

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005421.D
 Acq On : 23 Jul 2021 17:26
 Operator : SY/MD
 Sample : M3131-01
 Misc : 6.93G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210724-4

Quant Time: Jul 24 03:01:15 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)

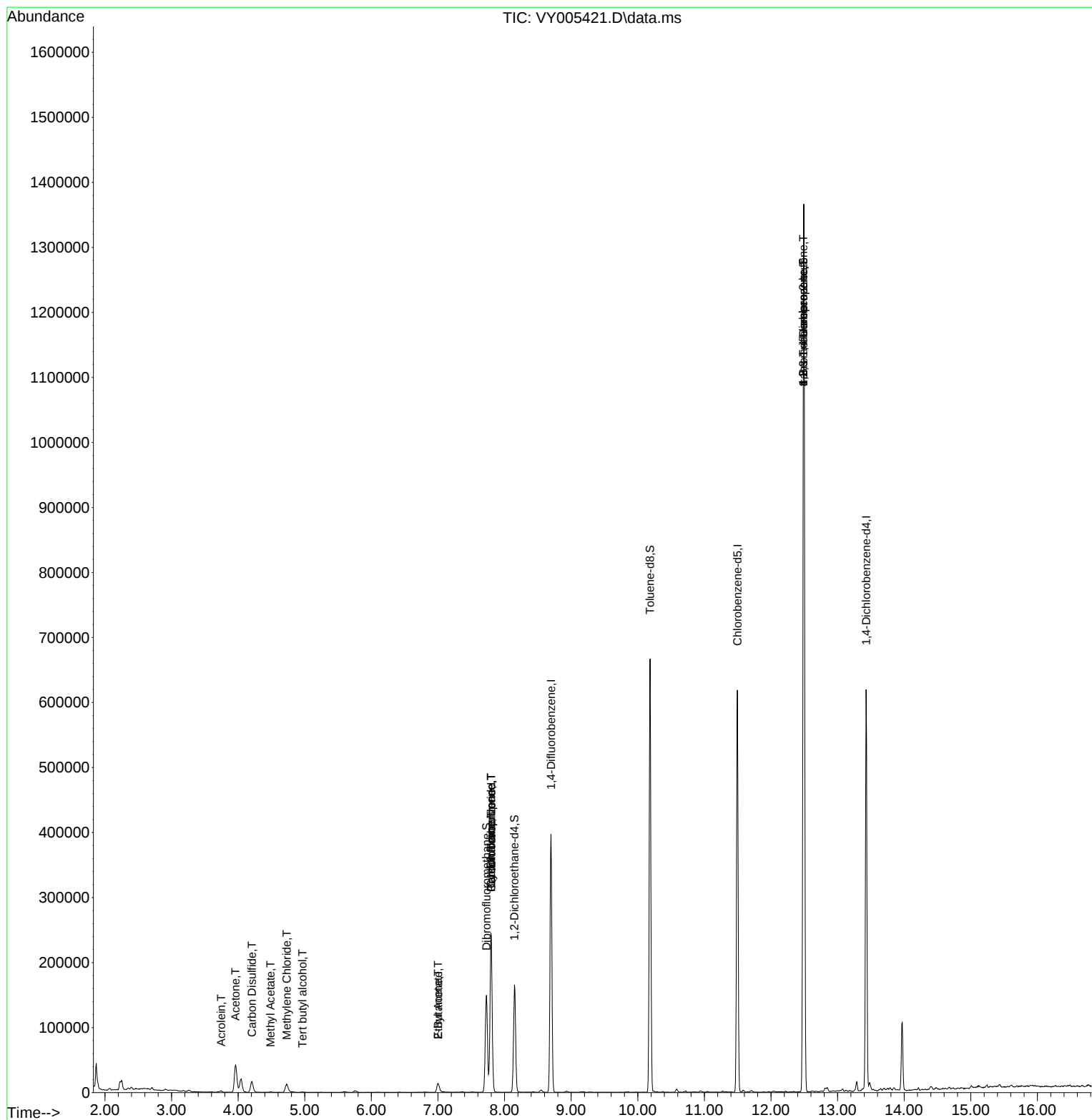
Internal Standards						
1) Pentafluorobenzene	7.801	168	196719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	328857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	132890	63.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.460%	
35) Dibromofluoromethane	7.728	113	99878	51.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.840%	
50) Toluene-d8	10.185	98	427042	52.378	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.760%	
62) 4-Bromofluorobenzene	12.483	95	147719	54.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	1323	6.664	ug/l #	82
13) Acrolein	3.747	56	2230	12.266	ug/l #	30
16) Acetone	3.961	43	73994	154.171	ug/l	97
17) Carbon Disulfide	4.204	76	32660	5.251	ug/l	99
18) Methyl Acetate	4.485	43	1638	1.214	ug/l #	76
20) Methylene Chloride	4.729	84	8701	2.077	ug/l	93
25) 2-Butanone	7.003	43	21252	29.569	ug/l	99
31) Cyclohexane	7.795	56	4130	1.151	ug/l #	29
36) 1,1-Dichloropropene	7.795	75	13803	4.285	ug/l #	51
37) Ethyl Acetate	7.003	43	21252	10.838	ug/l #	70
38) Carbon Tetrachloride	7.801	117	17994	5.112	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	86959	56.100	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	86959	108.931	ug/l #	13

