

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005425.D
 Acq On : 23 Jul 2021 18:59
 Operator : SY/MD
 Sample : M3131-05
 Misc : 10.49G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210726-15

Quant Time: Jul 24 03:02:26 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)

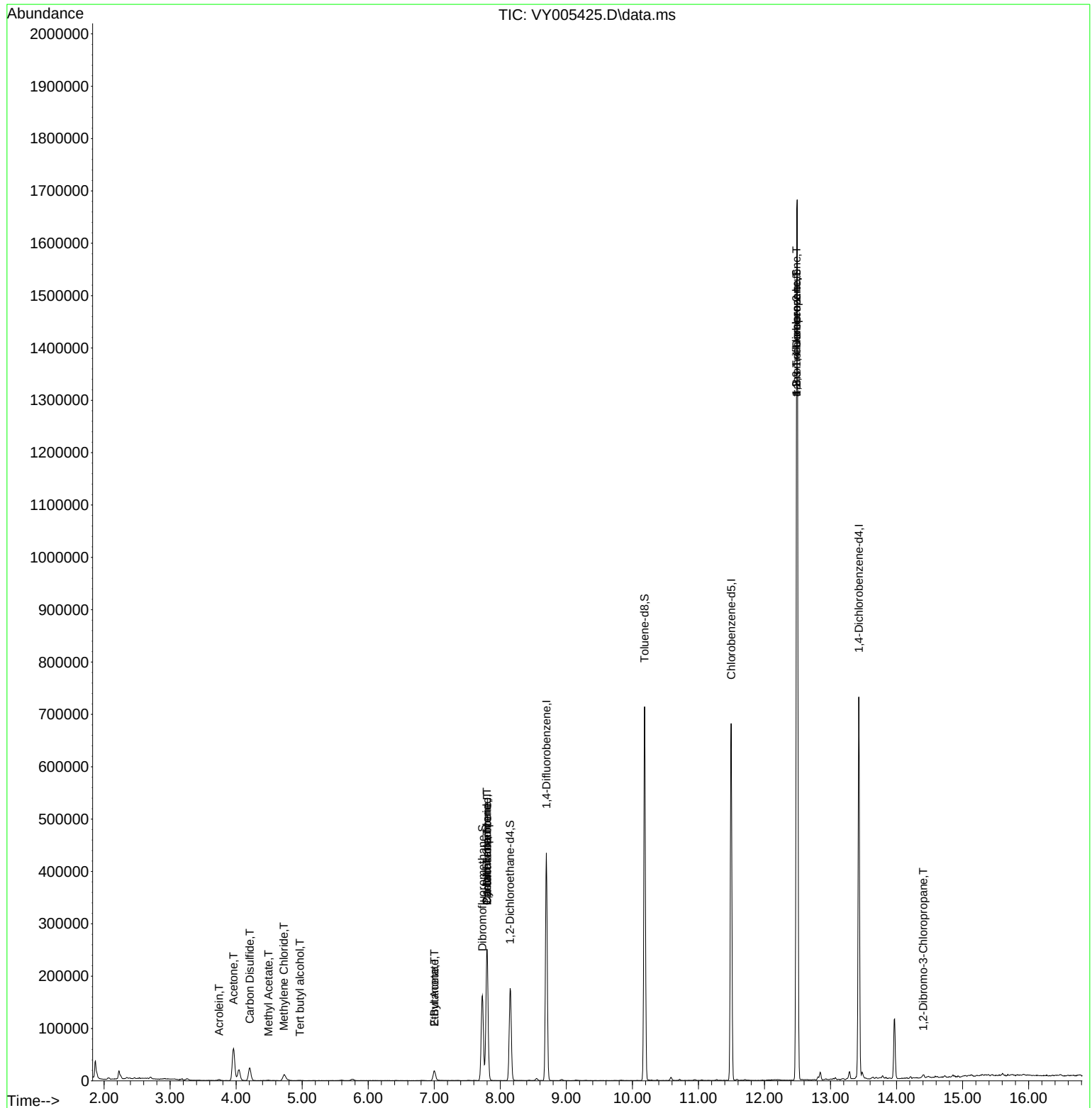
Internal Standards						
1) Pentafluorobenzene	7.801	168	208221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	356848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	364128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	181098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	145807	65.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.100%	
35) Dibromofluoromethane	7.728	113	113379	55.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.060%	
50) Toluene-d8	10.185	98	458746	52.530	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.060%	
62) 4-Bromofluorobenzene	12.483	95	167283	58.038	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	941	4.478	ug/l #	82
13) Acrolein	3.741	56	2351	12.217	ug/l	85
16) Acetone	3.960	43	107773	212.147	ug/l	99
17) Carbon Disulfide	4.204	76	48551	7.375	ug/l	99
18) Methyl Acetate	4.491	43	1898	1.329	ug/l	93
20) Methylene Chloride	4.723	84	8545	1.852	ug/l	93
25) 2-Butanone	7.003	43	29531	38.818	ug/l	95
31) Cyclohexane	7.795	56	3949	1.040	ug/l #	17
36) 1,1-Dichloropropene	7.801	75	14333	4.154	ug/l #	52
37) Ethyl Acetate	7.003	43	29531	14.060	ug/l #	70
38) Carbon Tetrachloride	7.795	117	18583	4.929	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	100679	56.499	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	100679	109.705	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.404	75	1015	2.195	ug/l #	1

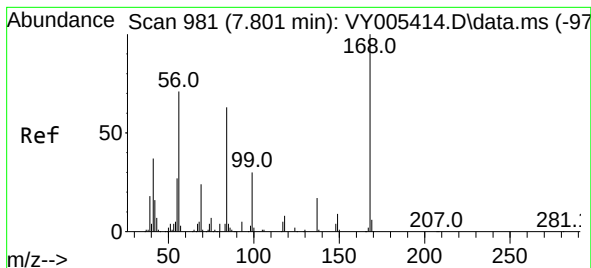
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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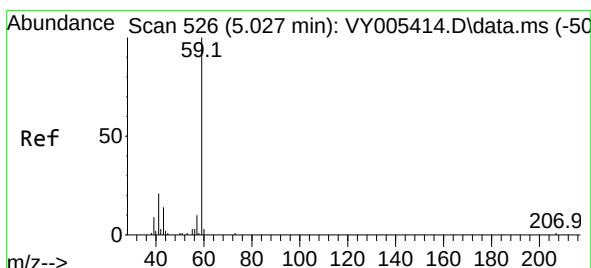
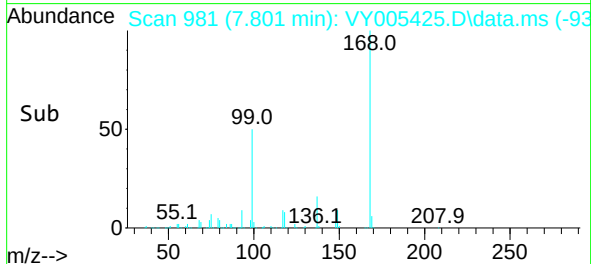
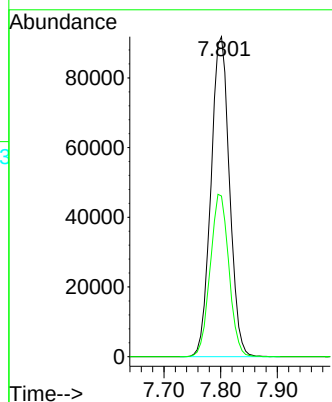
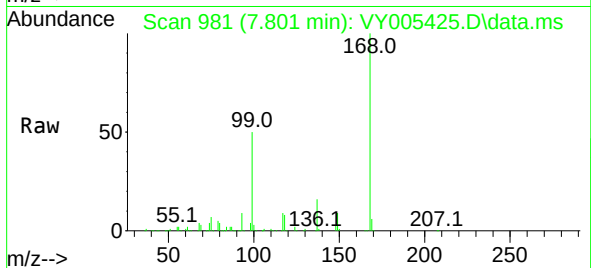




