

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005431.D
 Acq On : 23 Jul 2021 21:18
 Operator : SY/MD
 Sample : M3159-04
 Misc : 5.46G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210732-63

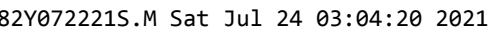
Quant Time: Jul 24 03:04:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

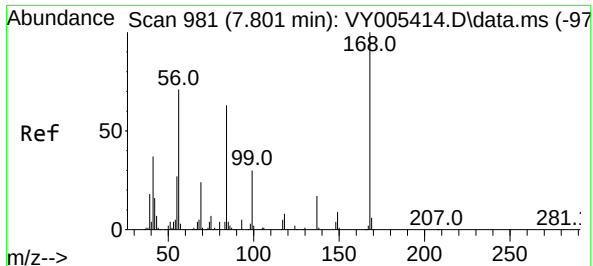
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	205785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	355021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	349524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	139000	63.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.460%	
35) Dibromofluoromethane	7.728	113	105641	51.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.060%	
50) Toluene-d8	10.185	98	449025	51.681	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.360%	
62) 4-Bromofluorobenzene	12.483	95	163269	56.937	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.880%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.015	59	434	2.090	ug/l #	82
13) Acrolein	3.747	56	1611	8.471	ug/l #	48
16) Acetone	3.972	43	58405	116.329	ug/l	99
17) Carbon Disulfide	4.204	76	27486	4.225	ug/l	99
18) Methyl Acetate	4.491	43	1719	1.218	ug/l #	89
20) Methylene Chloride	4.728	84	8858	1.994	ug/l	94
25) 2-Butanone	7.008	43	21552	28.665	ug/l	96
31) Cyclohexane	7.795	56	4261	1.135	ug/l #	15
36) 1,1-Dichloropropene	7.795	75	15080	4.393	ug/l #	50
37) Ethyl Acetate	7.008	43	21552	10.314	ug/l #	70
38) Carbon Tetrachloride	7.795	117	18872	5.031	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	96132	55.793	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	96132	108.334	ug/l #	13

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

Quant Time: Jul 24 03:04:11 2021
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Response via : Initial Calibration

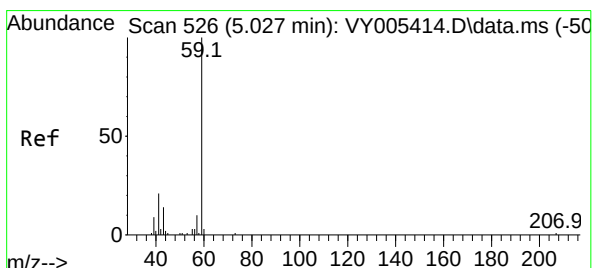
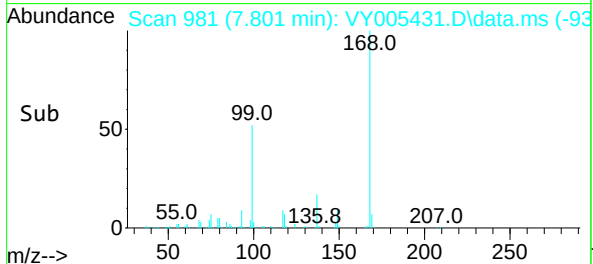
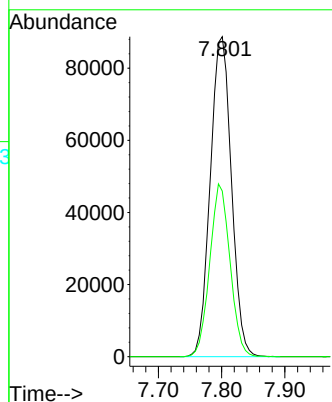
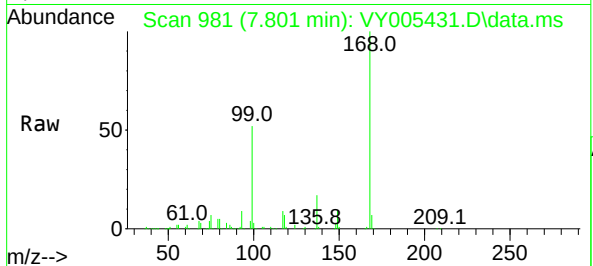




