

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005422.D
 Acq On : 23 Jul 2021 17:50
 Operator : SY/MD
 Sample : M3131-02
 Misc : 7.80G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210723-7

Quant Time: Jul 24 03:01:32 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)

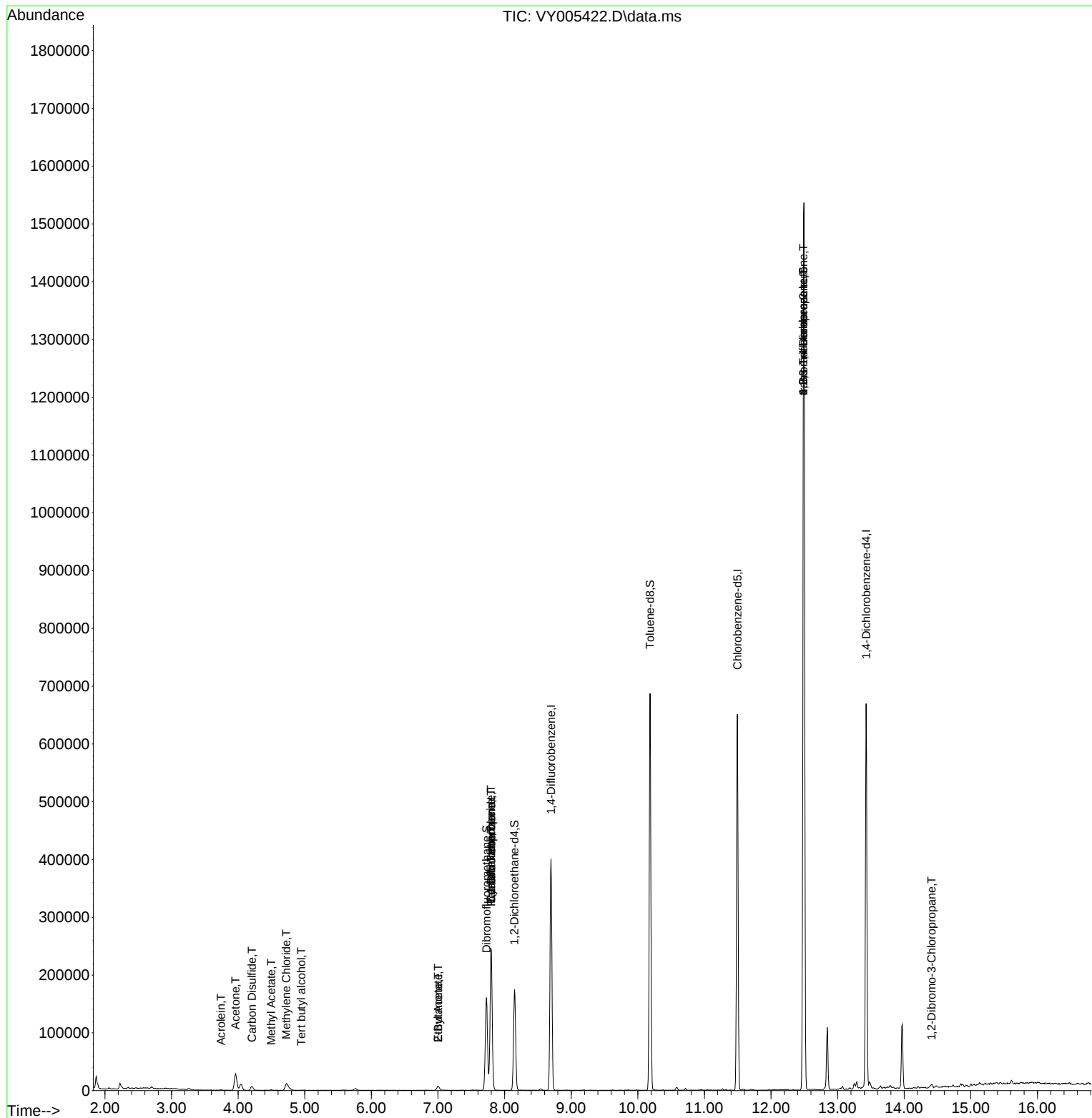
Internal Standards						
1) Pentafluorobenzene	7.801	168	199190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	342256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	347340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	142915	67.159	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.320%			
35) Dibromofluoromethane	7.728	113	106397	53.839	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.680%			
50) Toluene-d8	10.185	98	439639	52.488	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.980%			
62) 4-Bromofluorobenzene	12.483	95	160665	58.119	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.240%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	251	1.249	ug/l #	82
13) Acrolein	3.741	56	824	4.476	ug/l	91
16) Acetone	3.960	43	50325	103.554	ug/l	94
17) Carbon Disulfide	4.204	76	13327	2.116	ug/l	95
18) Methyl Acetate	4.497	43	1604	1.174	ug/l	96
20) Methylene Chloride	4.722	84	8803	2.075	ug/l	95
25) 2-Butanone	7.003	43	12107	16.636	ug/l	95
31) Cyclohexane	7.795	56	3935	1.083	ug/l #	32
36) 1,1-Dichloropropene	7.795	75	13983	4.225	ug/l #	50
37) Ethyl Acetate	7.003	43	12107	6.010	ug/l #	70
38) Carbon Tetrachloride	7.795	117	18295	5.059	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	94220	55.549	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	94220	107.861	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.410	75	1102	2.504	ug/l #	1

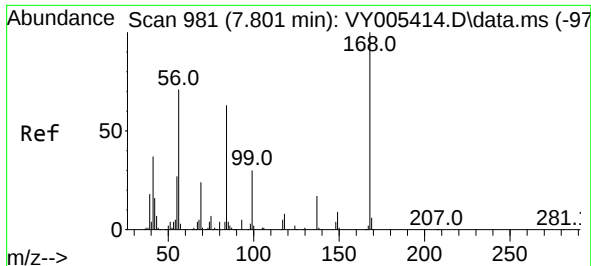
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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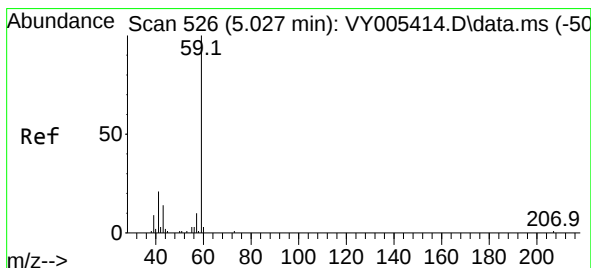
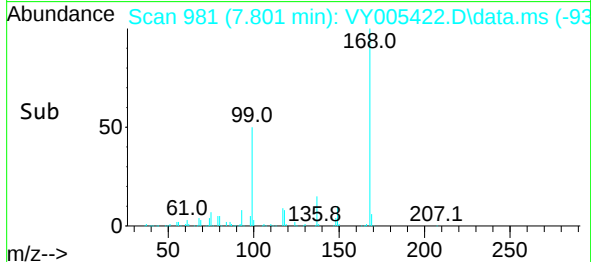
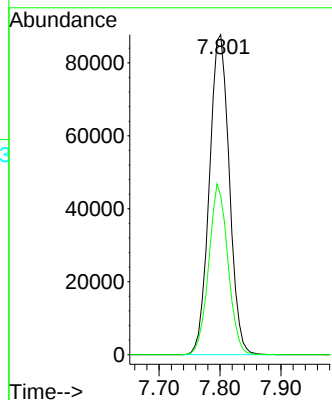
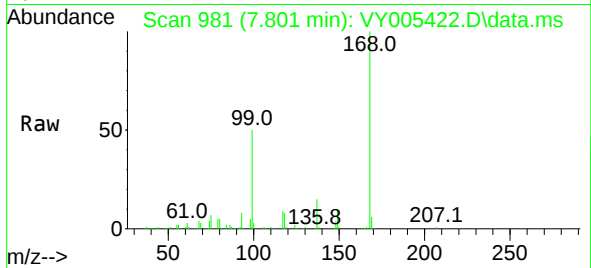