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

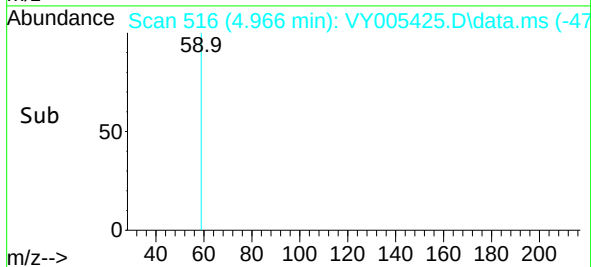
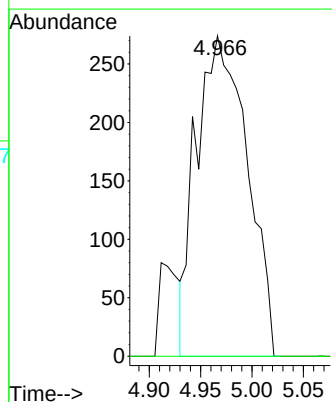
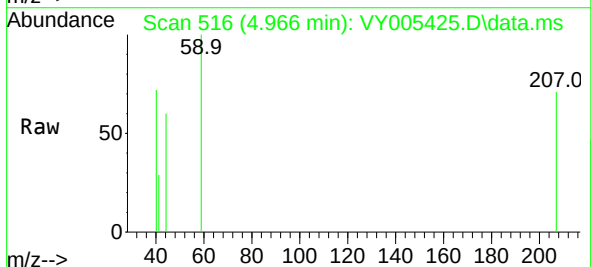
Instrument :
MSVOA_Y
ClientSampleId :
20210726-15

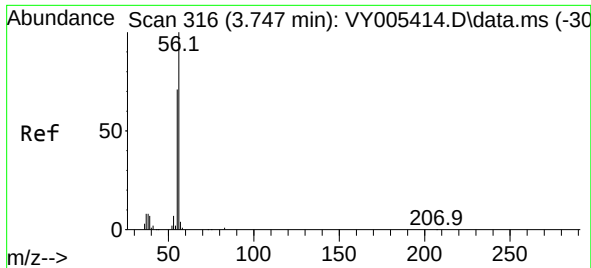
Tgt Ion:168 Resp: 208221
Ion Ratio Lower Upper
168 100
99 50.2 39.8 59.6



#11
Tert butyl alcohol
Concen: 4.478 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.061 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

Tgt Ion: 59 Resp: 941
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

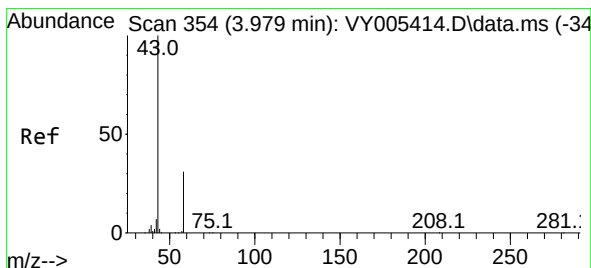
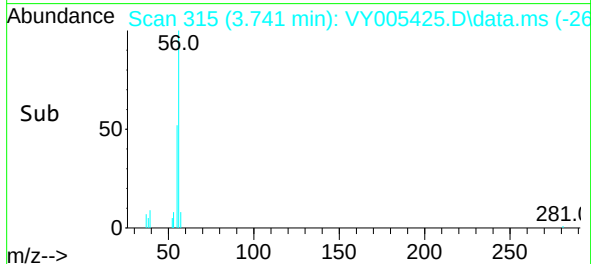
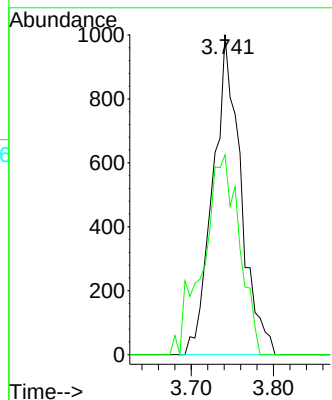
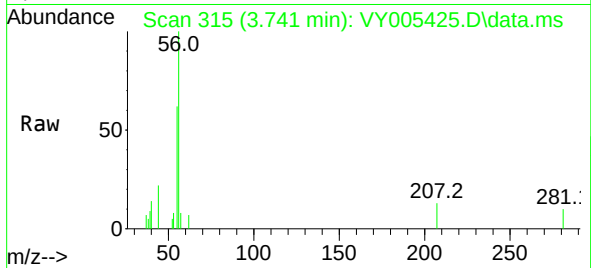




#13
Acrolein
Concen: 12.217 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

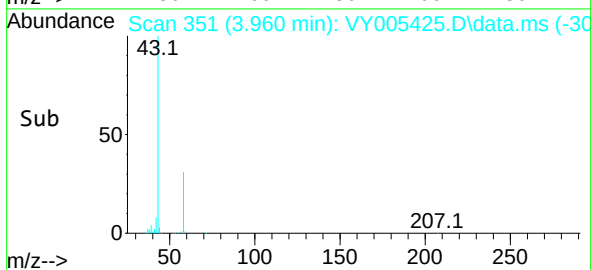
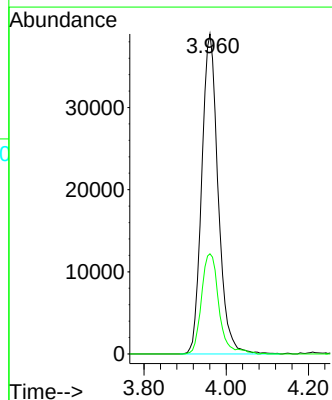
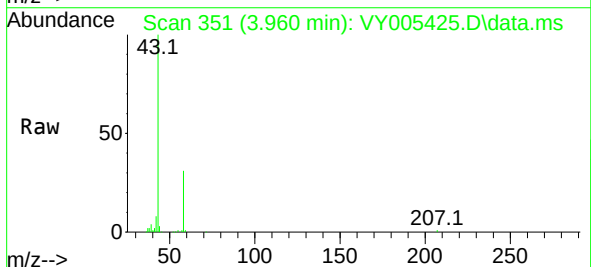
Instrument :
MSVOA_Y
ClientSampleId :
20210726-15