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

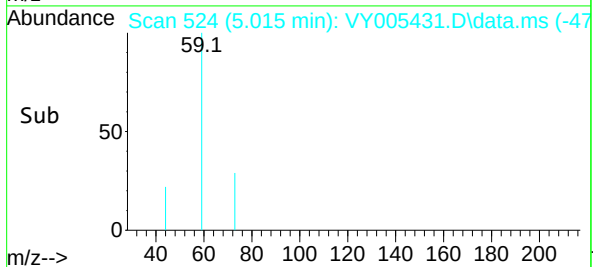
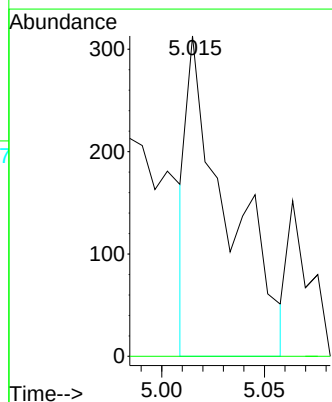
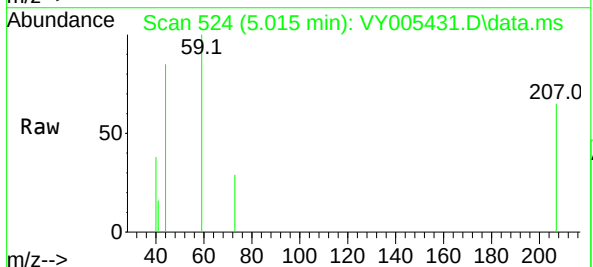
Instrument :
MSVOA_Y
ClientSampleId :
20210732-63

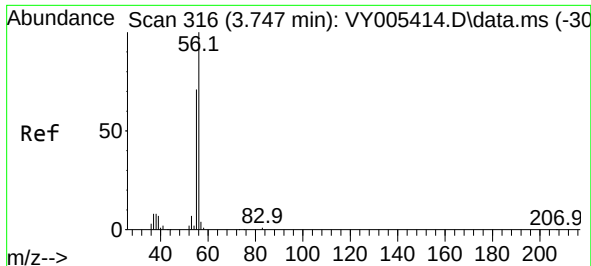
Tgt Ion:168 Resp: 205785
Ion Ratio Lower Upper
168 100
99 51.8 39.8 59.6



#11
Tert butyl alcohol
Concen: 2.090 ug/l
RT: 5.015 min Scan# 524
Delta R.T. -0.012 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

Tgt Ion: 59 Resp: 434
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

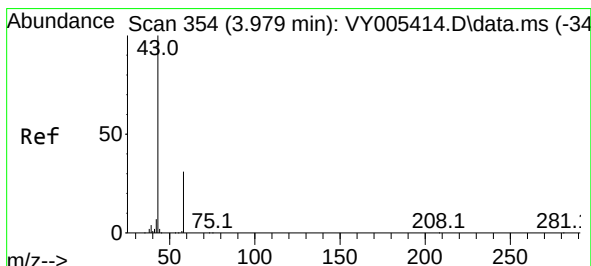
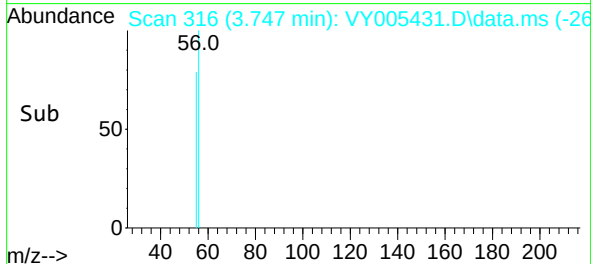
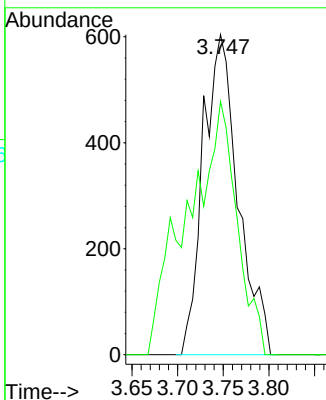
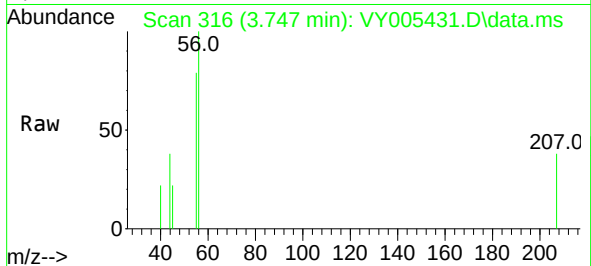