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

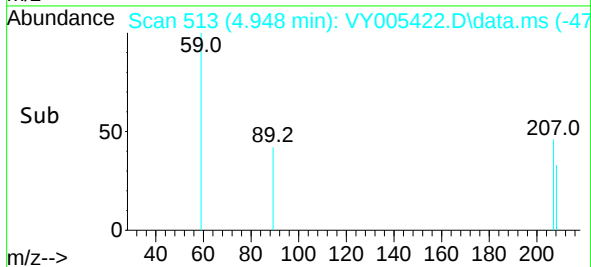
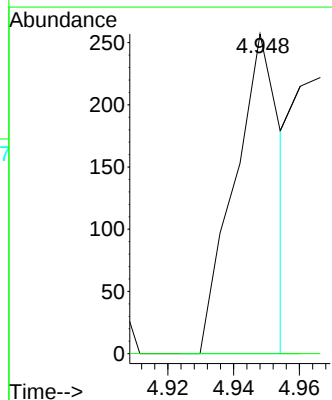
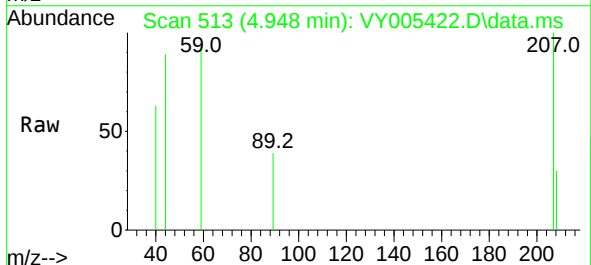
Instrument :
MSVOA_Y
ClientSampleId :
20210723-7

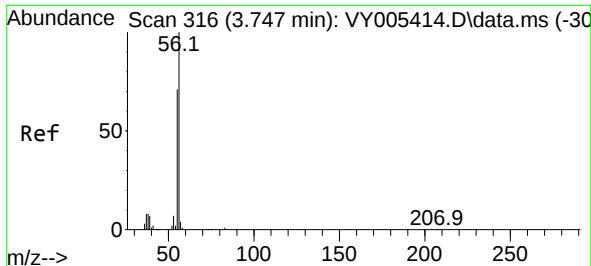
Tgt Ion:168 Resp: 199190
Ion Ratio Lower Upper
168 100
99 49.6 39.8 59.6



#11
Tert butyl alcohol
Concen: 1.249 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.079 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

Tgt Ion: 59 Resp: 251
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

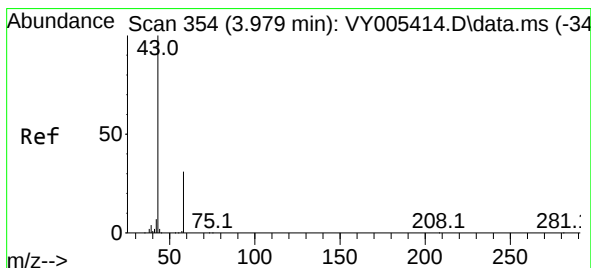
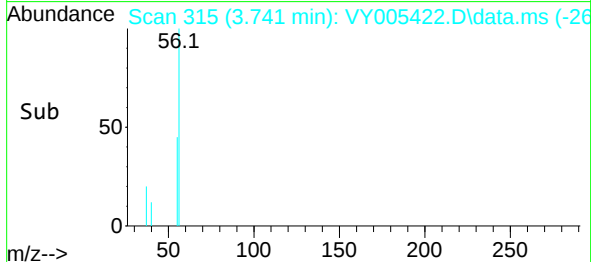
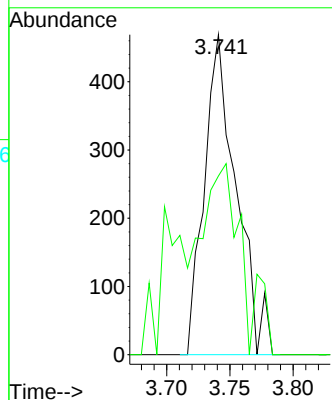
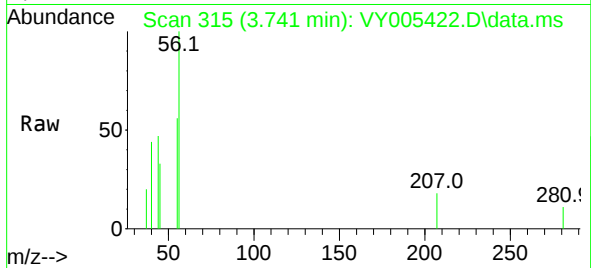




#13
Acrolein
Concen: 4.476 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

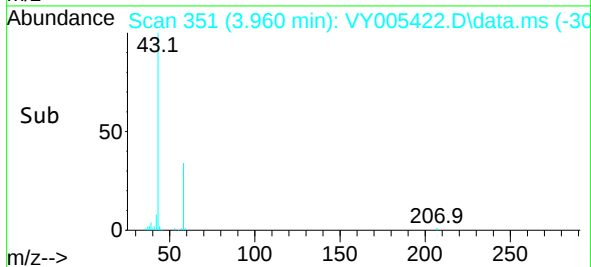
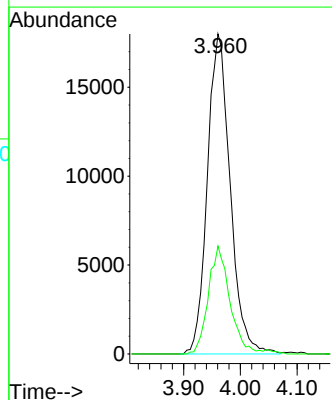
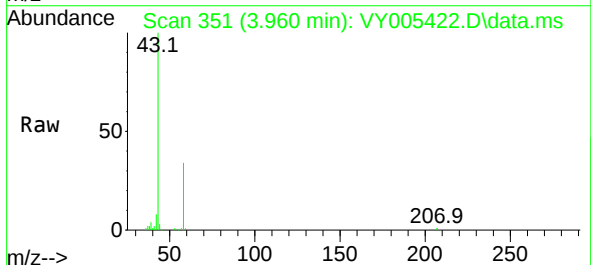
Instrument :
MSVOA_Y
ClientSampleId :
20210723-7

