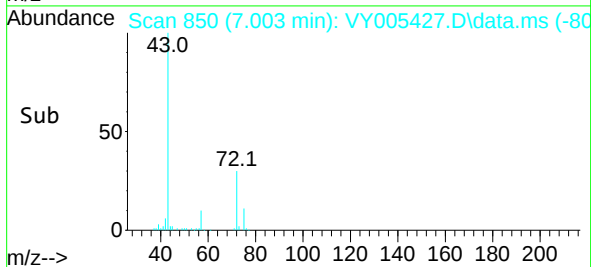
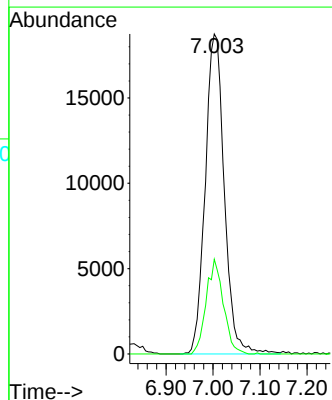
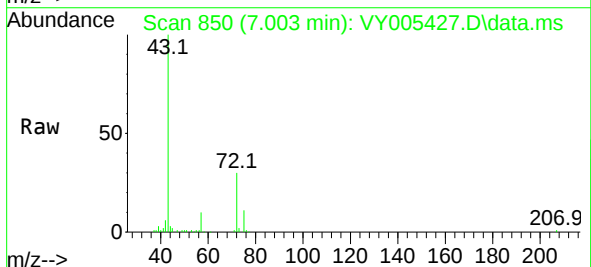
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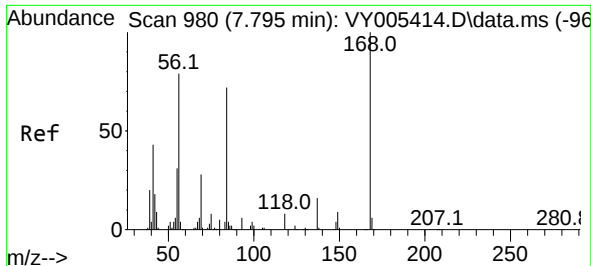
Tgt Ion:	84	Resp:	11268
Ion	Ratio	Lower	Upper
84	100		
49	125.4	98.9	148.3
51	35.9	30.0	45.0
86	59.1	50.4	75.6



#25
2-Butanone
Concen: 61.852 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

Tgt Ion:	43	Resp:	52791
Ion	Ratio	Lower	Upper
43	100		
72	29.6	21.9	32.9

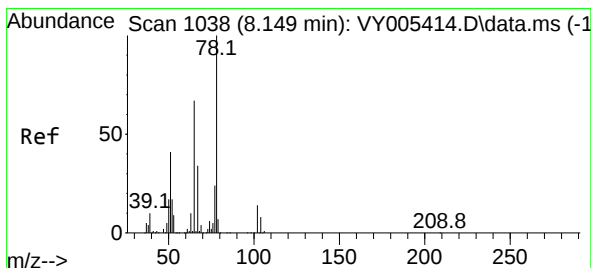
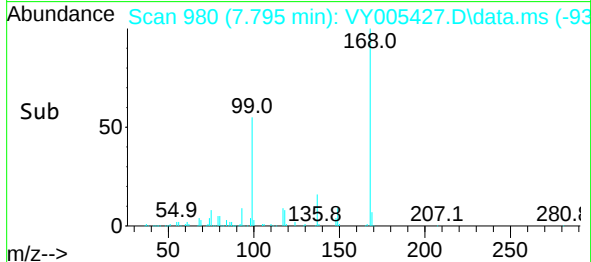
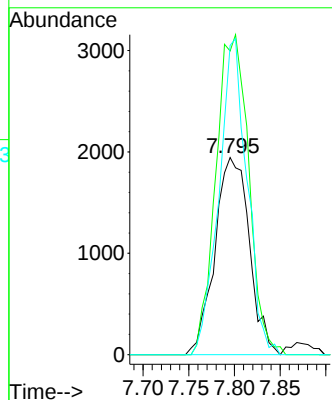
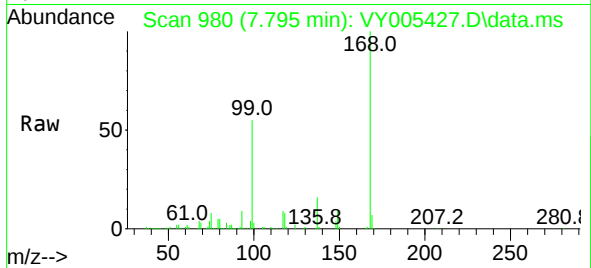