#13
Acrolein
Concen: 8.471 ug/l
RT: 3.747 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

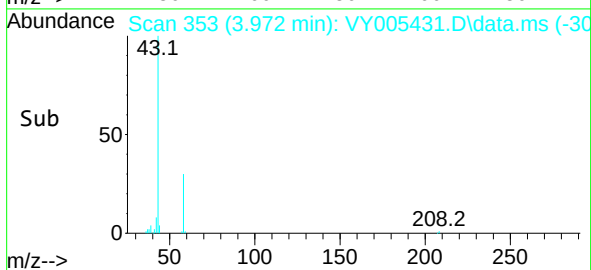
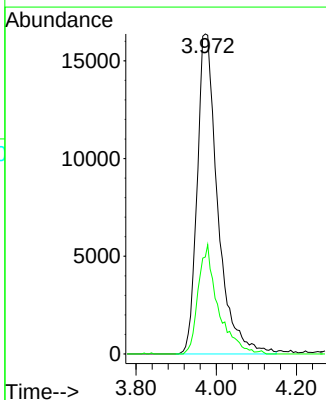
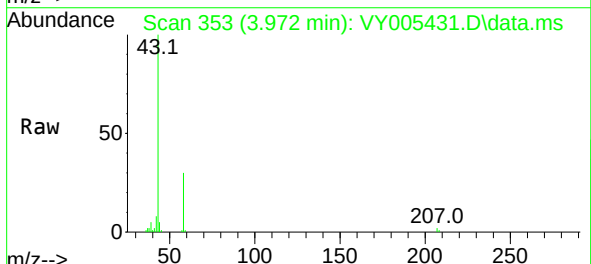
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MSVOA_Y
ClientSampleId :
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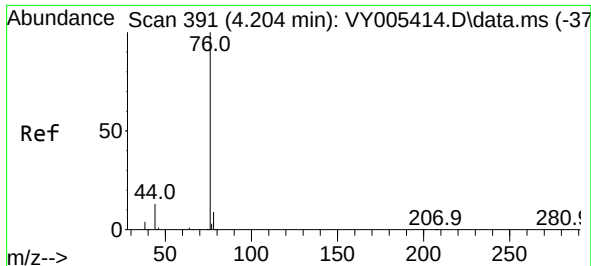
Tgt Ion: 56 Resp: 1611
Ion Ratio Lower Upper
56 100
55 111.4 55.2 82.8#



#16
Acetone
Concen: 116.329 ug/l
RT: 3.972 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

Tgt Ion: 43 Resp: 58405
Ion Ratio Lower Upper
43 100
58 30.3 24.5 36.7

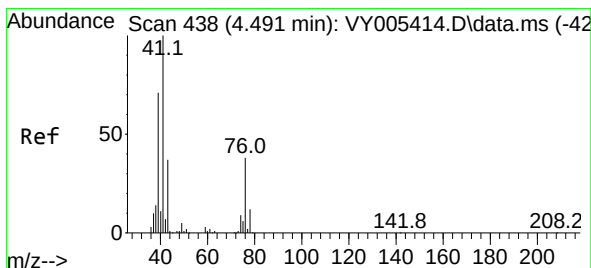
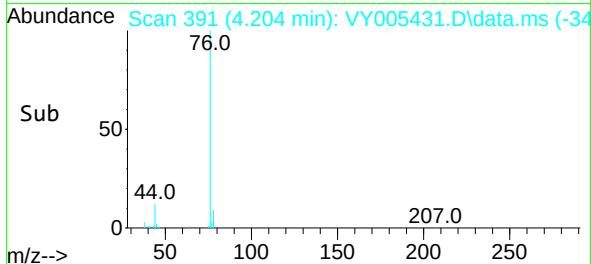
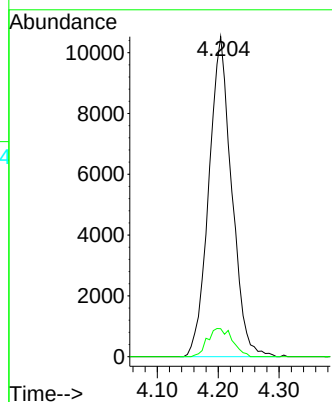
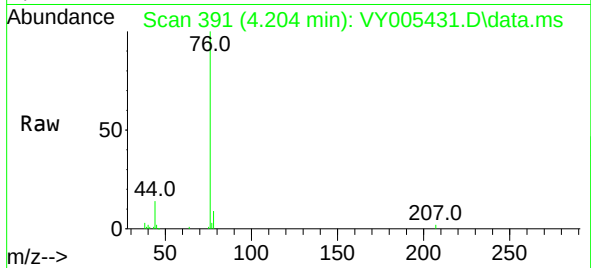