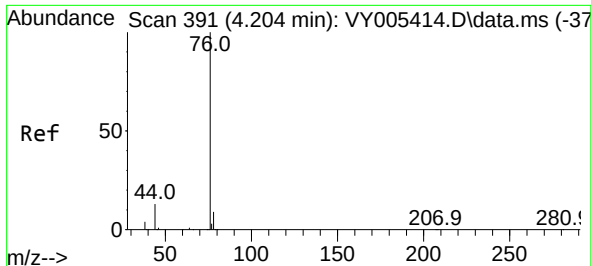
Tgt Ion: 56 Resp: 2351
Ion Ratio Lower Upper
56 100
55 81.3 55.2 82.8



#16
Acetone
Concen: 212.147 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

Tgt Ion: 43 Resp: 107773
Ion Ratio Lower Upper
43 100
58 31.3 24.5 36.7

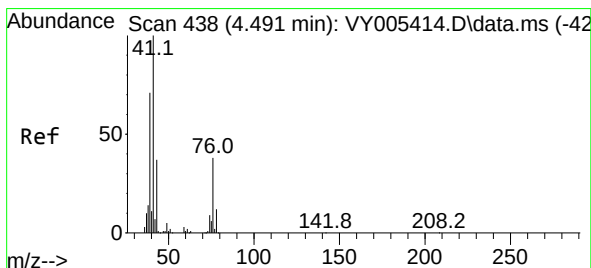
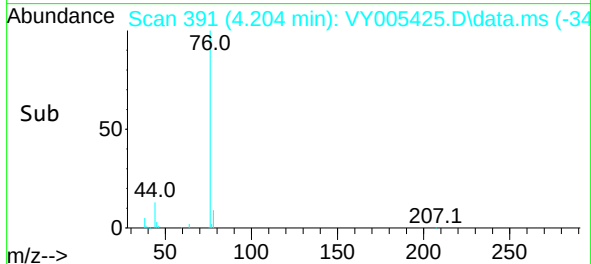
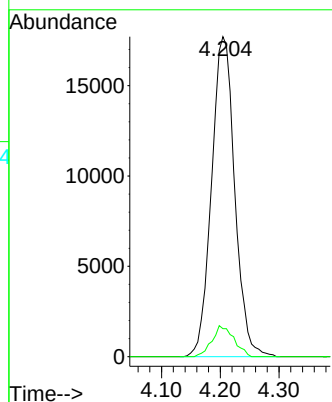
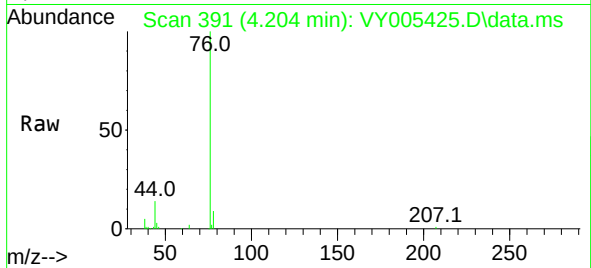




#17
Carbon Disulfide
Concen: 7.375 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

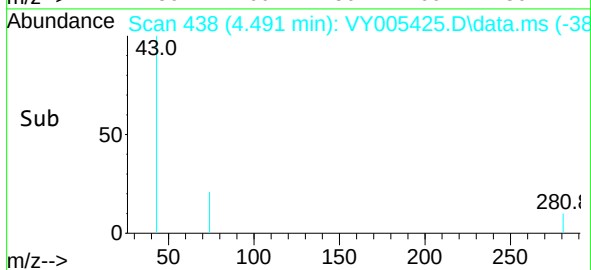
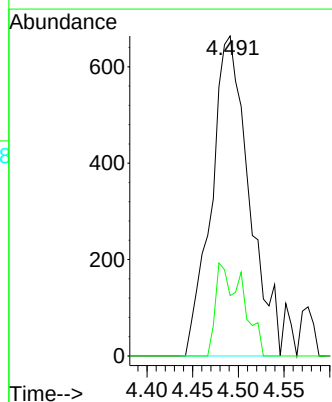
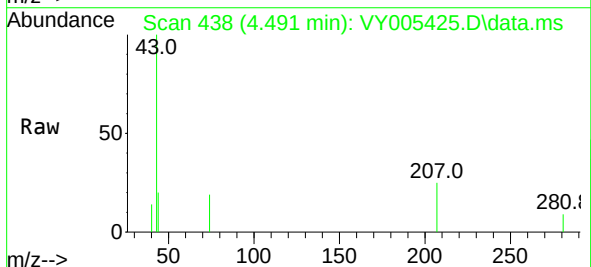
Instrument :
MSVOA_Y
ClientSampleId :
20210726-15

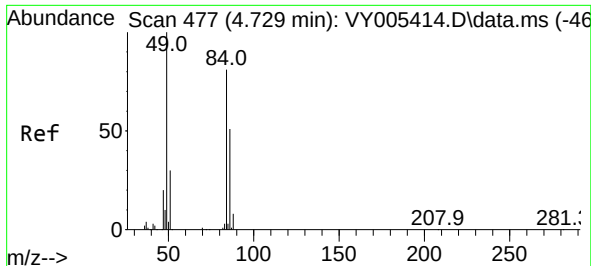
Tgt Ion: 76 Resp: 48551
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 1.329 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