#31
Cyclohexane
Concen: 1.199 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

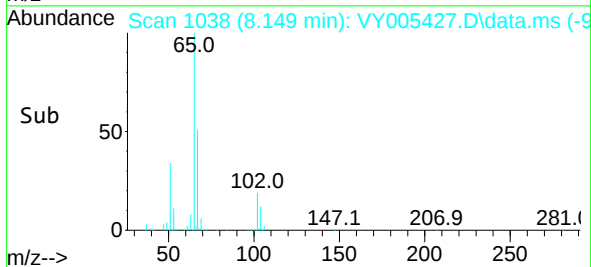
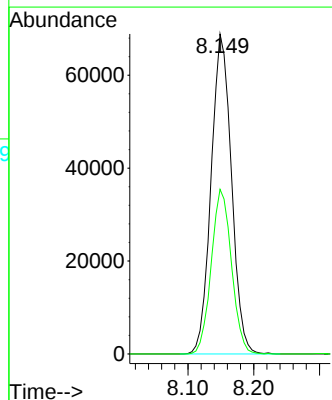
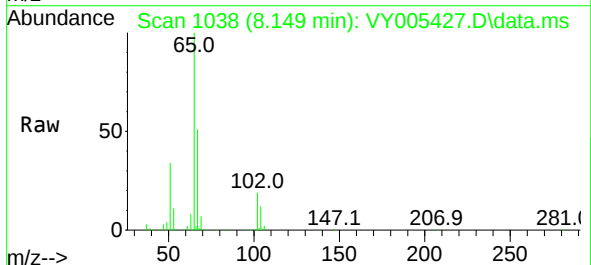
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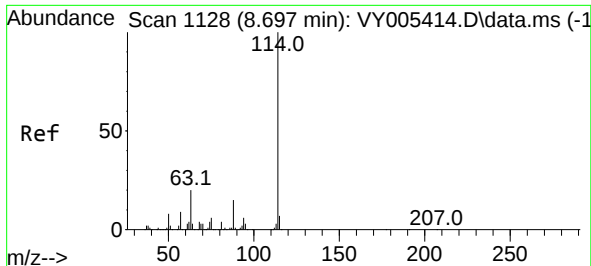
Tgt Ion: 56 Resp: 5108
Ion Ratio Lower Upper
56 100
69 154.1 28.7 43.1#
84 156.9 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 59.371 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