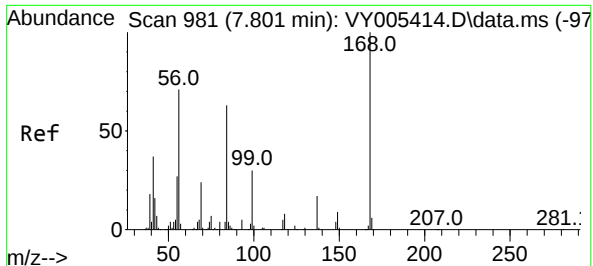
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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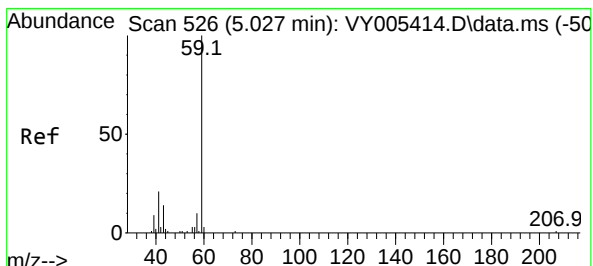
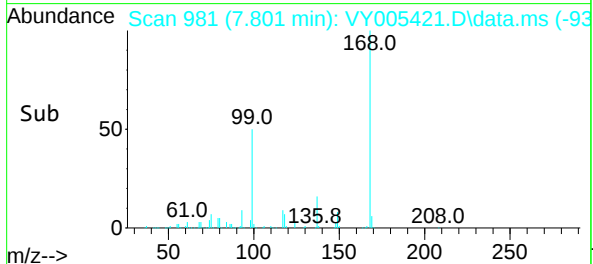
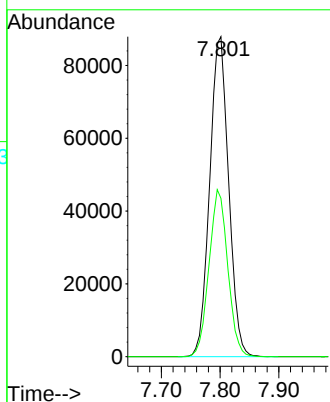
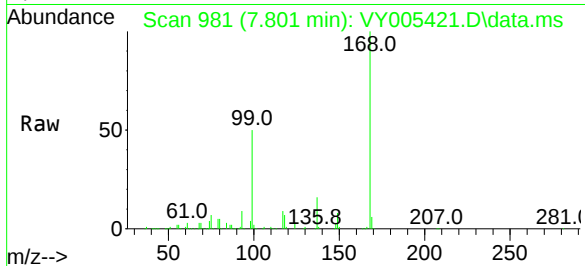




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

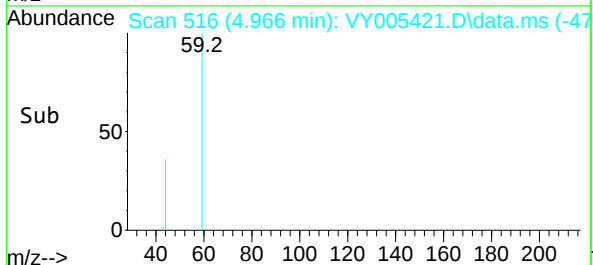
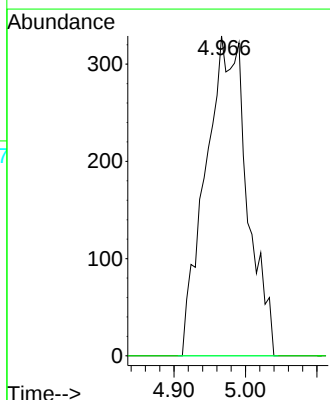
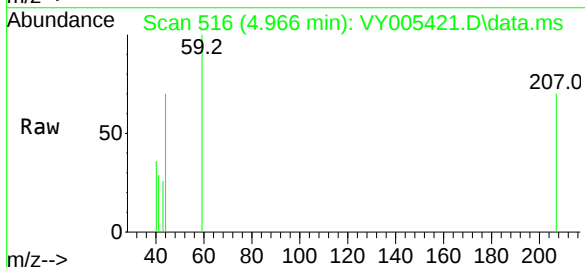
Instrument :
MSVOA_Y
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20210724-4

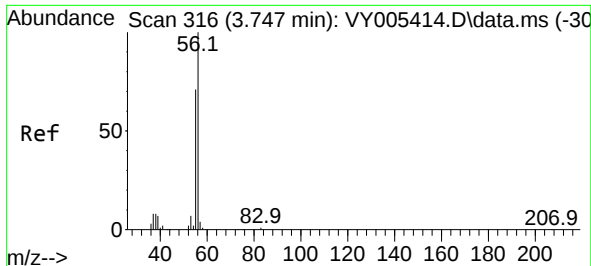
Tgt Ion:168 Resp: 196719
Ion Ratio Lower Upper
168 100
99 49.5 39.8 59.6



#11
Tert butyl alcohol
Concen: 6.664 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.061 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

Tgt Ion: 59 Resp: 1323
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

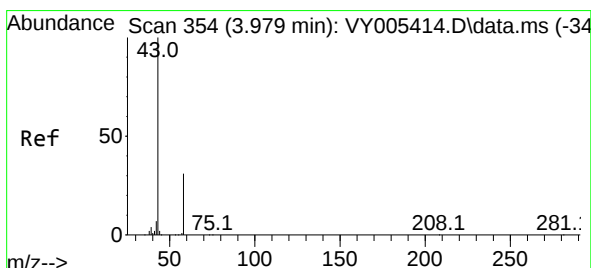
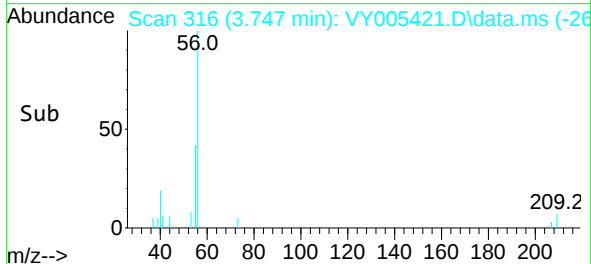
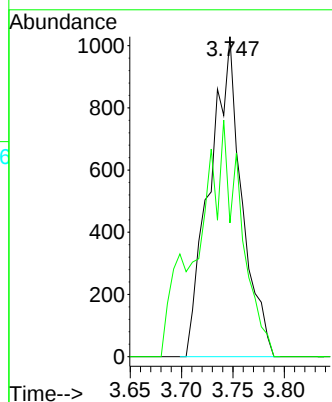
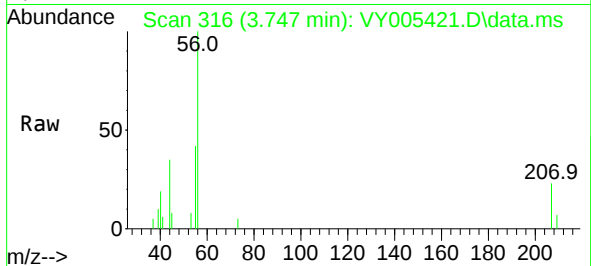




#13
Acrolein
Concen: 12.266 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