#17
Carbon Disulfide
Concen: 4.225 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

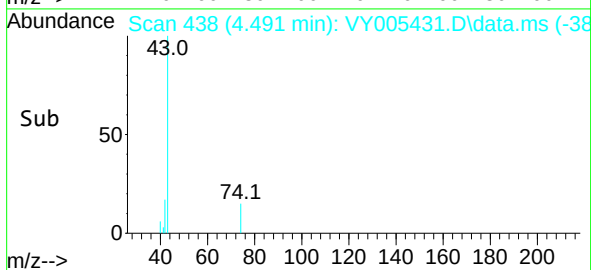
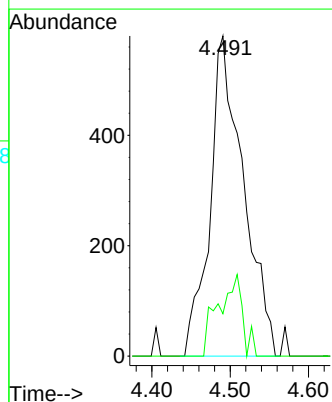
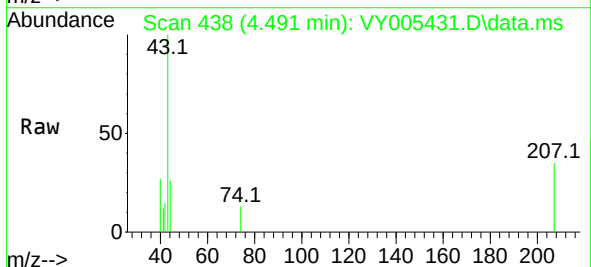
Instrument :
MSVOA_Y
ClientSampleId :
20210732-63

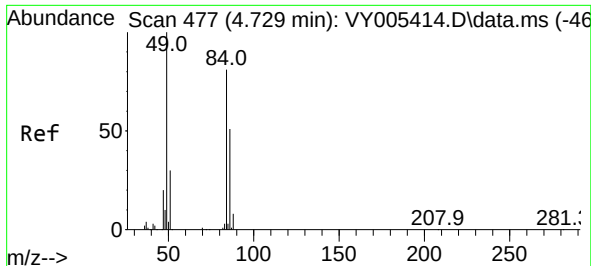
Tgt Ion: 76 Resp: 27486
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 1.218 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

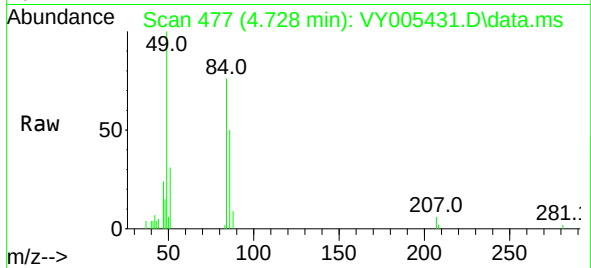
Tgt Ion: 43 Resp: 1719
Ion Ratio Lower Upper
43 100
74 18.4 19.2 28.8#