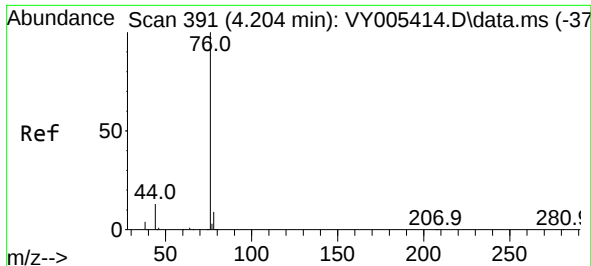
Tgt Ion: 56 Resp: 824
Ion Ratio Lower Upper
56 100
55 76.6 55.2 82.8



#16
Acetone
Concen: 103.554 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

Tgt Ion: 43 Resp: 50325
Ion Ratio Lower Upper
43 100
58 33.7 24.5 36.7

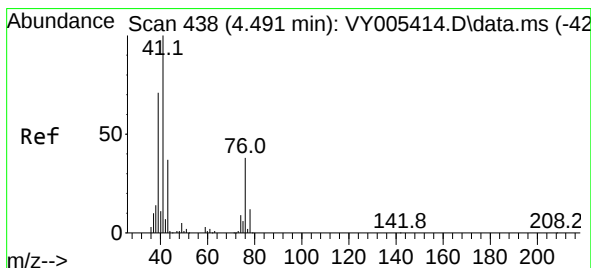
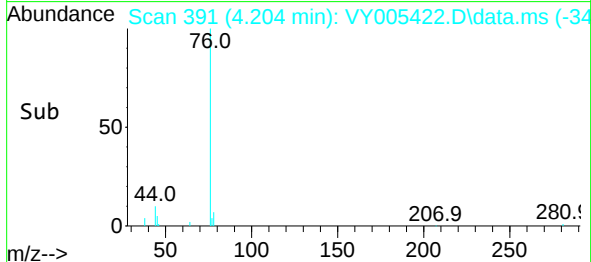
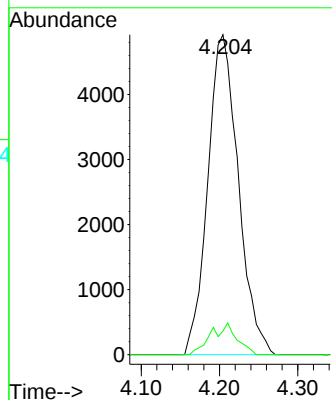
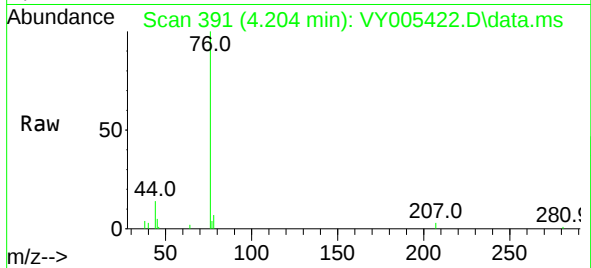




#17
Carbon Disulfide
Concen: 2.116 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

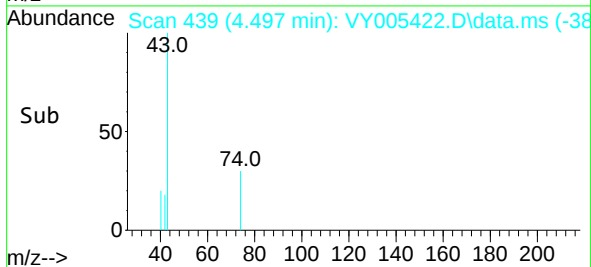
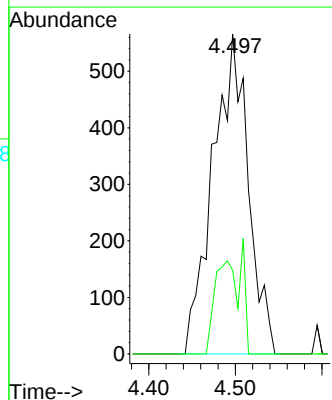
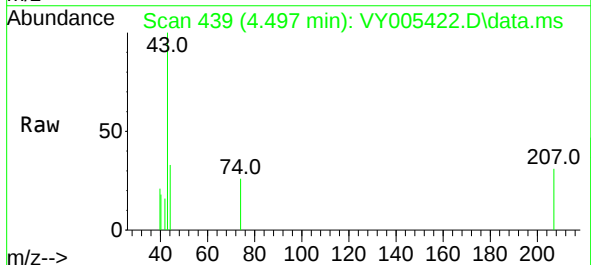
Instrument :
MSVOA_Y
ClientSampleId :
20210723-7

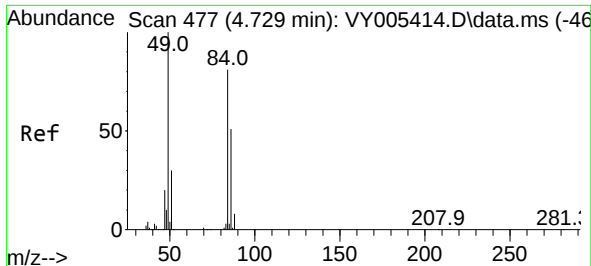
Tgt Ion: 76 Resp: 13327
Ion Ratio Lower Upper
76 100
78 7.4 7.3 10.9



#18
Methyl Acetate
Concen: 1.174 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

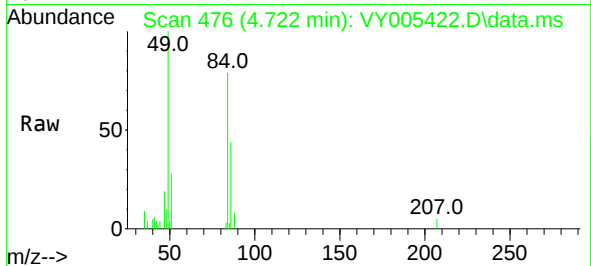
Tgt Ion: 43 Resp: 1604
Ion Ratio Lower Upper
43 100
74 22.1 19.2 28.8