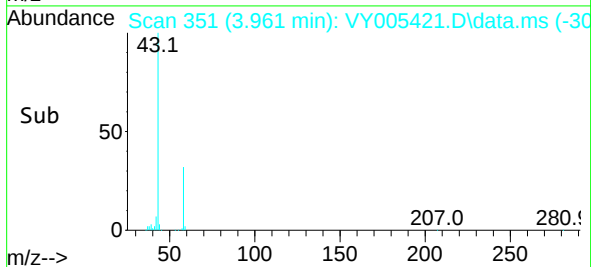
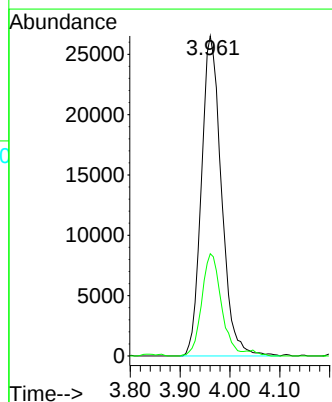
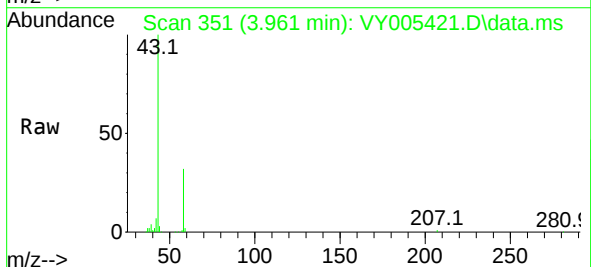
Instrument :
MSVOA_Y
ClientSampleId :
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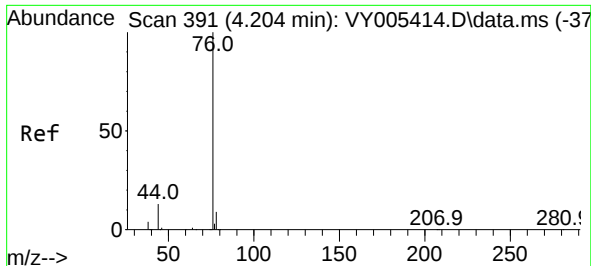
Tgt Ion: 56 Resp: 2230
Ion Ratio Lower Upper
56 100
55 12.3 55.2 82.8#



#16
Acetone
Concen: 154.171 ug/l
RT: 3.961 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

Tgt Ion: 43 Resp: 73994
Ion Ratio Lower Upper
43 100
58 32.0 24.5 36.7

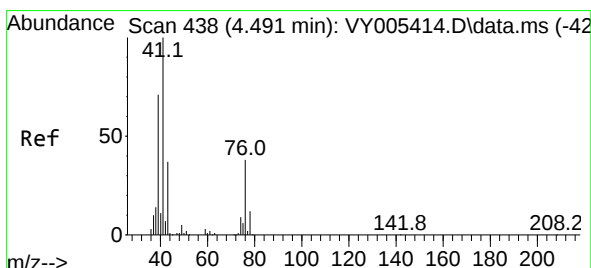
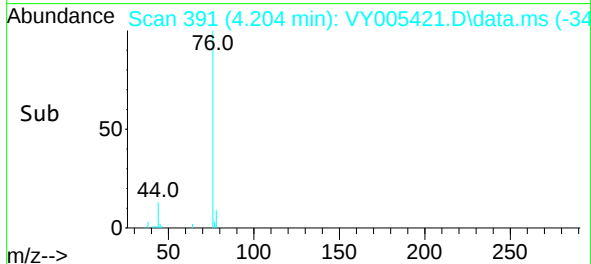
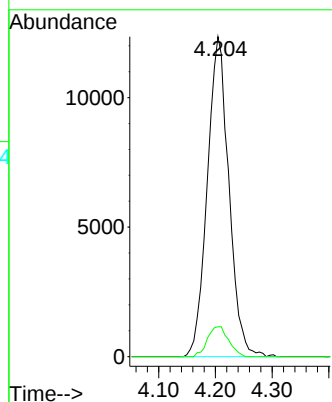
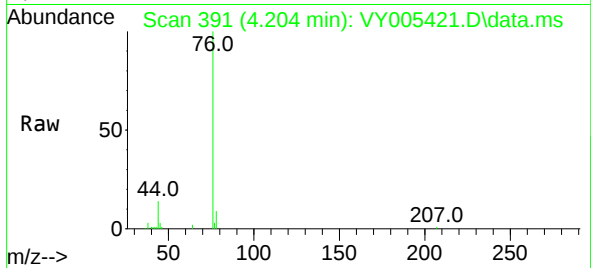




#17
Carbon Disulfide
Concen: 5.251 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

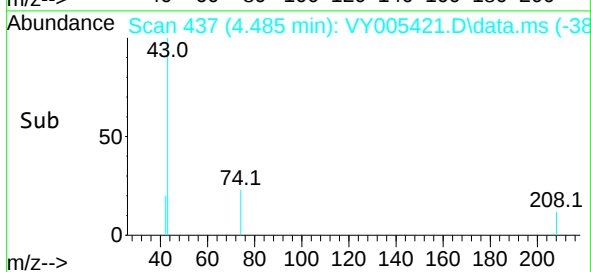
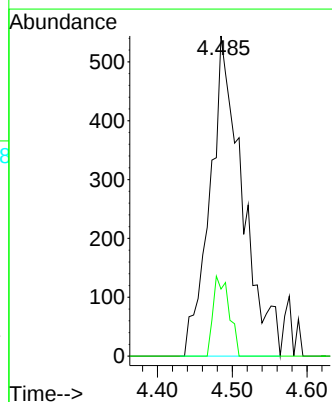
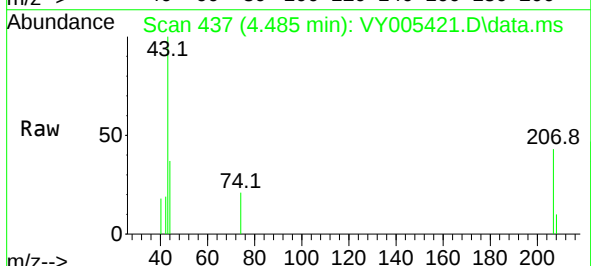
Instrument :
MSVOA_Y
ClientSampleId :
20210724-4

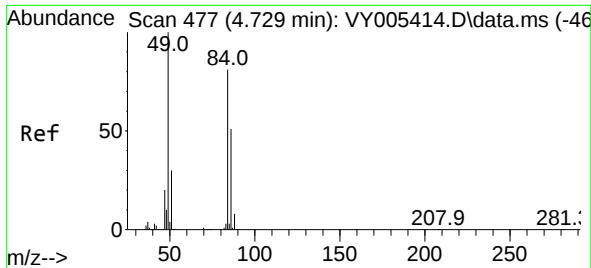
Tgt Ion: 76 Resp: 32660
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 1.214 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