Tgt Ion: 65 Resp: 148172
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.2

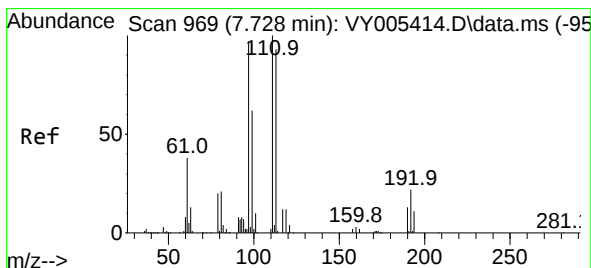
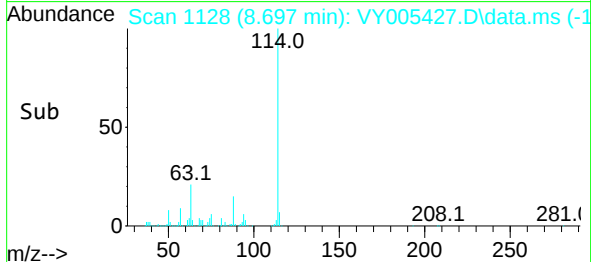
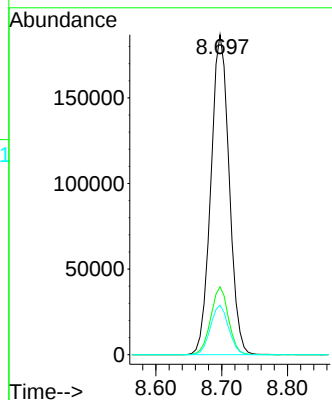
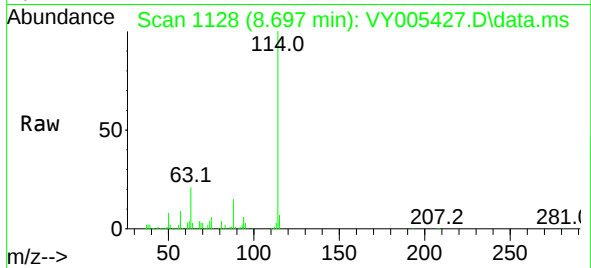




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

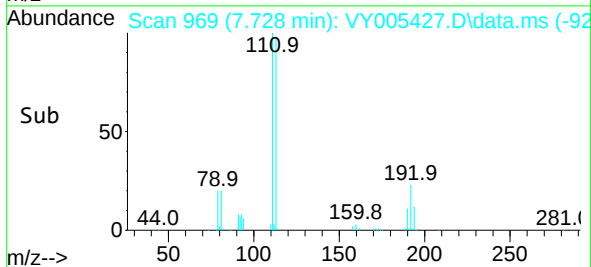
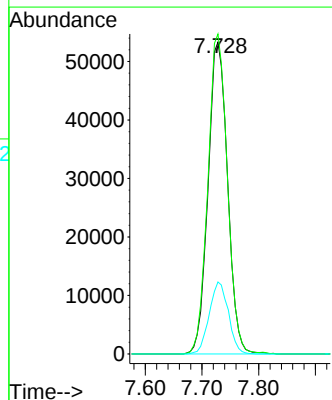
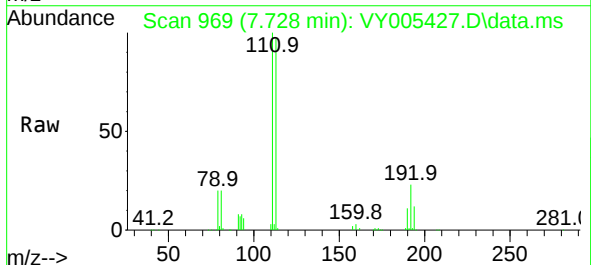
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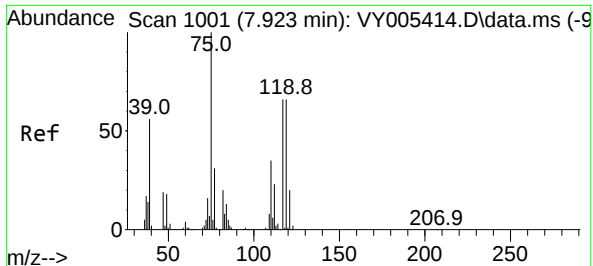
Tgt Ion:114 Resp: 361384
Ion Ratio Lower Upper
114 100
63 21.2 0.0 39.0
88 15.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 61.041 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

Tgt Ion:113 Resp: 127373
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 22.6 18.9 28.3