Tgt Ion: 43 Resp: 1898
Ion Ratio Lower Upper
43 100
74 20.7 19.2 28.8

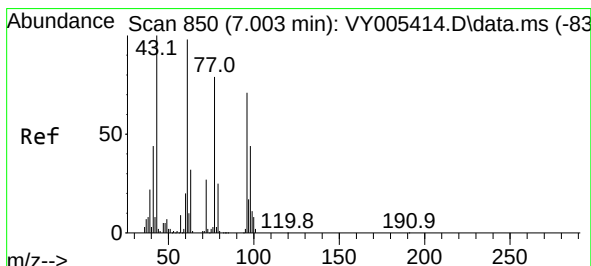
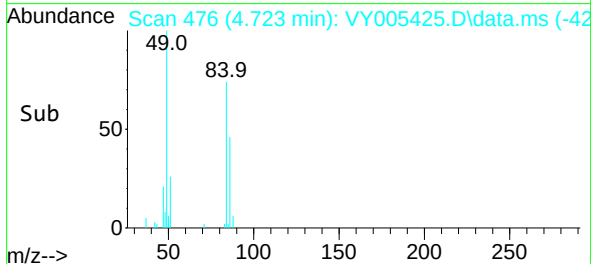
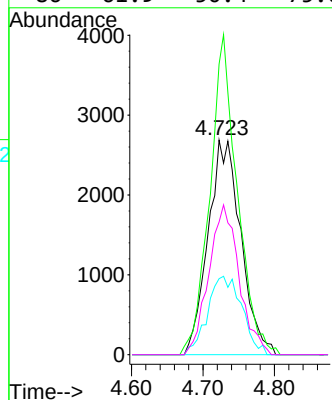
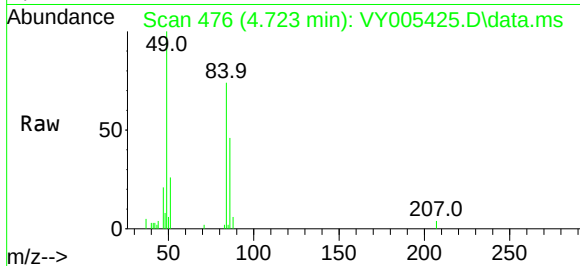




#20
Methylene Chloride
Concen: 1.852 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

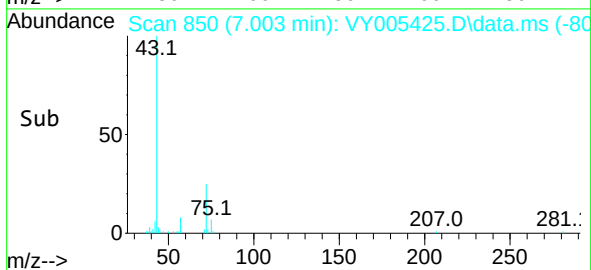
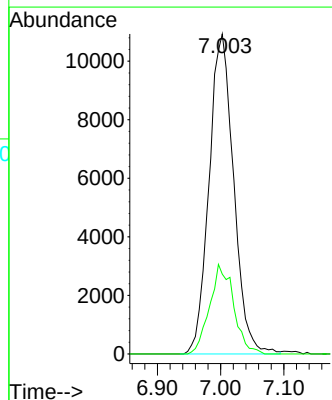
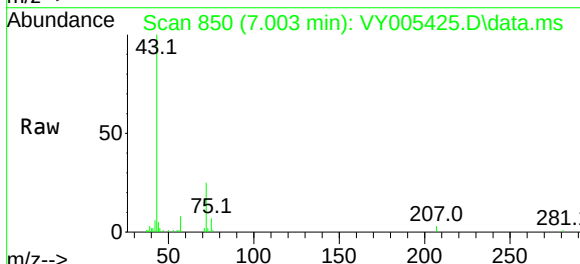
Instrument :
MSVOA_Y
ClientSampleId :
20210726-15

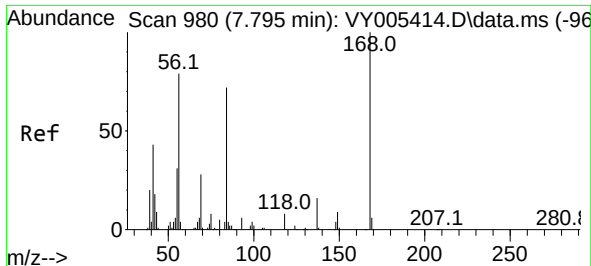
Tgt Ion:	84	Resp:	8545
Ion	Ratio	Lower	Upper
84	100		
49	135.4	98.9	148.3
51	35.4	30.0	45.0
86	61.9	50.4	75.6



#25
2-Butanone
Concen: 38.818 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

Tgt Ion:	43	Resp:	29531
Ion	Ratio	Lower	Upper
43	100		
72	25.0	21.9	32.9

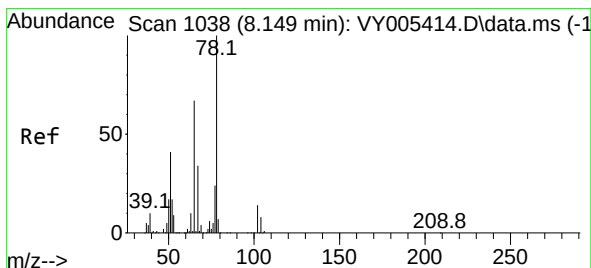
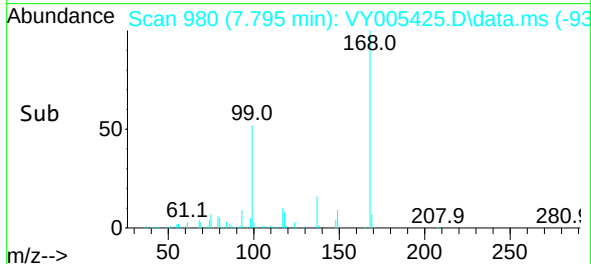
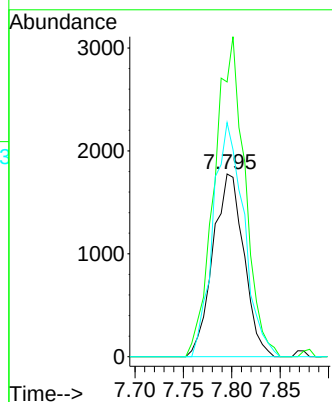
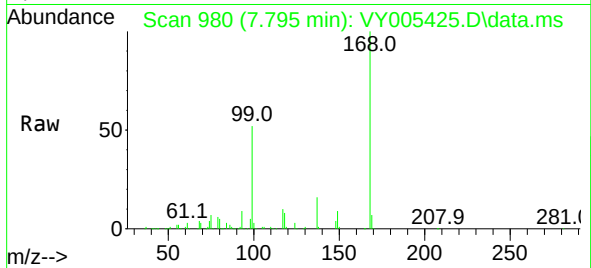