Tgt Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
74 12.3 19.2 28.8#

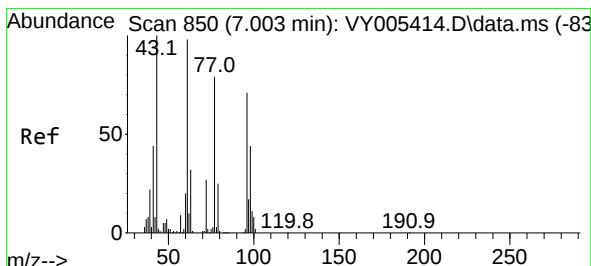
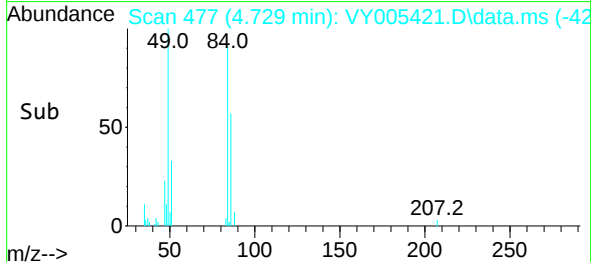
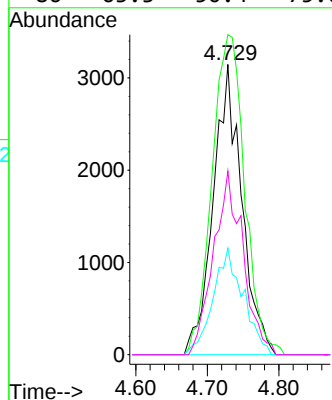
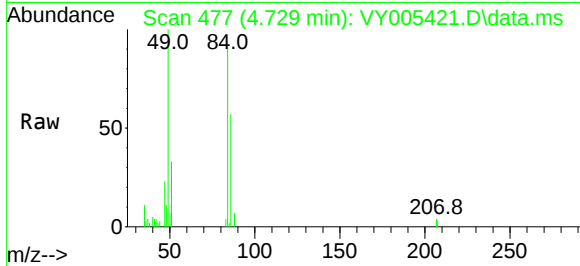




#20
Methylene Chloride
Concen: 2.077 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

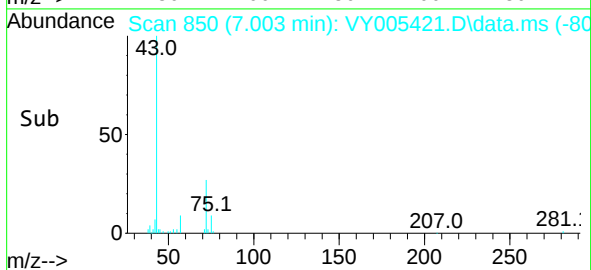
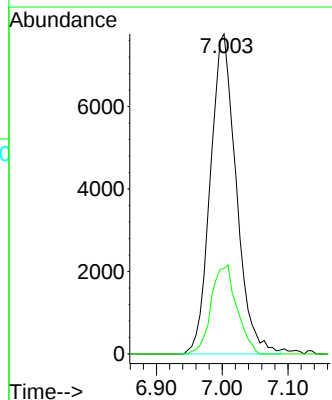
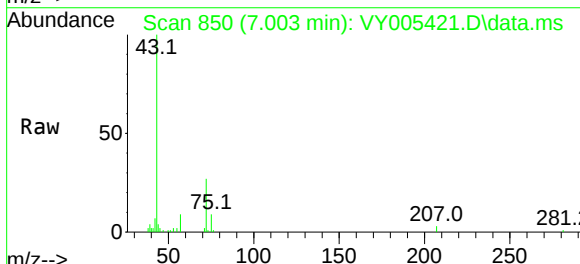
Instrument :
MSVOA_Y
ClientSampleId :
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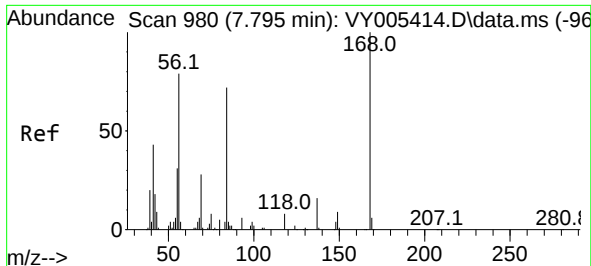
Tgt Ion:	84	Resp:	8701
Ion	Ratio	Lower	Upper
84	100		
49	110.3	98.9	148.3
51	36.7	30.0	45.0
86	63.3	50.4	75.6



#25
2-Butanone
Concen: 29.569 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

Tgt Ion:	43	Resp:	21252
Ion	Ratio	Lower	Upper
43	100		
72	26.8	21.9	32.9

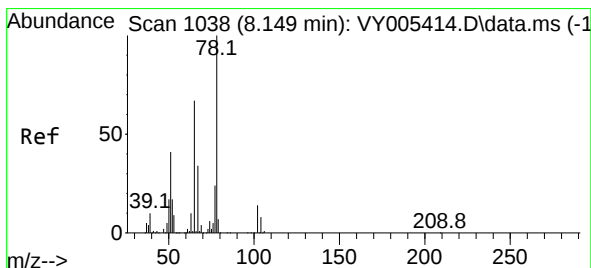
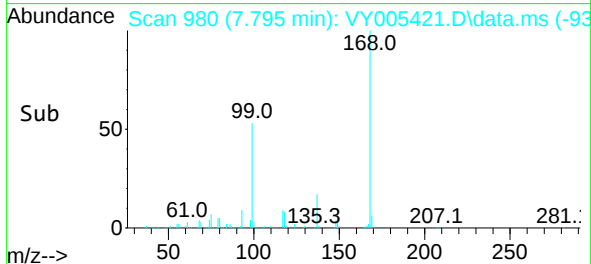
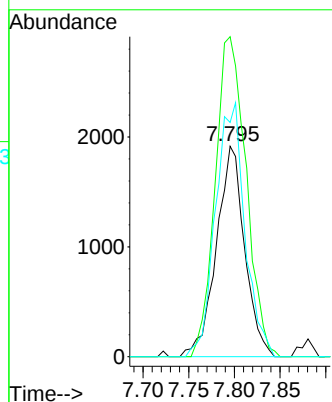
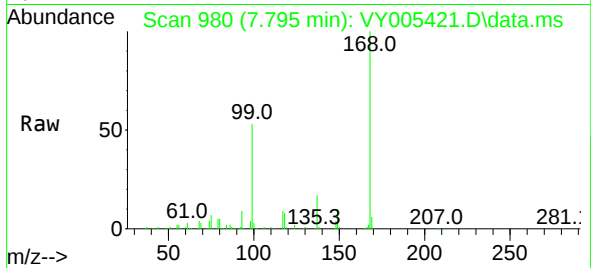