#36

1,1-Dichloropropene

Concen: 4.971 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005427.D

Acq: 23 Jul 2021 19:45

Tgt Ion: 75 Resp: 17369

Ion Ratio Lower Upper

75 100

110 9.3 17.6 52.9#

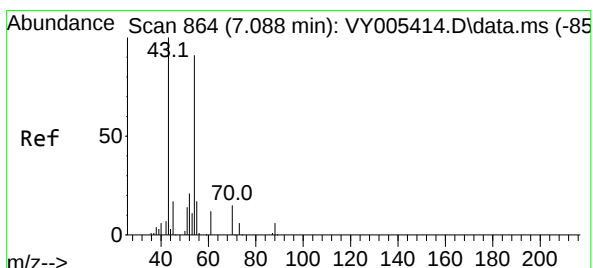
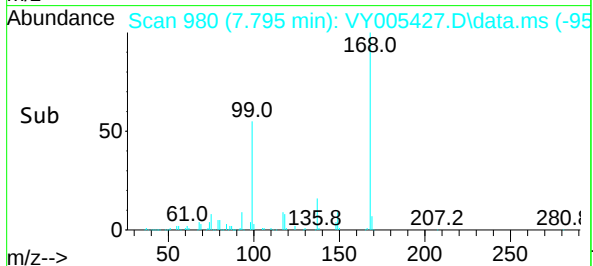
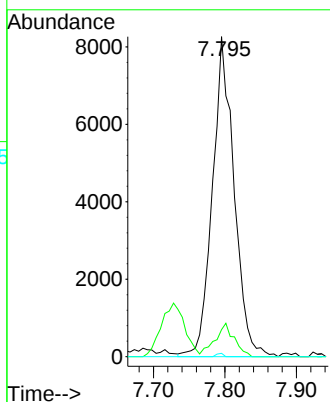
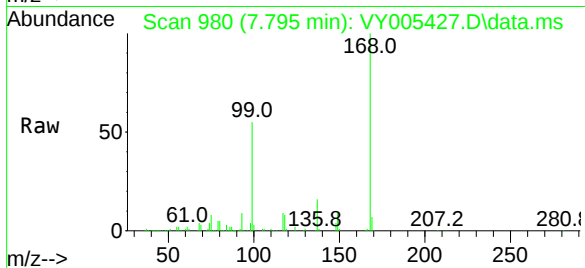
77 0.3 24.6 37.0#

Instrument :

MSVOA_Y

ClientSampleId :

20210728-27



#37

Ethyl Acetate

Concen: 24.819 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.085 min

Lab File: VY005427.D

Acq: 23 Jul 2021 19:45

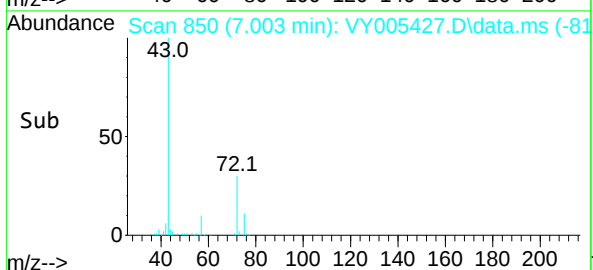
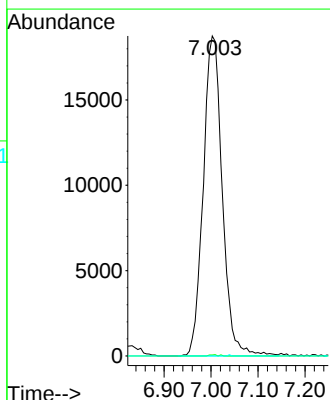
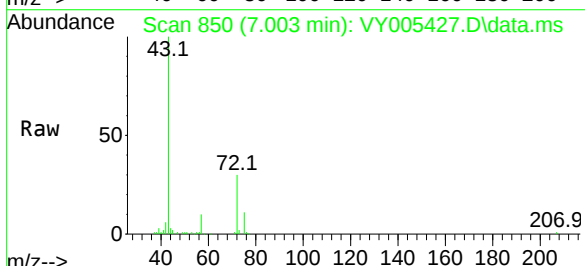
Tgt Ion: 43 Resp: 52791