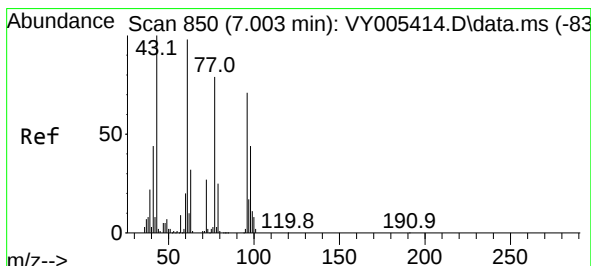
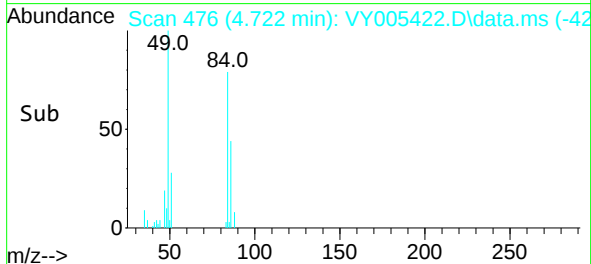
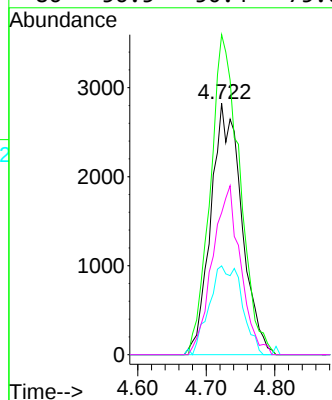


#20
Methylene Chloride
Concen: 2.075 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

Instrument :
MSVOA_Y
ClientSampleId :
20210723-7

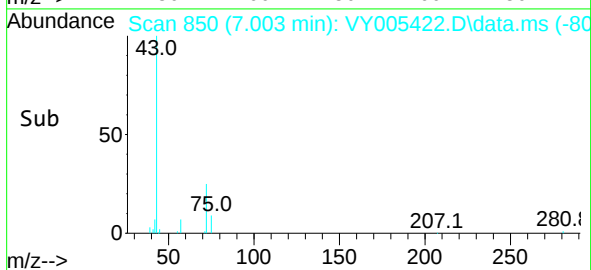
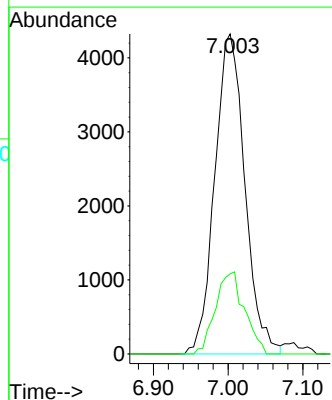
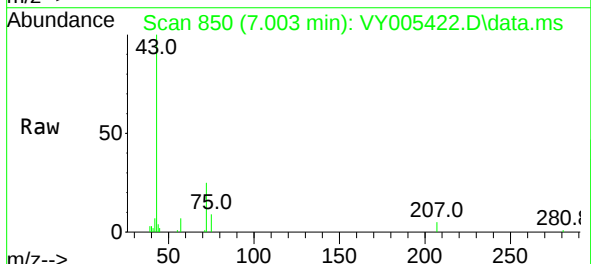


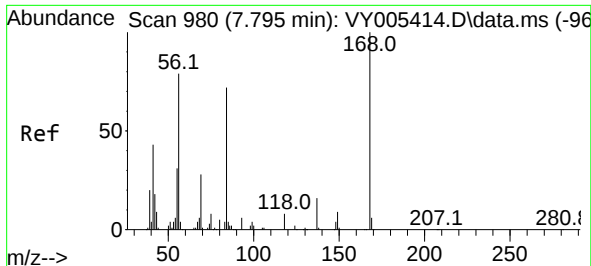
Tgt Ion:	84	Resp:	8803
Ion	Ratio	Lower	Upper
84	100		
49	127.3	98.9	148.3
51	35.3	30.0	45.0
86	56.5	50.4	75.6



#25
2-Butanone
Concen: 16.636 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

Tgt Ion:	43	Resp:	12107
Ion	Ratio	Lower	Upper
43	100		
72	25.0	21.9	32.9

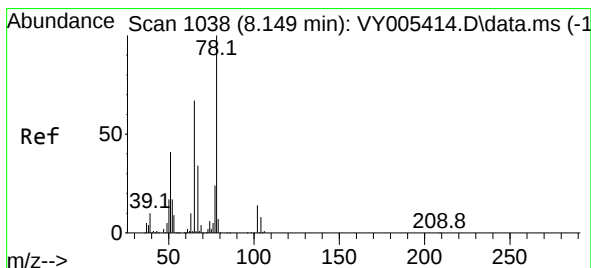
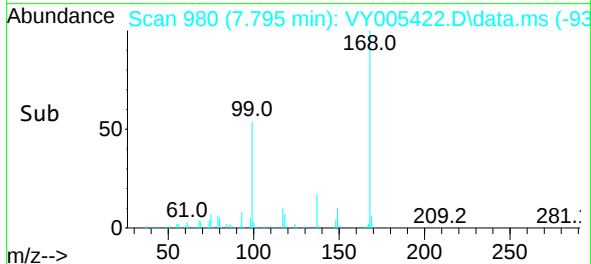
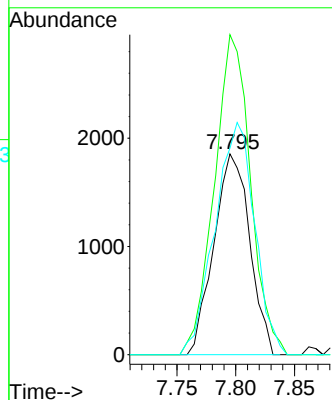
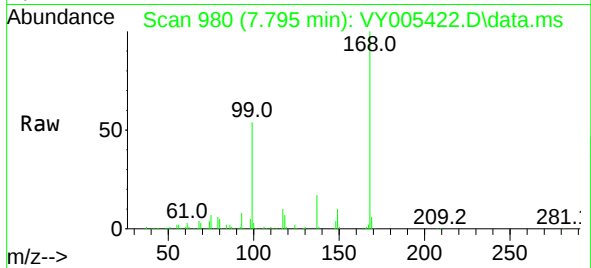