#31
Cyclohexane
Concen: 1.151 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

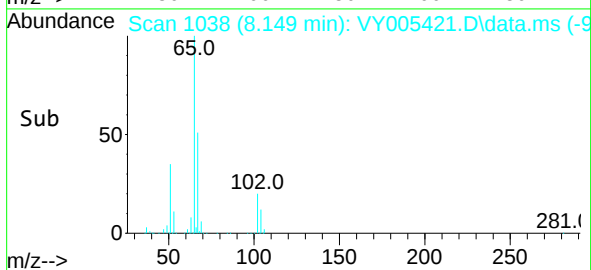
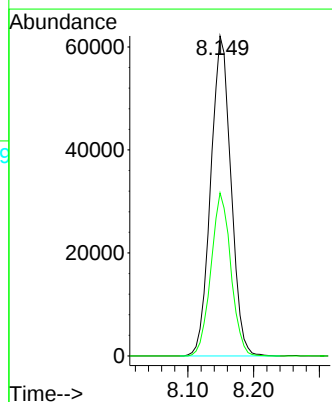
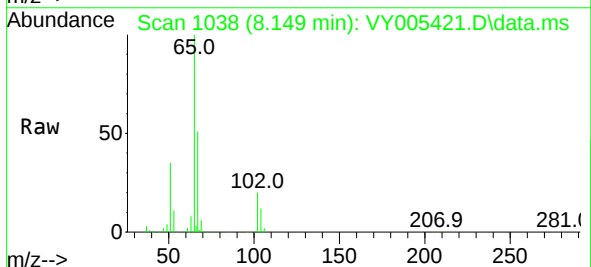
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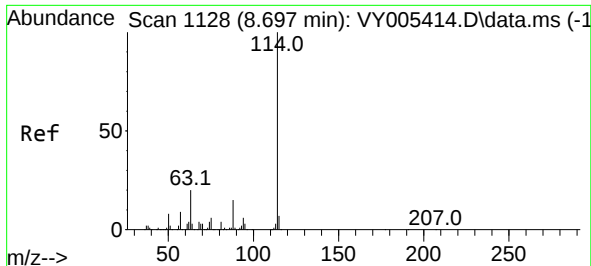
Tgt Ion: 56 Resp: 4130
Ion Ratio Lower Upper
56 100
69 152.0 28.7 43.1#
84 111.3 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 63.232 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

Tgt Ion: 65 Resp: 132890
Ion Ratio Lower Upper
65 100
67 50.1 0.0 102.2

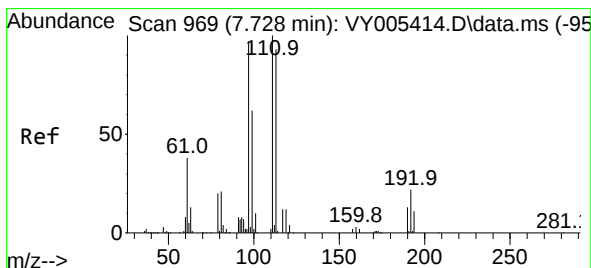
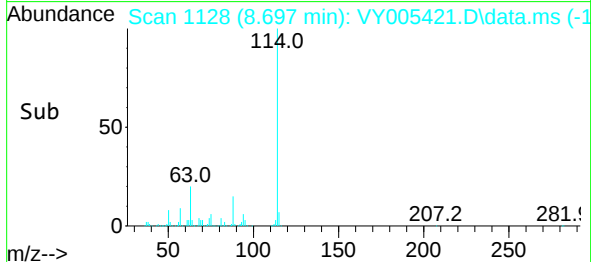
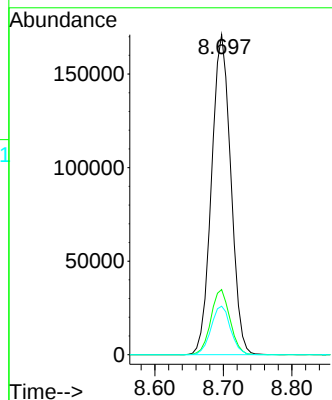
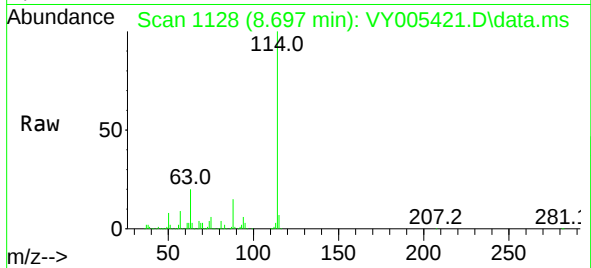




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

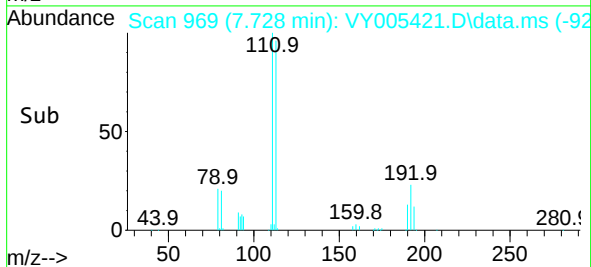
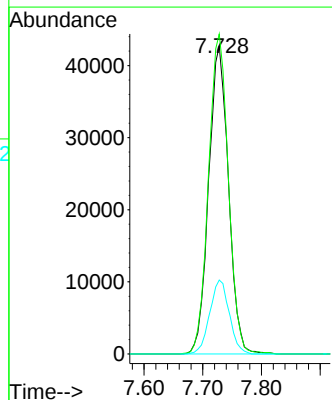
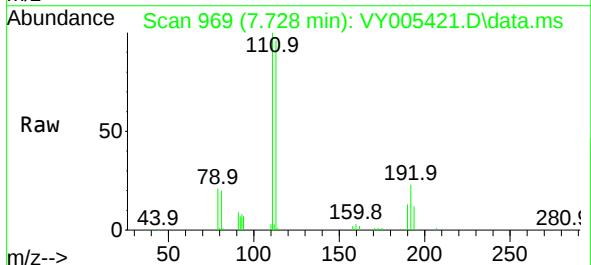
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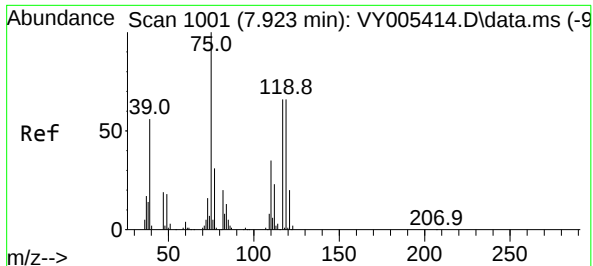
Tgt Ion:114 Resp: 333151
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.0
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.921 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