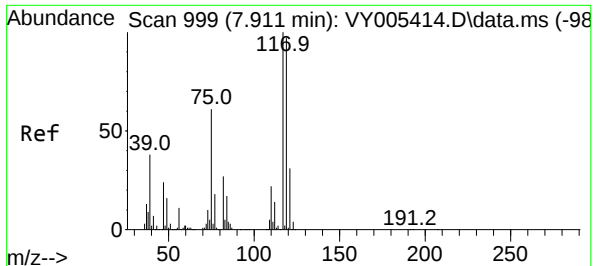
Ion Ratio Lower Upper

43 100

61 0.2 10.3 15.5#

70 0.0 7.9 11.9#

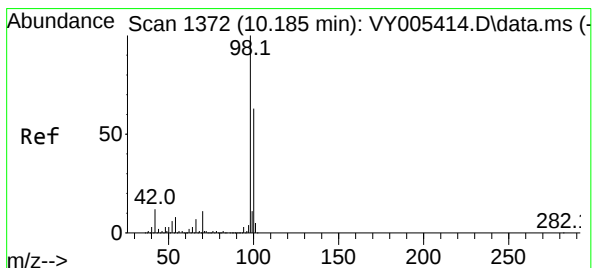
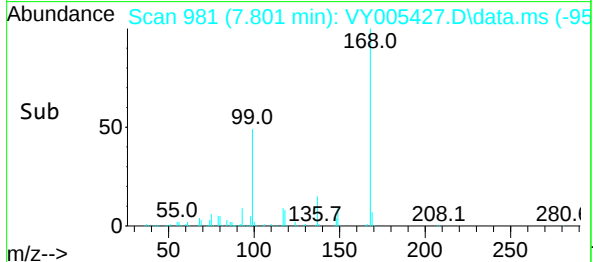
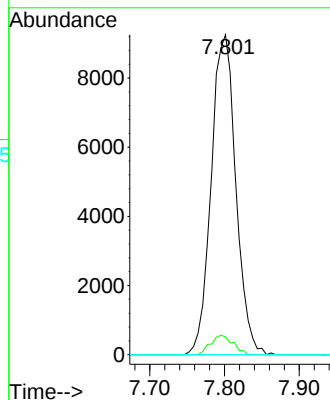
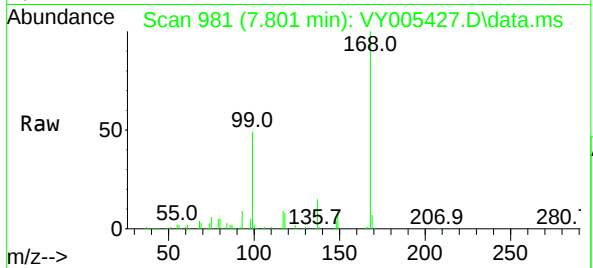




#38
Carbon Tetrachloride
Concen: 5.555 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