#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

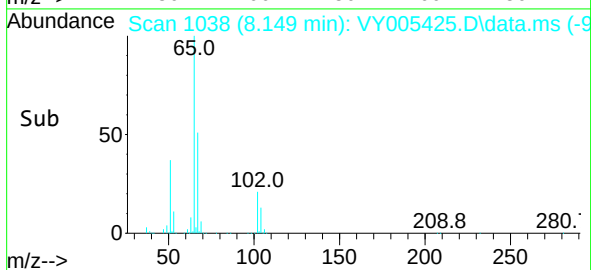
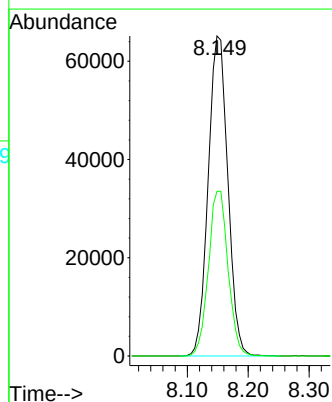
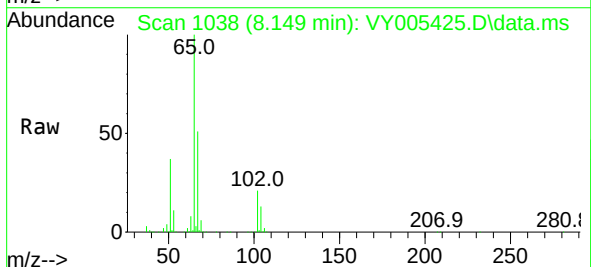
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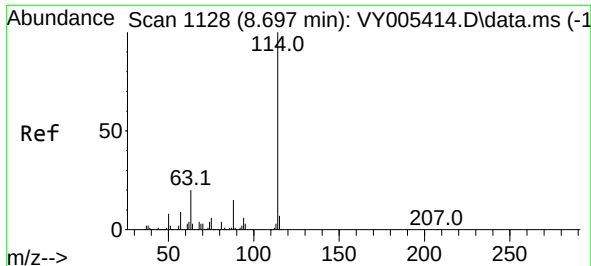
Tgt Ion: 56 Resp: 3949
Ion Ratio Lower Upper
56 100
69 150.3 28.7 43.1#
84 128.1 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 65.546 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

Tgt Ion: 65 Resp: 145807
Ion Ratio Lower Upper
65 100
67 51.5 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: VY005425.D

Acq: 23 Jul 2021 18:59

Tgt Ion:114 Resp: 356848

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

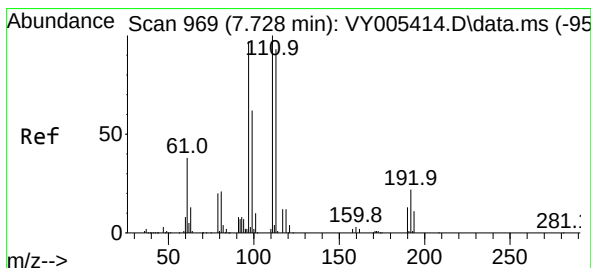
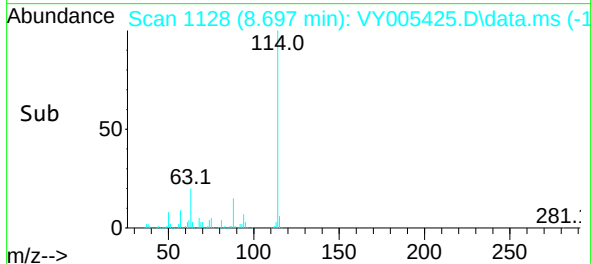
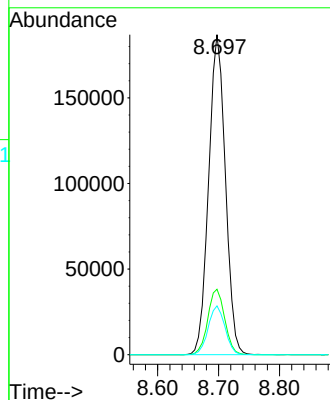
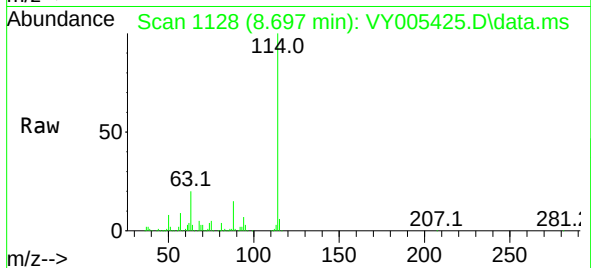
88 15.2 0.0 30.8

Instrument :

MSVOA_Y

ClientSampleId :

20210726-15



#35

Dibromofluoromethane

Concen: 55.026 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY005425.D

Acq: 23 Jul 2021 18:59

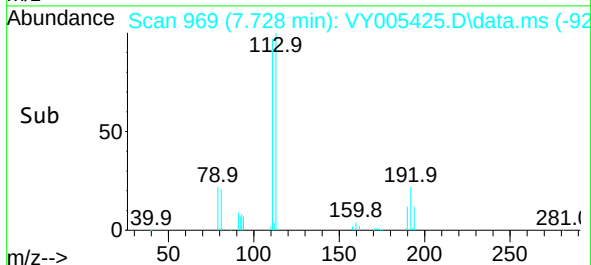
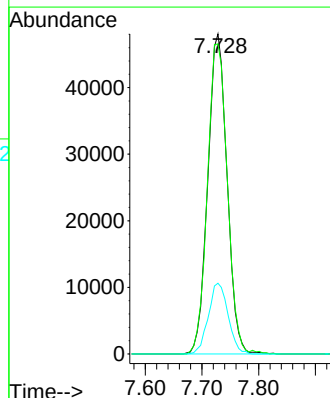
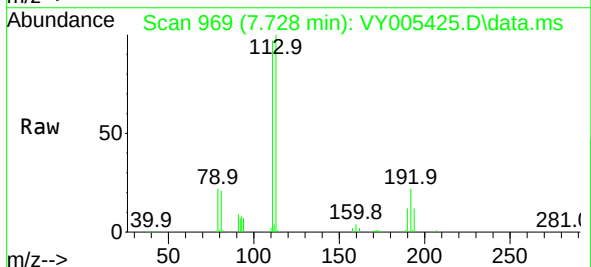
Tgt Ion:113 Resp: 113379