Tgt Ion:113 Resp: 99878
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 23.7 18.9 28.3





#36

1,1-Dichloropropene

Concen: 4.285 ug/l

RT: 7.795 min Scan# 980

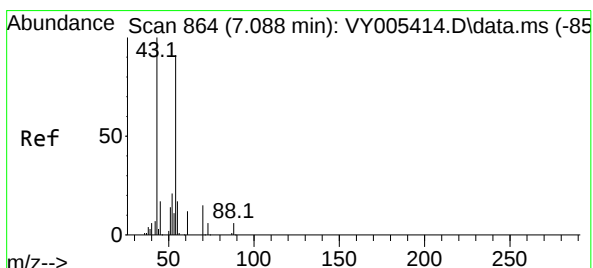
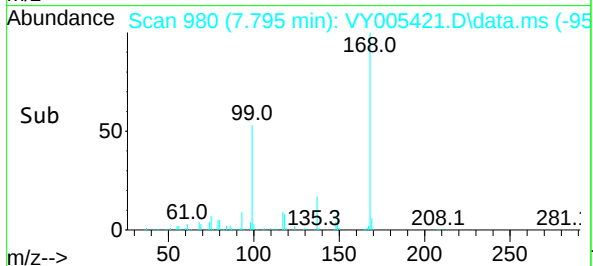
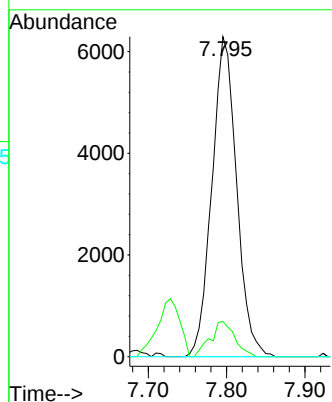
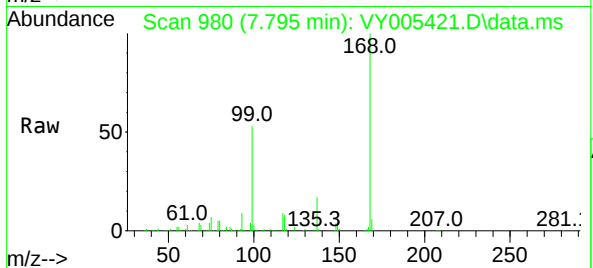
Delta R.T. -0.128 min

Lab File: VY005421.D

Acq: 23 Jul 2021 17:26

Tgt Ion: 75	Resp: 13803
Ion Ratio	Lower Upper
75 100	
110 10.8	17.6 52.9#
77 0.0	24.6 37.0#

Instrument :
MSVOA_Y
ClientSampleId :
20210724-4



#37

Ethyl Acetate

Concen: 10.838 ug/l

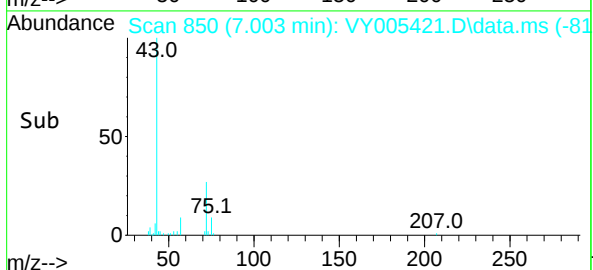
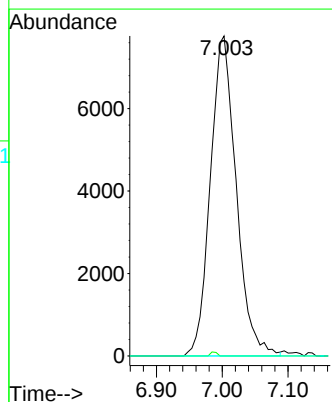
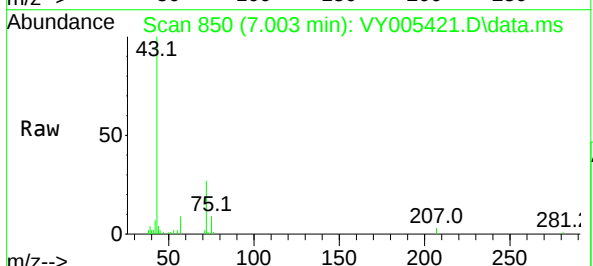
RT: 7.003 min Scan# 850

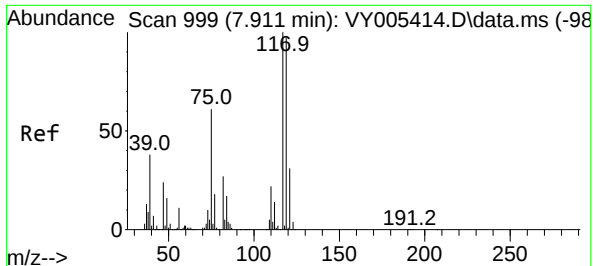
Delta R.T. -0.085 min

Lab File: VY005421.D

Acq: 23 Jul 2021 17:26

Tgt Ion: 43	Resp: 21252
Ion Ratio	Lower Upper
43 100	
61 0.3	10.3 15.5#
70 0.0	7.9 11.9#

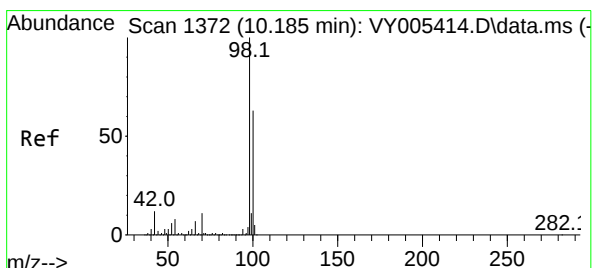
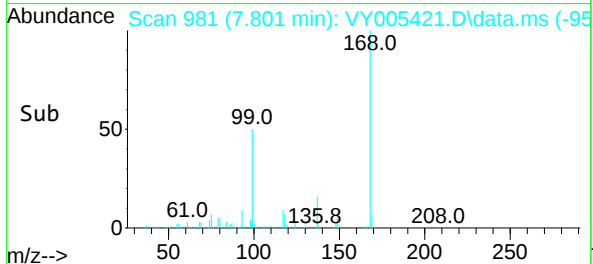
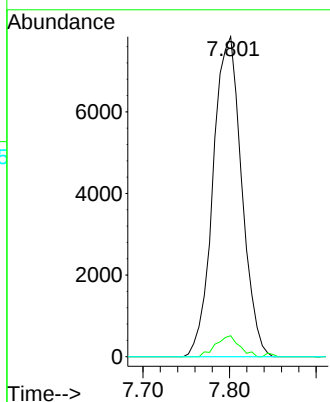
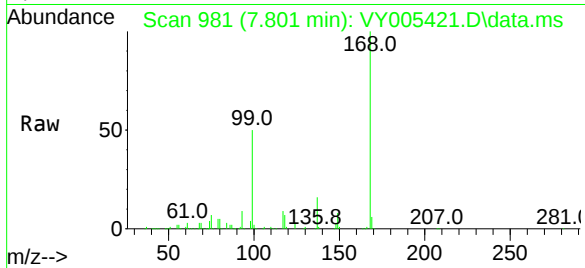