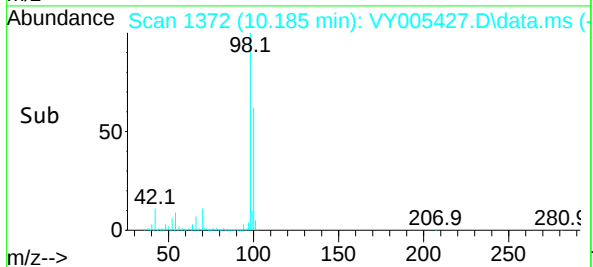
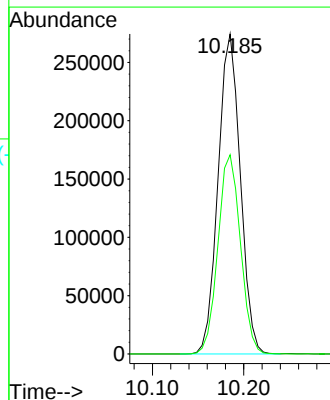
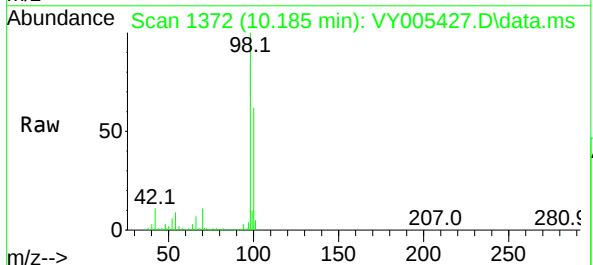
Instrument :
MSVOA_Y
ClientSampleId :
20210728-27

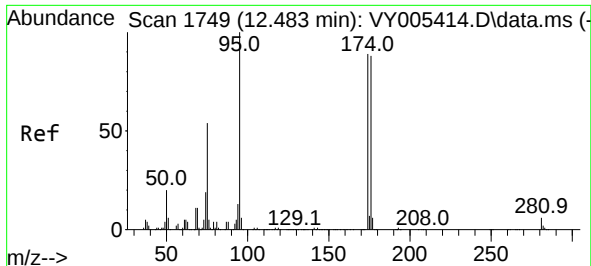
Tgt Ion:117 Resp: 21212
Ion Ratio Lower Upper
117 100
119 5.6 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.443 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

Tgt Ion: 98 Resp: 463811
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

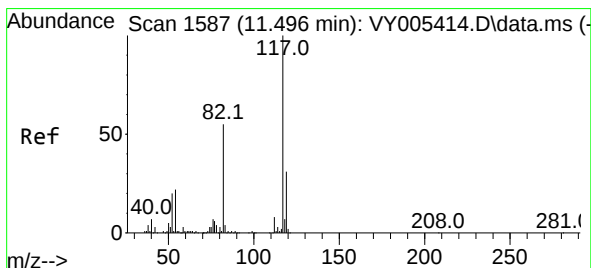
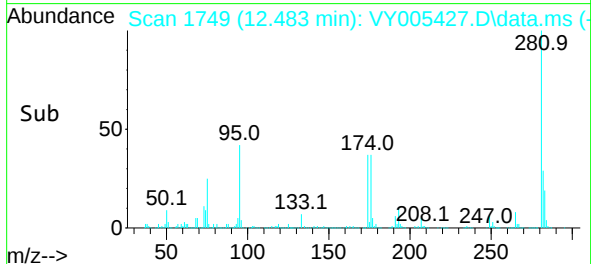
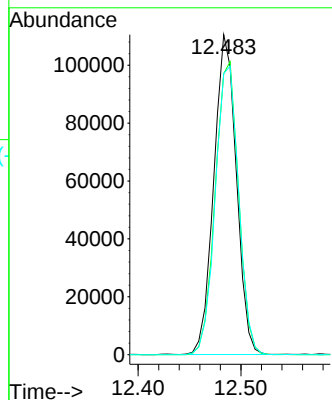
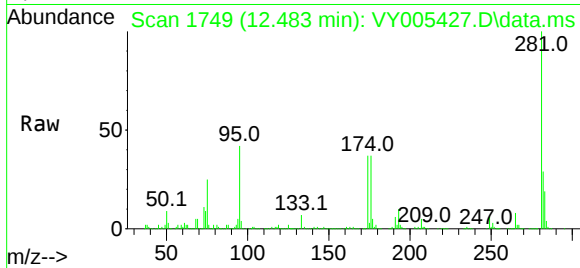




#62
4-Bromofluorobenzene
Concen: 57.552 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