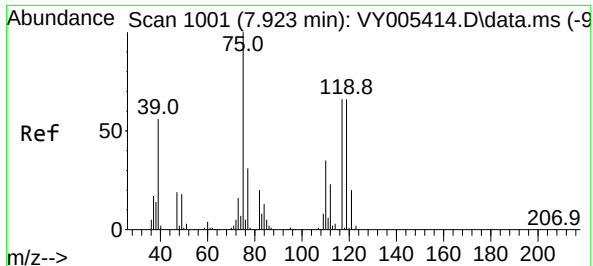
Ion Ratio Lower Upper

113 100

111 100.3 82.6 124.0

192 22.6 18.9 28.3

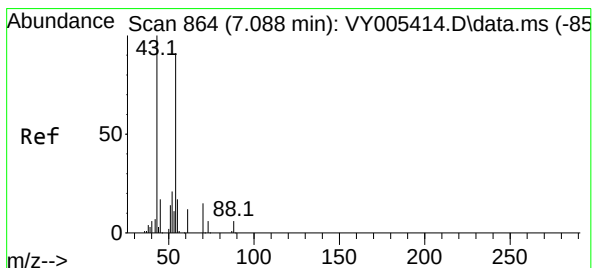
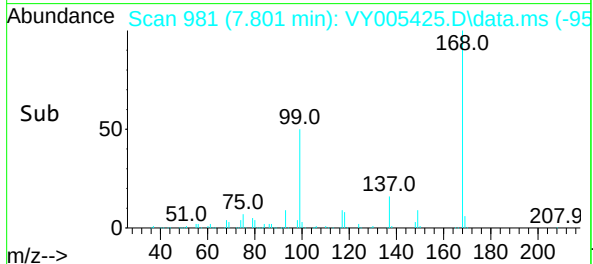
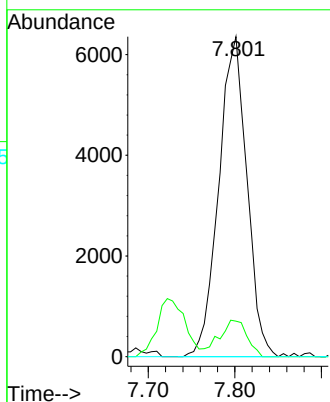
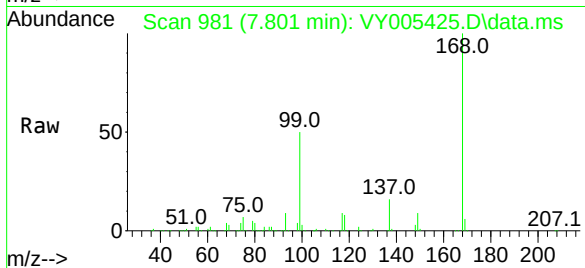




#36
1,1-Dichloropropene
Concen: 4.154 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

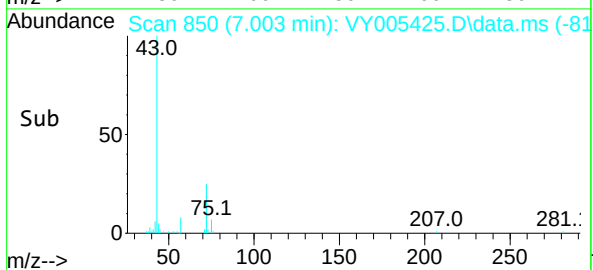
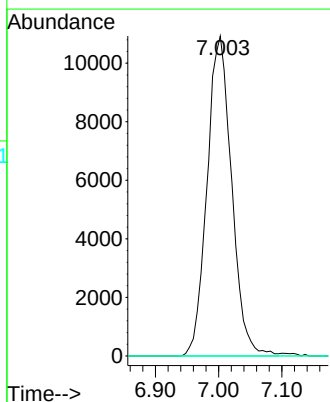
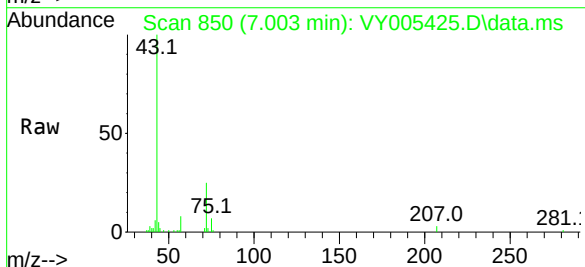
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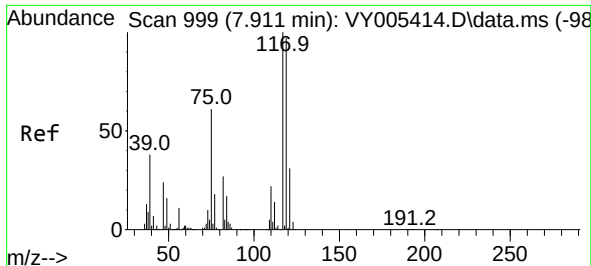
Tgt Ion: 75 Resp: 14333
Ion Ratio Lower Upper
75 100
110 11.1 17.6 52.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 14.060 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.085 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

Tgt Ion: 43 Resp: 29531
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 7.9 11.9#

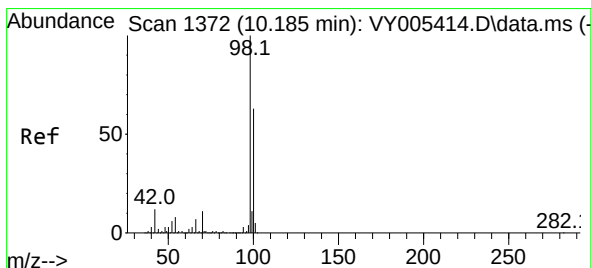
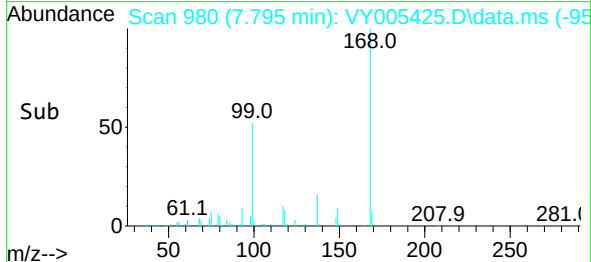
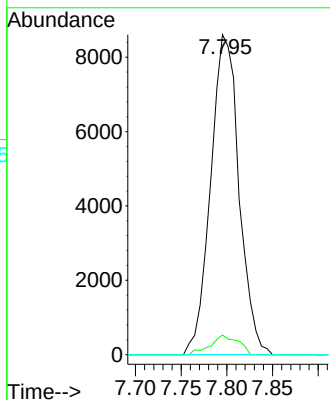
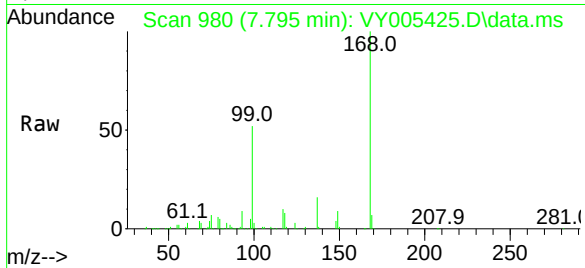




#38
Carbon Tetrachloride
Concen: 4.929 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