#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

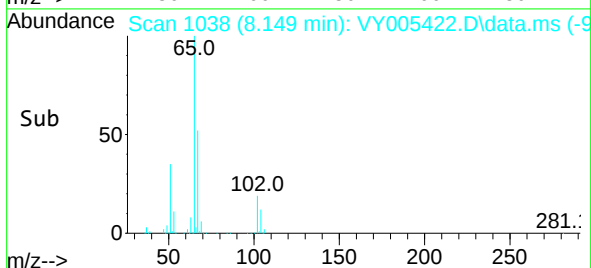
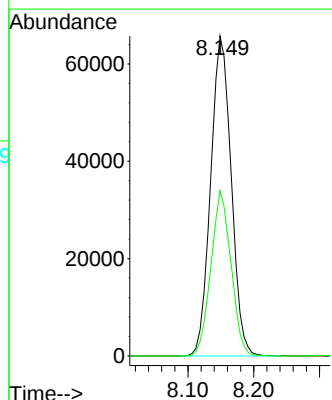
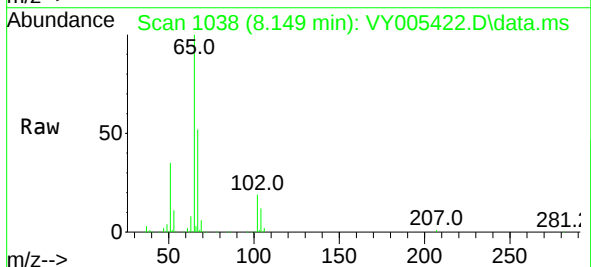
Instrument :
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ClientSampleId :
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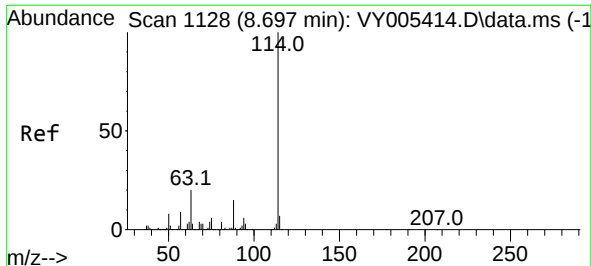
Tgt Ion: 56 Resp: 3935
Ion Ratio Lower Upper
56 100
69 159.3 28.7 43.1#
84 102.9 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 67.159 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

Tgt Ion: 65 Resp: 142915
Ion Ratio Lower Upper
65 100
67 50.5 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: VY005422.D

Acq: 23 Jul 2021 17:50

Tgt Ion:114 Resp: 342256

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

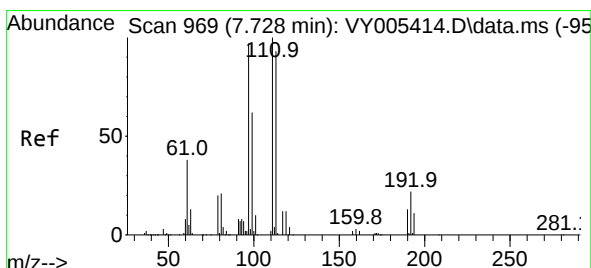
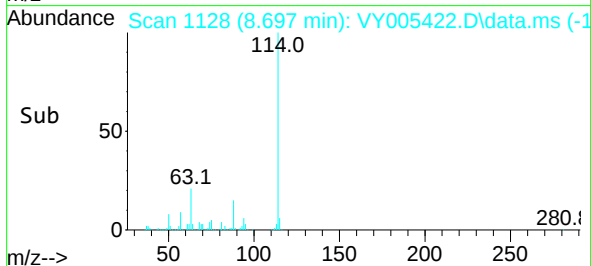
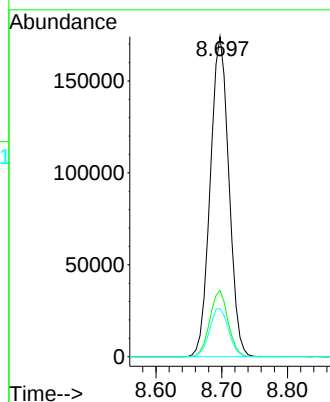
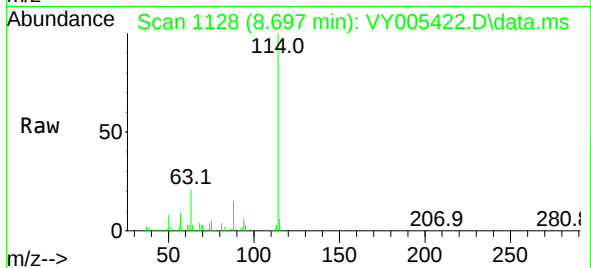
88 15.1 0.0 30.8

Instrument :

MSVOA_Y

ClientSampleId :

20210723-7



#35

Dibromofluoromethane

Concen: 53.839 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY005422.D

Acq: 23 Jul 2021 17:50

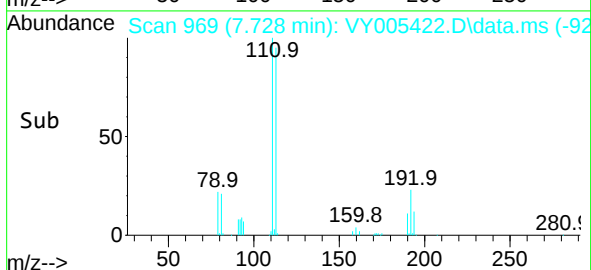
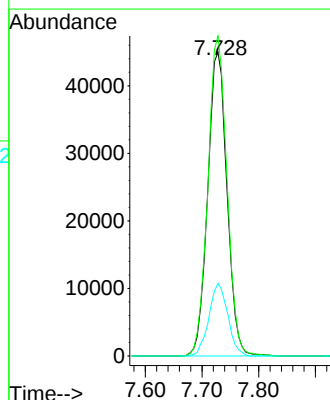
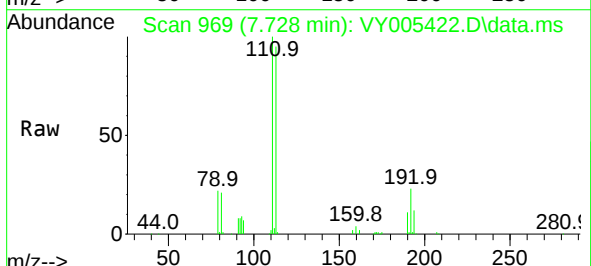
Tgt Ion:113 Resp: 106397

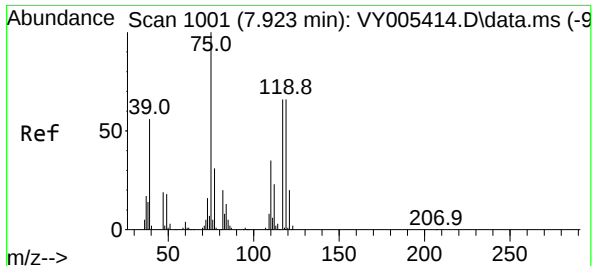
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 23.4 18.9 28.3