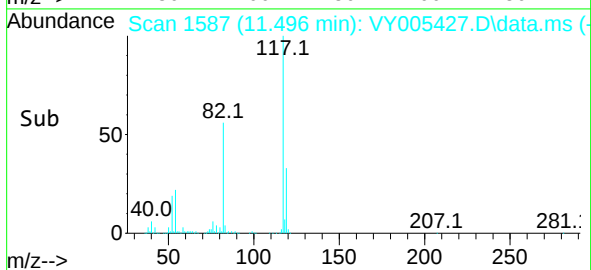
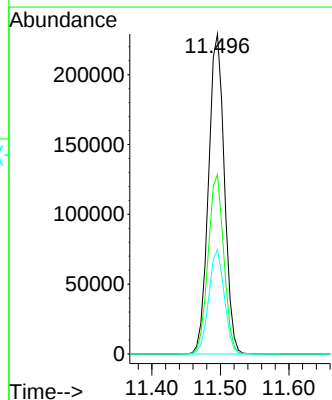
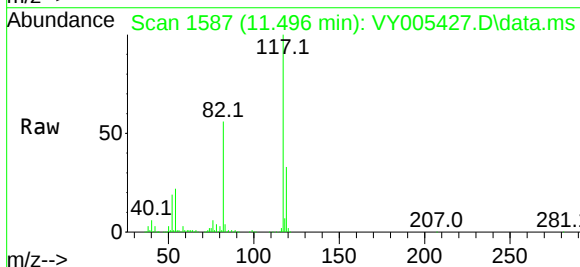
Instrument :
MSVOA_Y
ClientSampleId :
20210728-27

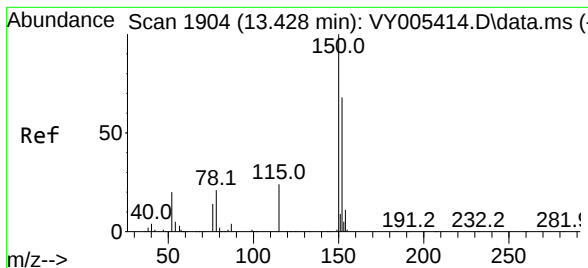
Tgt Ion: 95 Resp: 167991
Ion Ratio Lower Upper
95 100
174 94.4 0.0 186.6
176 93.5 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

Tgt Ion: 117 Resp: 367536
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.6
119 32.6 24.8 37.2

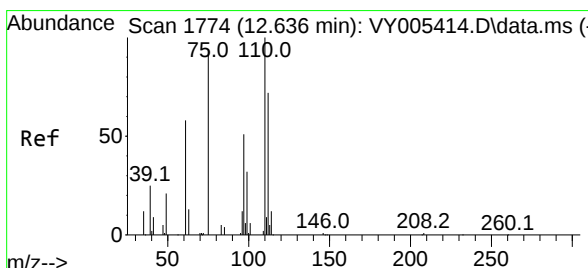
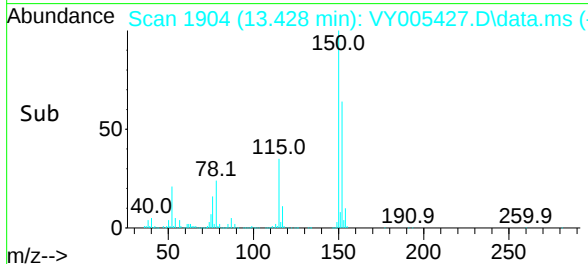
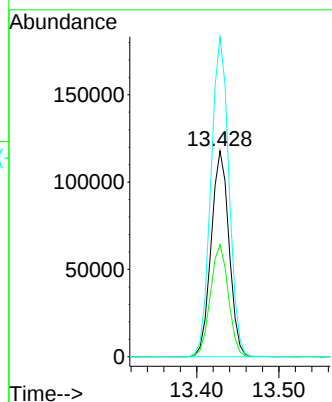
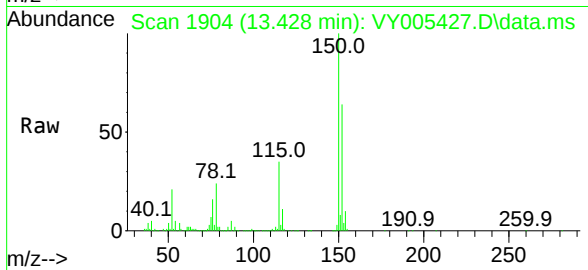