#38
Carbon Tetrachloride
Concen: 5.112 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

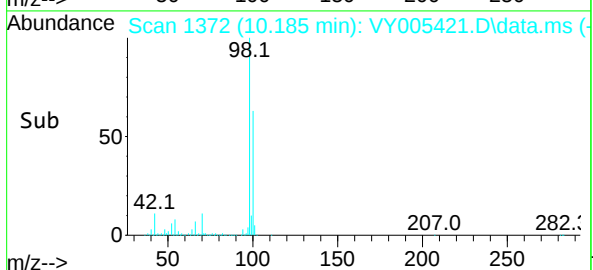
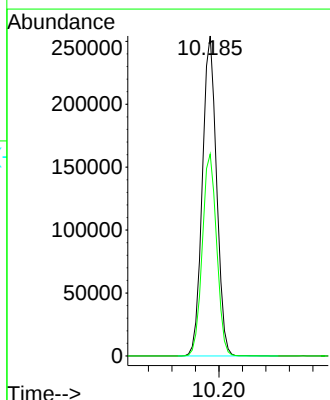
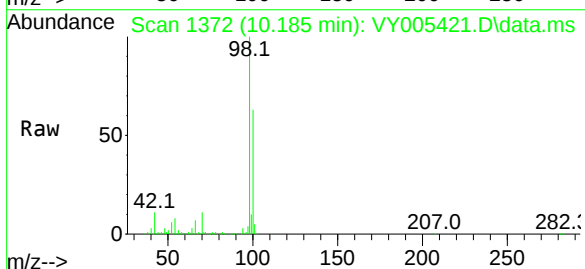
Instrument :
MSVOA_Y
ClientSampleId :
20210724-4

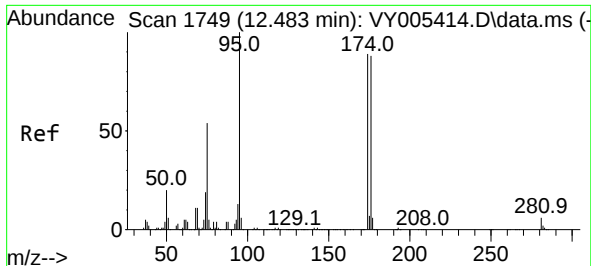
Tgt Ion:117 Resp: 17994
Ion Ratio Lower Upper
117 100
119 6.6 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.378 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

Tgt Ion: 98 Resp: 427042
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

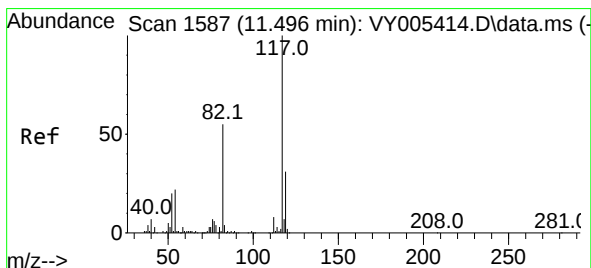
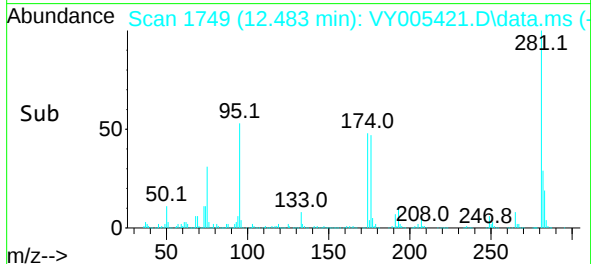
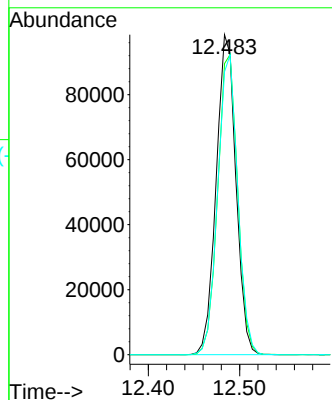
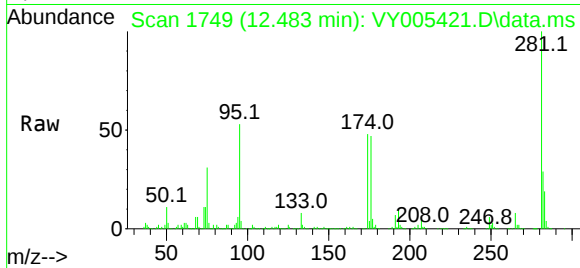




#62
4-Bromofluorobenzene
Concen: 54.896 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

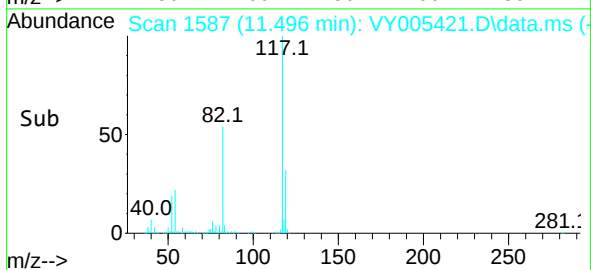
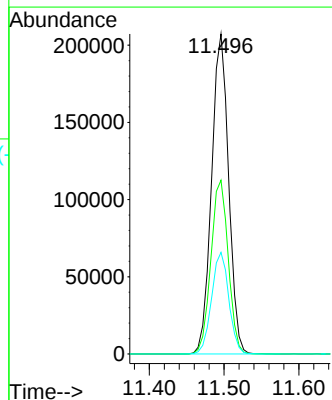
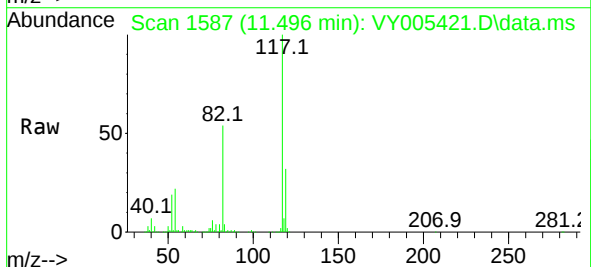
Instrument :
MSVOA_Y
ClientSampleId :
20210724-4