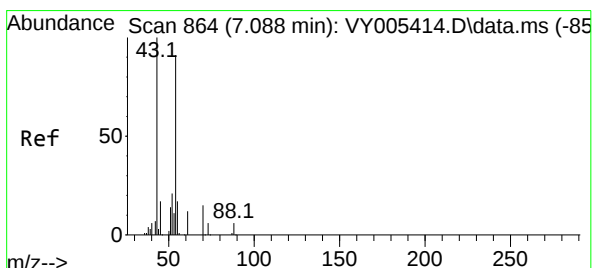
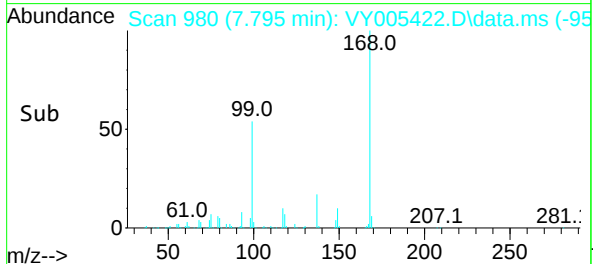
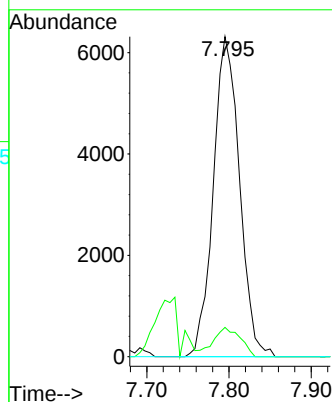
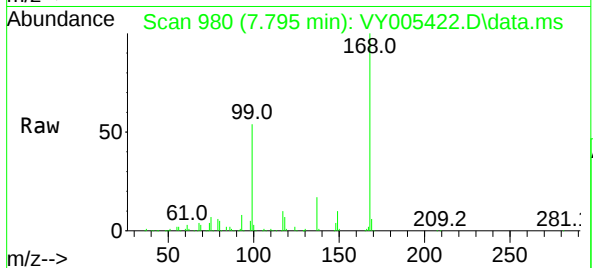




#36
1,1-Dichloropropene
Concen: 4.225 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

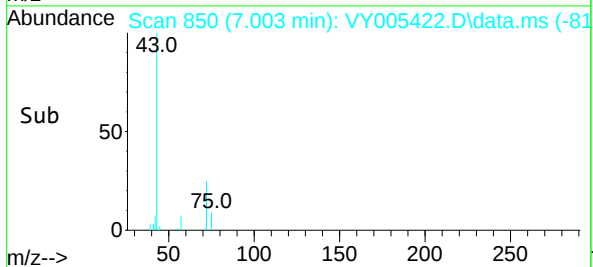
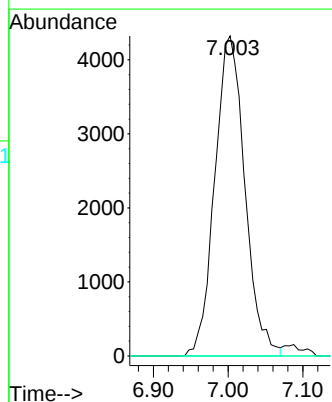
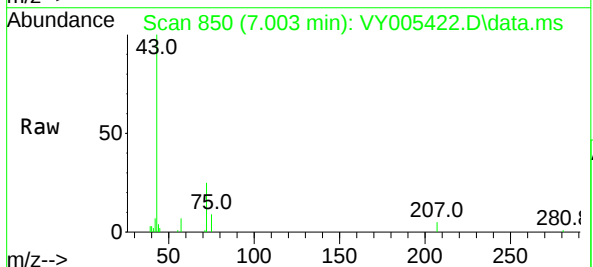
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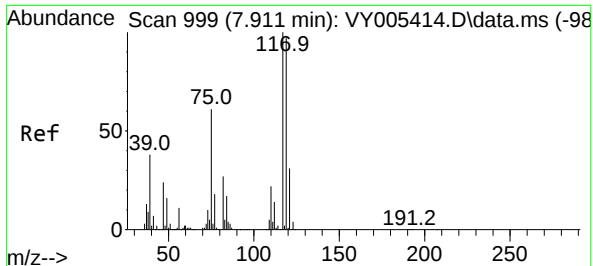
Tgt Ion: 75 Resp: 13983
Ion Ratio Lower Upper
75 100
110 9.3 17.6 52.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 6.010 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.085 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

Tgt Ion: 43 Resp: 12107
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 7.9 11.9#

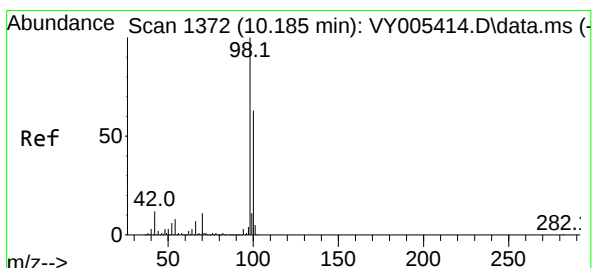
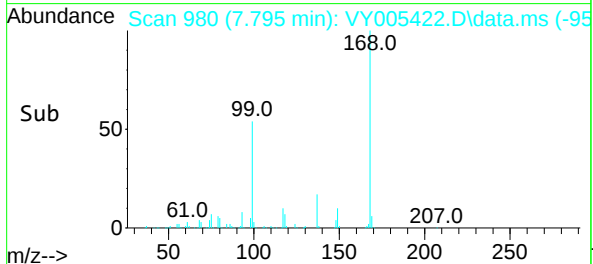
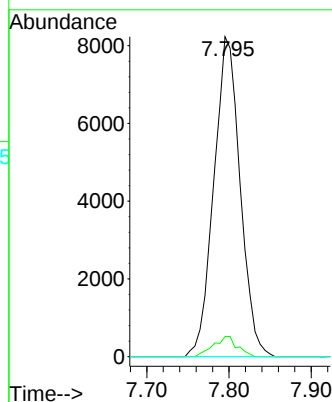
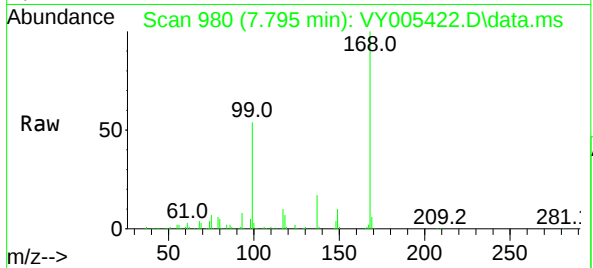




#38
Carbon Tetrachloride
Concen: 5.059 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