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005427.D
 Acq: 23 Jul 2021 19:45

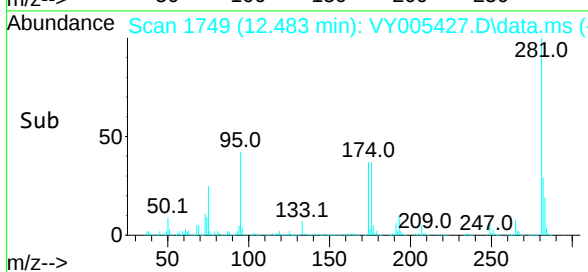
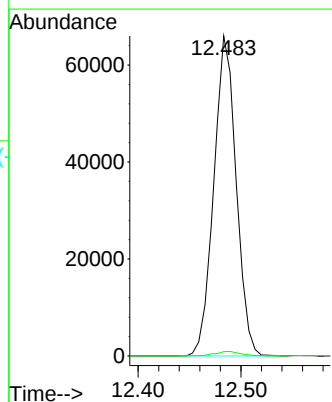
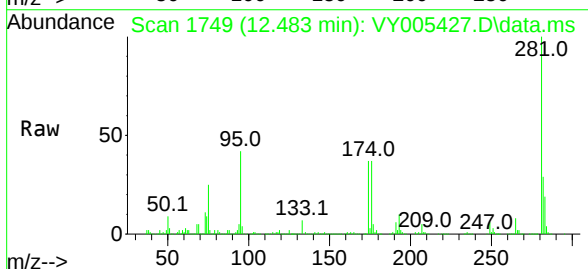
Instrument :
 MSVOA_Y
 ClientSampleId :
 20210728-27

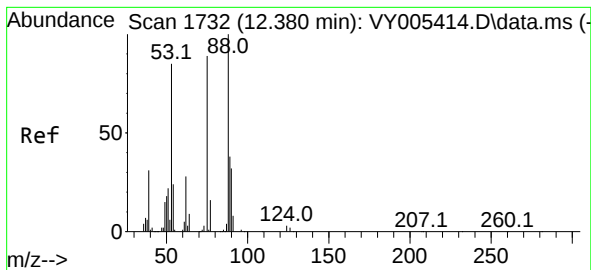
Tgt Ion:152 Resp: 177601
 Ion Ratio Lower Upper
 152 100
 115 54.7 27.7 83.1
 150 156.5 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 57.032 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005427.D
 Acq: 23 Jul 2021 19:45

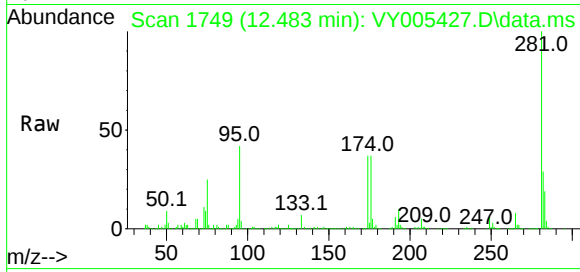
Tgt Ion: 75 Resp: 99666
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 110.740 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

Instrument :
MSVOA_Y
ClientSampleId :
20210728-27



Tgt Ion: 75 Resp: 99666
Ion Ratio Lower Upper
75 100
53 0.3 76.1 114.1#
89 2.5 36.9 55.3#