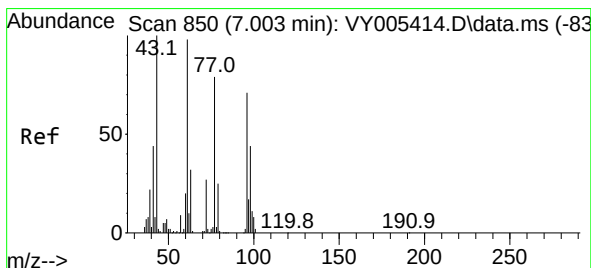
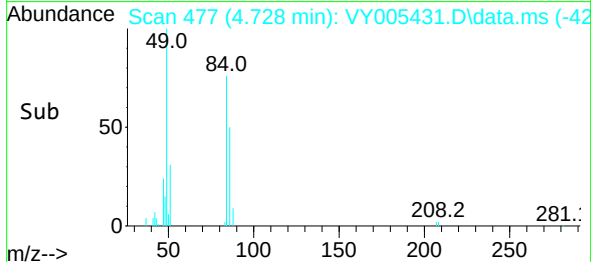
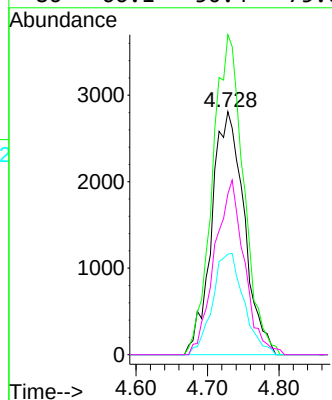


#20
Methylene Chloride
Concen: 1.994 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

Instrument :
MSVOA_Y
ClientSampleId :
20210732-63

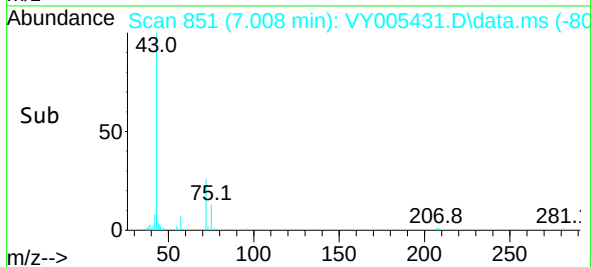
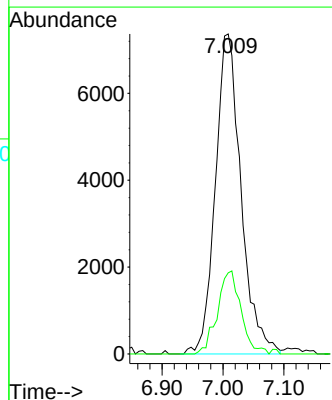
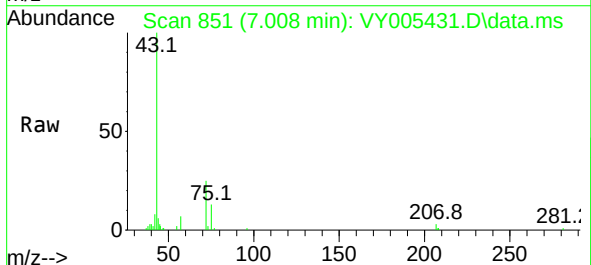


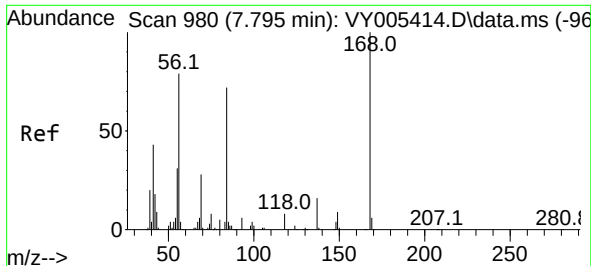
Tgt Ion:	84	Resp:	8858
Ion	Ratio	Lower	Upper
84	100		
49	131.6	98.9	148.3
51	41.3	30.0	45.0
86	66.1	50.4	75.6



#25
2-Butanone
Concen: 28.665 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