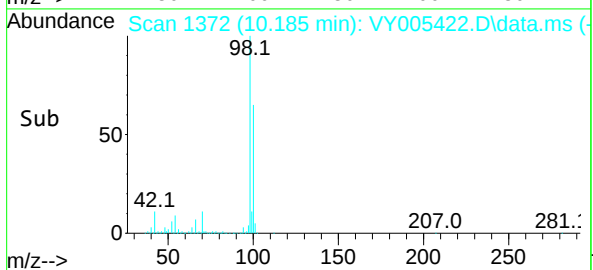
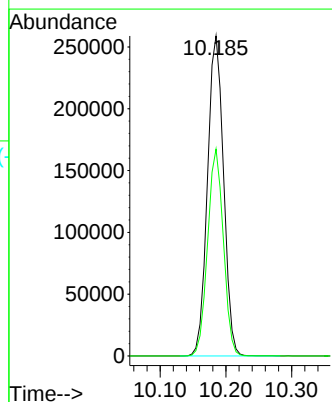
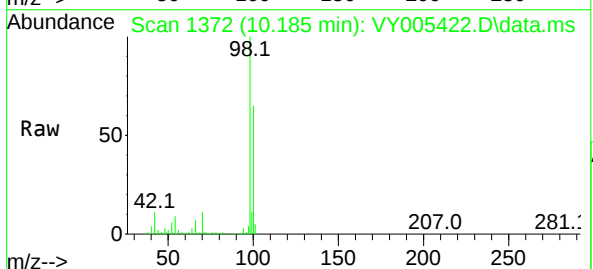
Instrument :
MSVOA_Y
ClientSampleId :
20210723-7

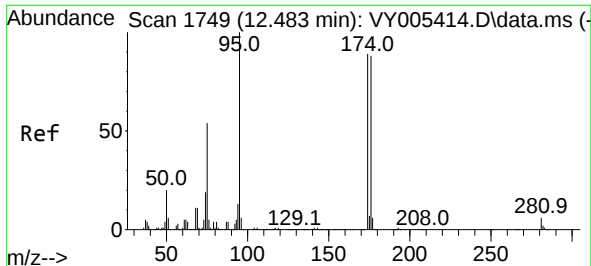
Tgt Ion:117 Resp: 18295
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.488 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

Tgt Ion: 98 Resp: 439639
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

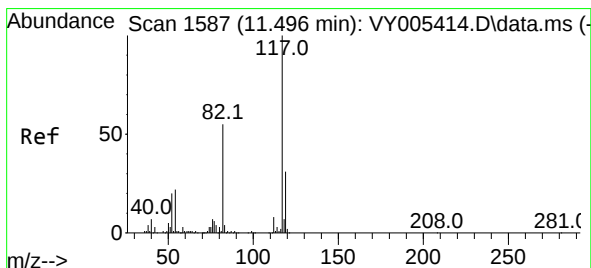
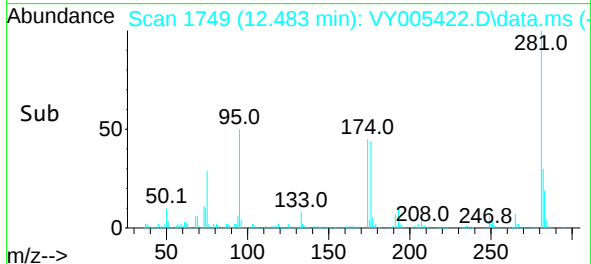
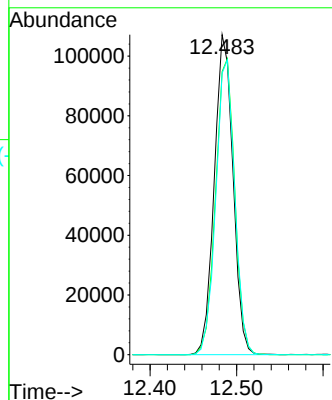
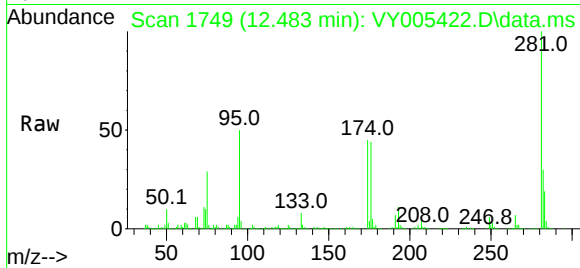




#62
4-Bromofluorobenzene
Concen: 58.119 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

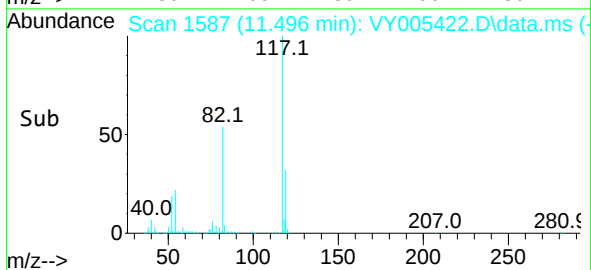
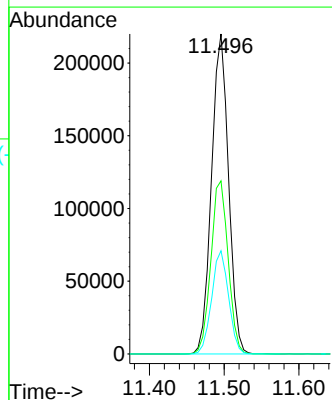
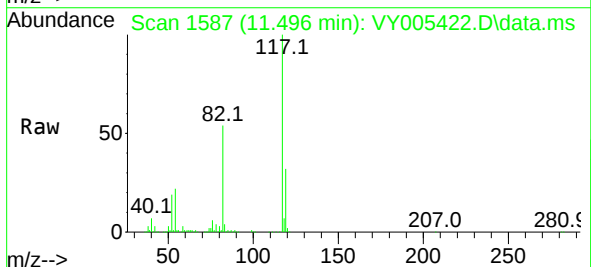
Instrument :
MSVOA_Y
ClientSampleId :
20210723-7

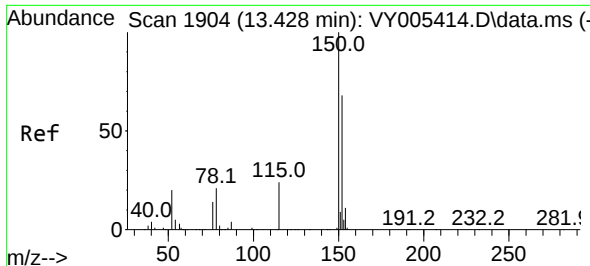
Tgt Ion: 95 Resp: 160665
Ion Ratio Lower Upper
95 100
174 94.3 0.0 186.6
176 92.8 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005422.D
Acq: 23 Jul 2021 17:50

Tgt Ion: 117 Resp: 347340
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.6
119 32.2 24.8 37.2