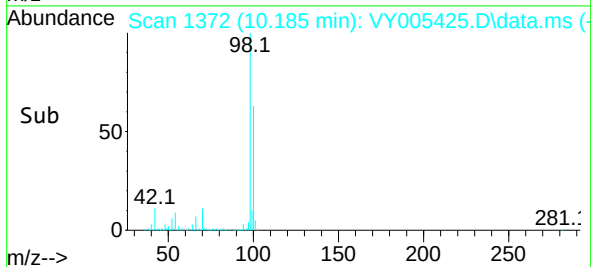
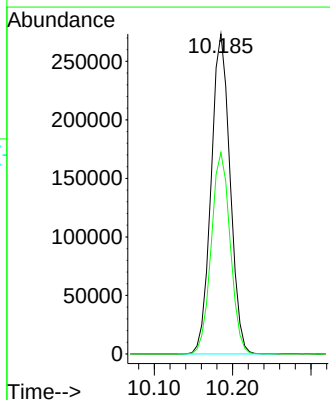
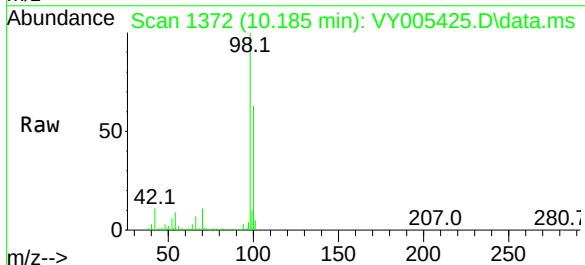
Instrument :
MSVOA_Y
ClientSampleId :
20210726-15

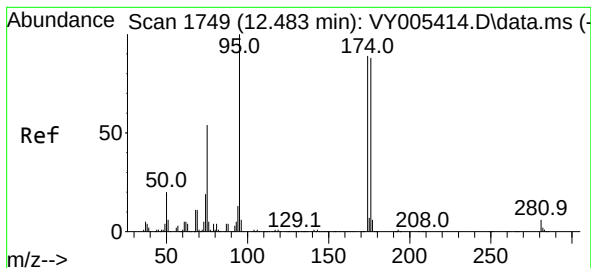
Tgt Ion:117 Resp: 18583
Ion Ratio Lower Upper
117 100
119 6.2 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.530 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

Tgt Ion: 98 Resp: 458746
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

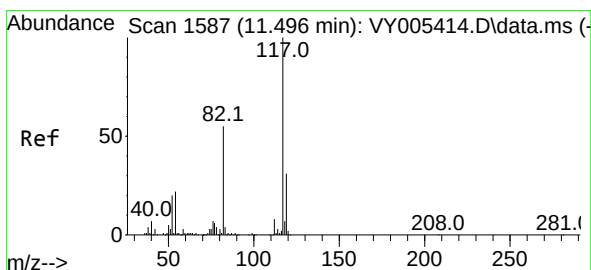
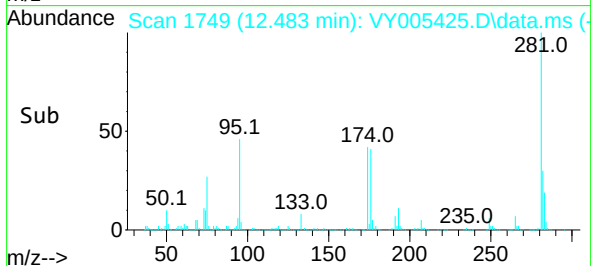
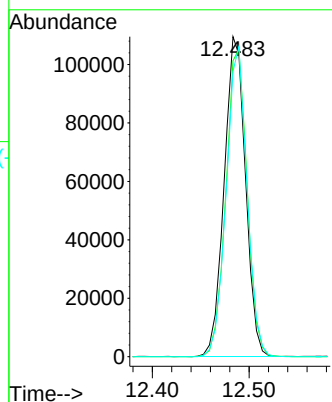
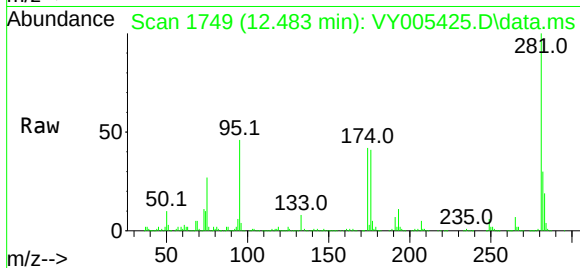




#62
4-Bromofluorobenzene
Concen: 58.038 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

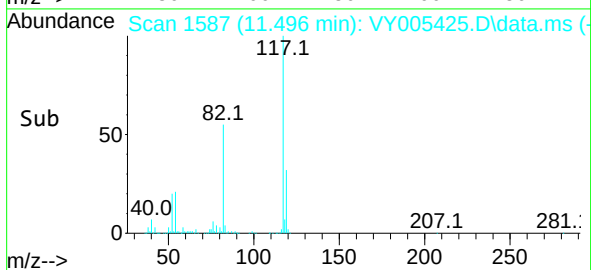
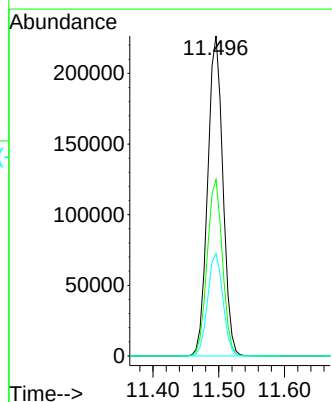
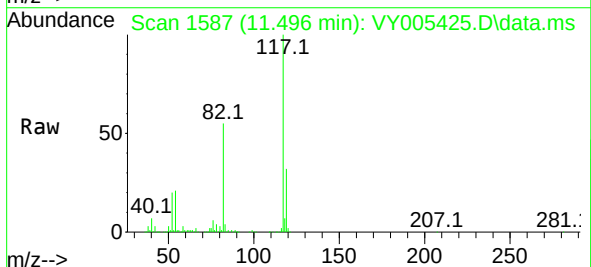
Instrument :
MSVOA_Y
ClientSampleId :
20210726-15

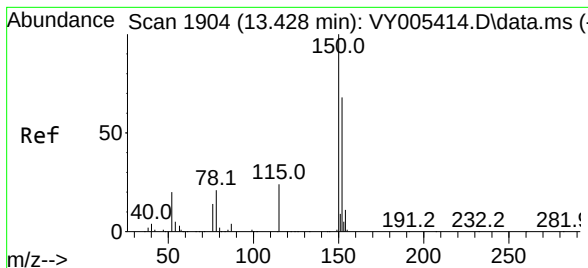
Tgt Ion: 95 Resp: 167283
Ion Ratio Lower Upper
95 100
174 95.9 0.0 186.6
176 94.4 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

Tgt Ion: 117 Resp: 364128
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.6
119 32.0 24.8 37.2