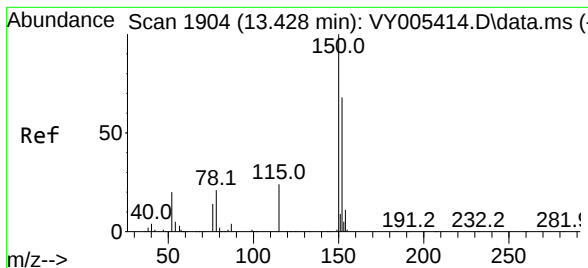
Tgt Ion: 95 Resp: 147719
Ion Ratio Lower Upper
95 100
174 94.5 0.0 186.6
176 94.8 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

Tgt Ion: 117 Resp: 328857
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.6
119 31.7 24.8 37.2

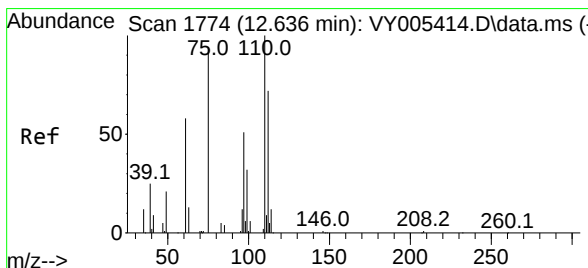
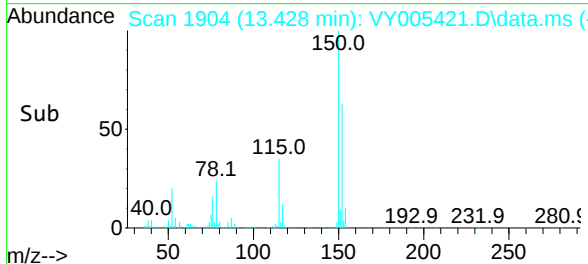
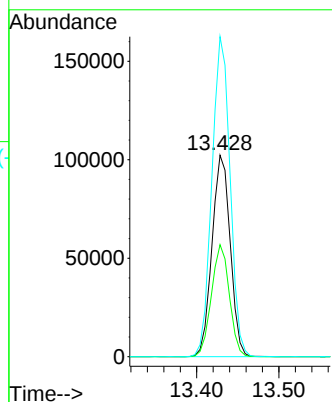
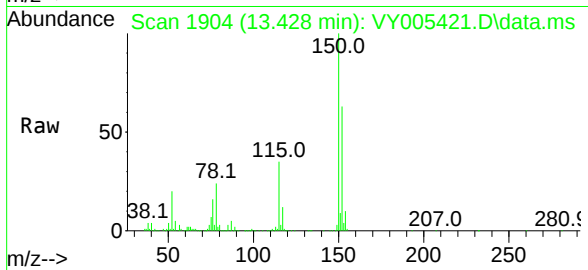




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005421.D
 Acq: 23 Jul 2021 17:26

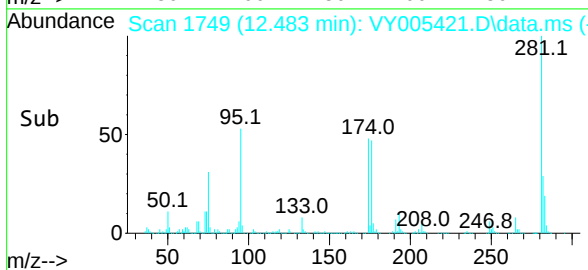
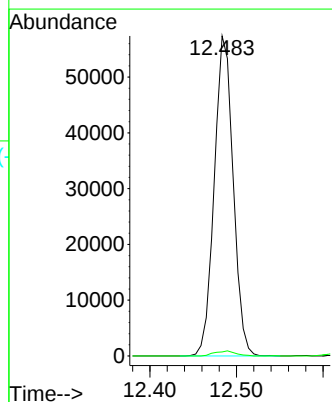
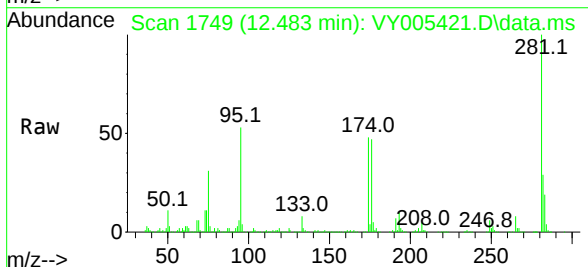
Instrument :
 MSVOA_Y
 ClientSampleId :
 20210724-4

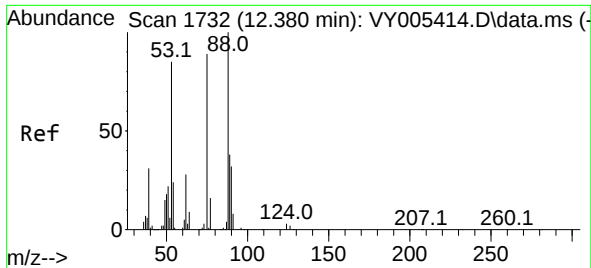
Tgt Ion:152 Resp: 157530
 Ion Ratio Lower Upper
 152 100
 115 54.6 27.7 83.1
 150 158.3 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 56.100 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005421.D
 Acq: 23 Jul 2021 17:26

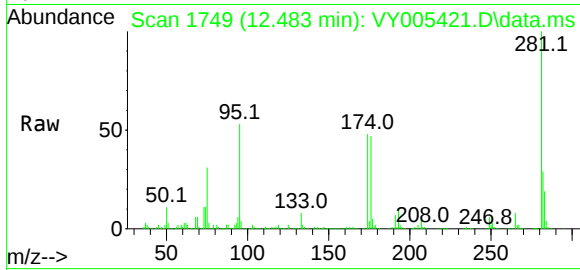
Tgt Ion: 75 Resp: 86959
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 108.931 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005421.D
Acq: 23 Jul 2021 17:26

Instrument :
MSVOA_Y
ClientSampleId :
20210724-4



Tgt Ion:	75	Resp:	86959
Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.1	114.1#
89	2.3	36.9	55.3#