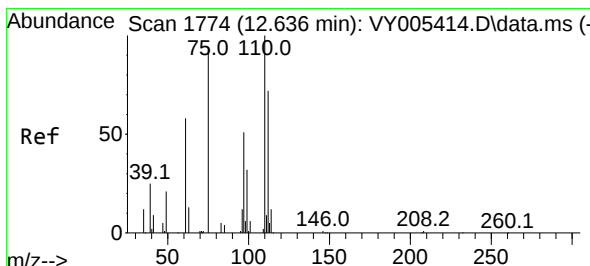
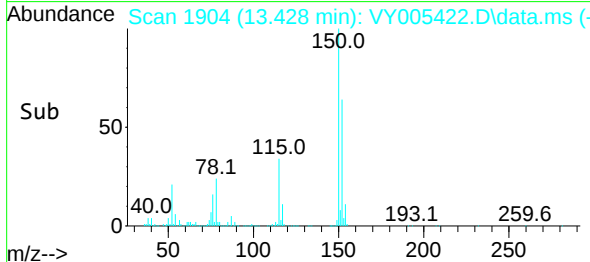
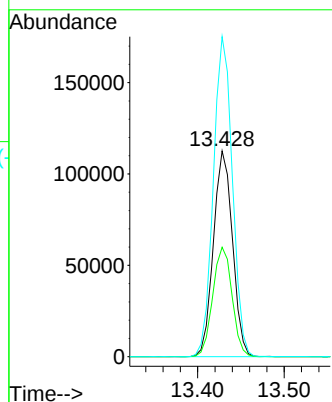
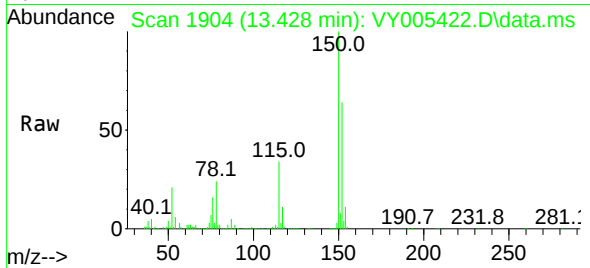




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005422.D
 Acq: 23 Jul 2021 17:50

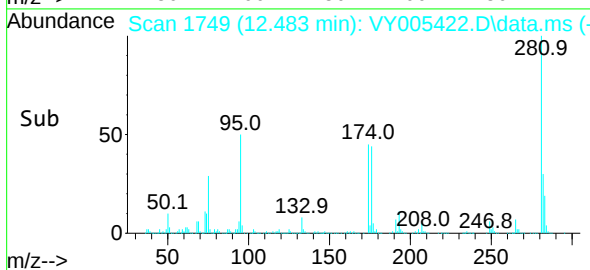
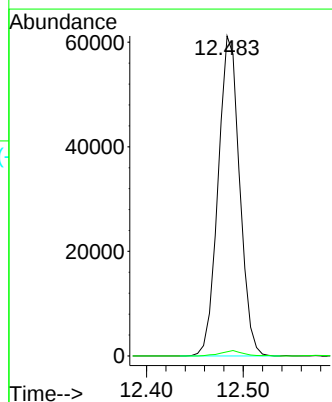
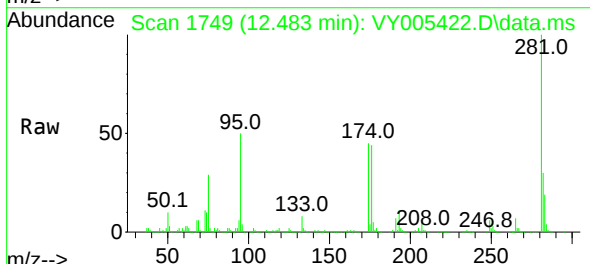
Instrument :
 MSVOA_Y
 ClientSampleId :
 20210723-7

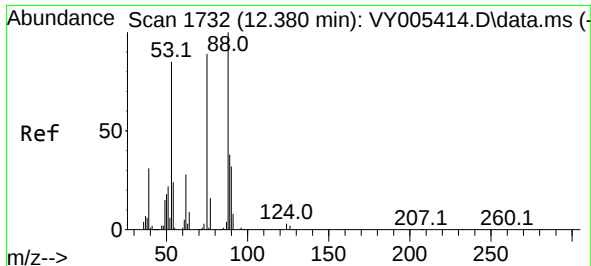
Tgt Ion:152 Resp: 172377
 Ion Ratio Lower Upper
 152 100
 115 53.8 27.7 83.1
 150 155.1 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 55.549 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005422.D
 Acq: 23 Jul 2021 17:50

Tgt Ion: 75 Resp: 94220
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#

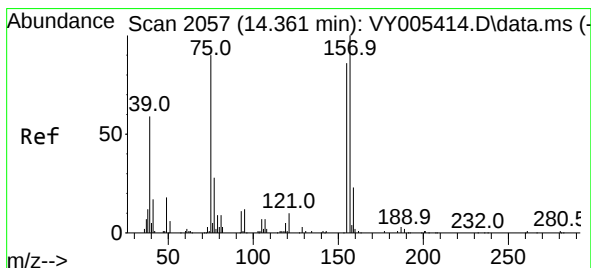
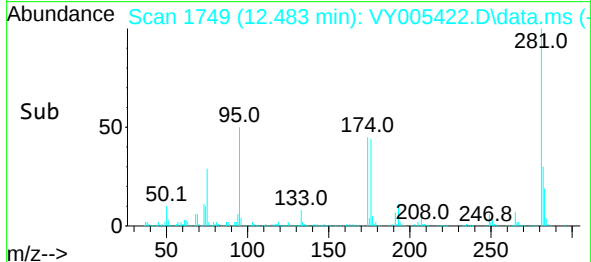
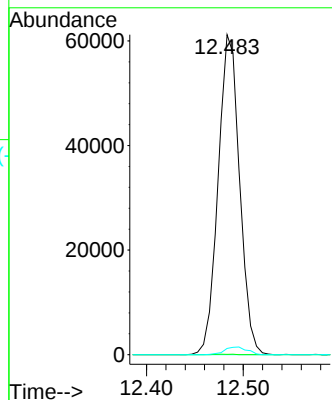
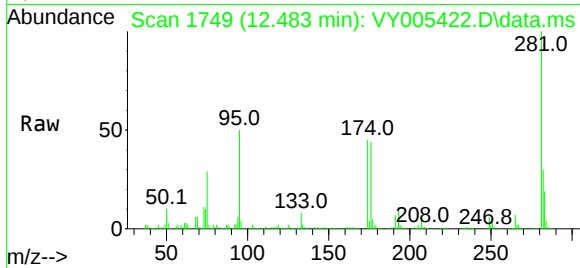




#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.861 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005422.D
 Acq: 23 Jul 2021 17:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210723-7

Tgt Ion: 75 Resp: 94220
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.1 114.1#
 89 2.5 36.9 55.3#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.504 ug/l
 RT: 14.410 min Scan# 2065
 Delta R.T. 0.049 min
 Lab File: VY005422.D
 Acq: 23 Jul 2021 17:50

Tgt Ion: 75 Resp: 1102
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.6 130.8#
 157 0.0 54.1 162.3#