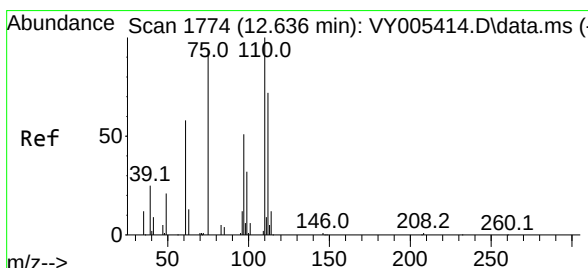
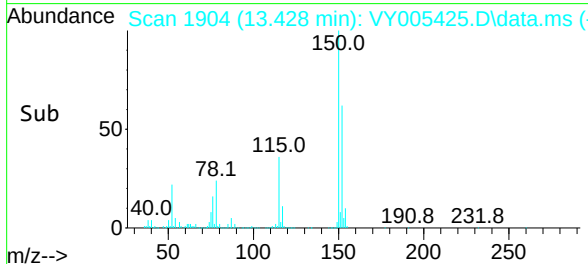
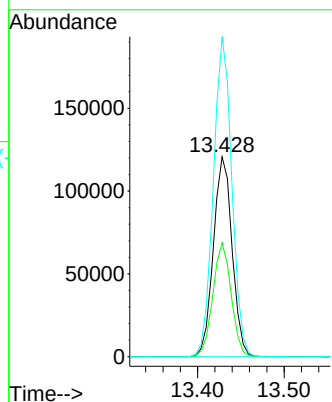
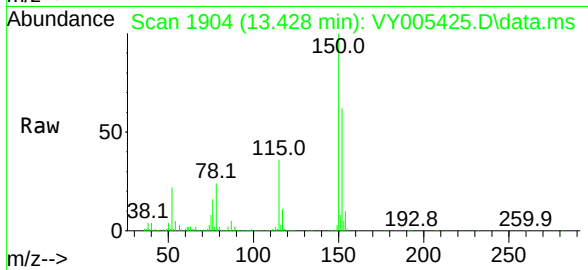




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005425.D
 Acq: 23 Jul 2021 18:59

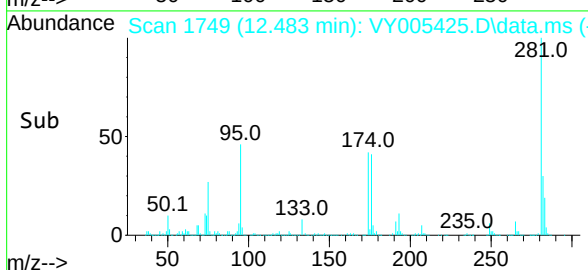
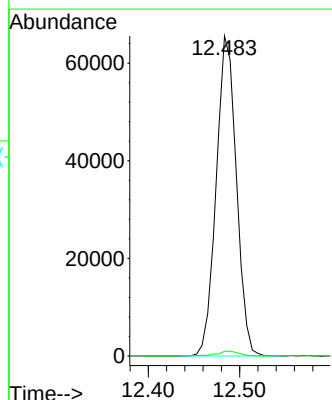
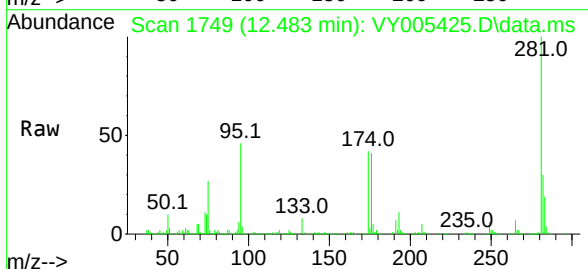
Instrument :
 MSVOA_Y
 ClientSampleId :
 20210726-15

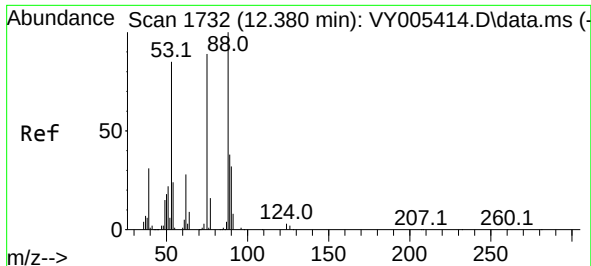
Tgt Ion:152 Resp: 181098
 Ion Ratio Lower Upper
 152 100
 115 55.6 27.7 83.1
 150 157.7 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 56.499 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005425.D
 Acq: 23 Jul 2021 18:59

Tgt Ion: 75 Resp: 100679
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#

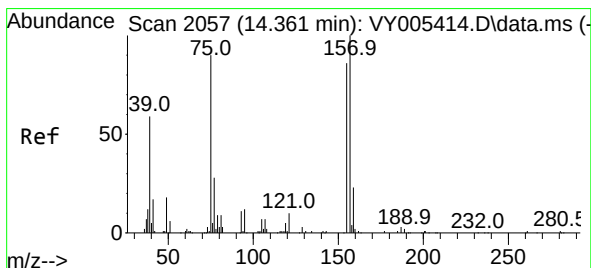
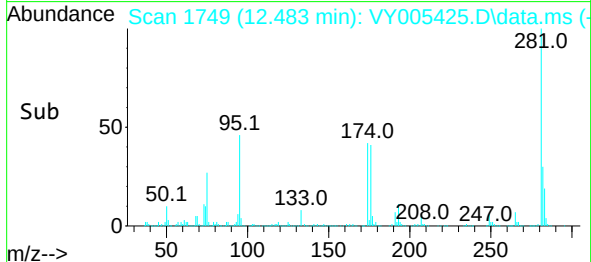
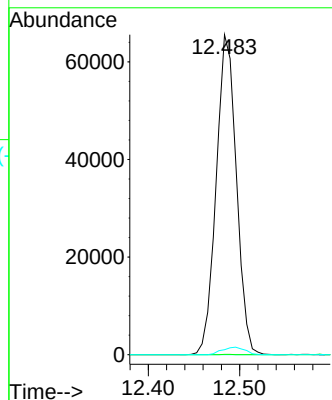
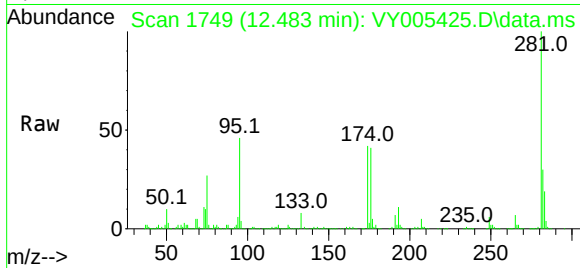




#81
trans-1,4-Dichloro-2-butene
Concen: 109.705 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

Instrument :
MSVOA_Y
ClientSampleId :
20210726-15

Tgt Ion: 75 Resp: 100679
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 2.7 36.9 55.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.195 ug/l
RT: 14.404 min Scan# 2064
Delta R.T. 0.043 min
Lab File: VY005425.D
Acq: 23 Jul 2021 18:59

Tgt Ion: 75 Resp: 1015
Ion Ratio Lower Upper
75 100
155 0.0 43.6 130.8#
157 0.0 54.1 162.3#