Tgt Ion:	43	Resp:	21552
Ion	Ratio	Lower	Upper
43	100		
72	25.4	21.9	32.9

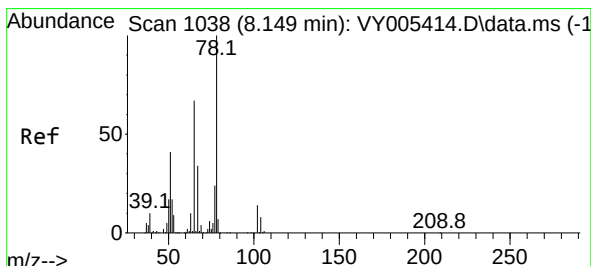
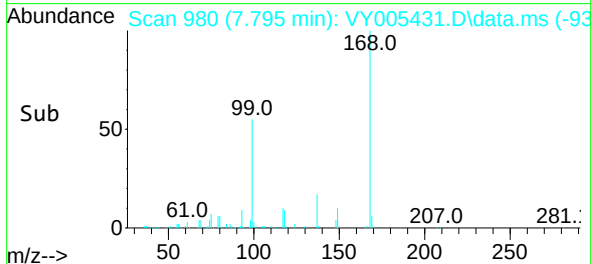
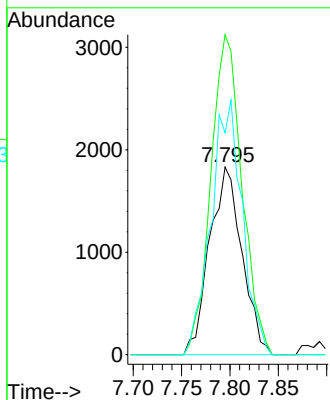
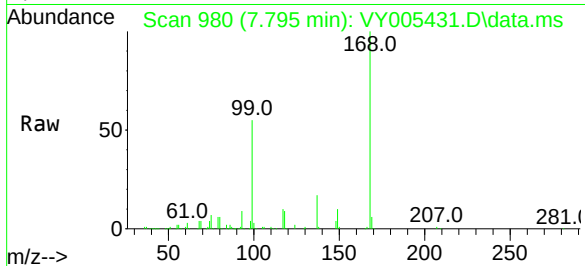




#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

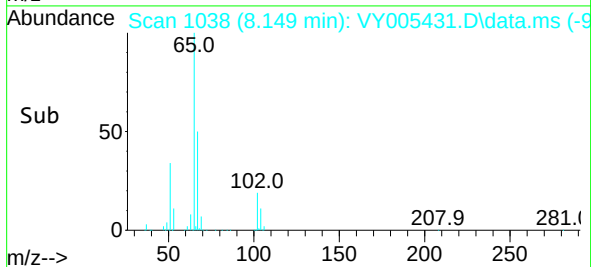
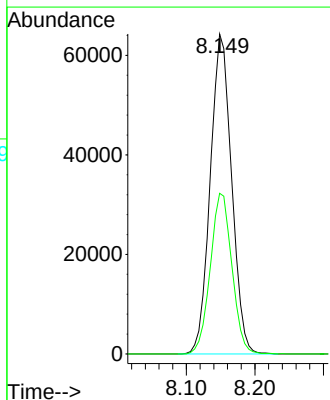
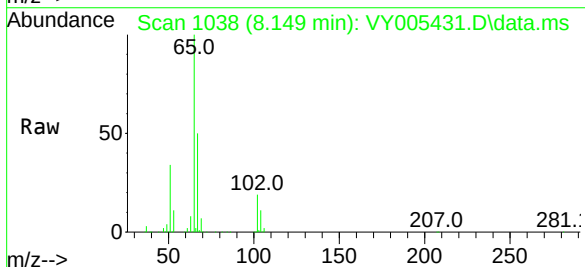
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MSVOA_Y
ClientSampleId :
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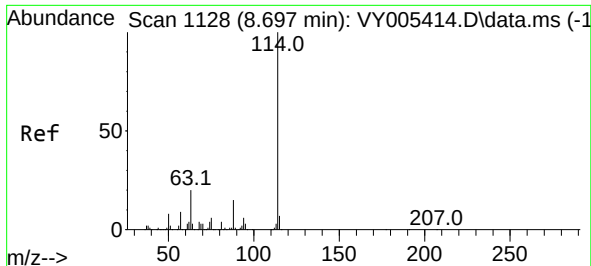
Tgt Ion: 56 Resp: 4261
Ion Ratio Lower Upper
56 100
69 170.6 28.7 43.1#
84 118.2 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 63.226 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

Tgt Ion: 65 Resp: 139000
Ion Ratio Lower Upper
65 100
67 50.9 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: VY005431.D

Acq: 23 Jul 2021 21:18

Tgt Ion:114 Resp: 355021

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

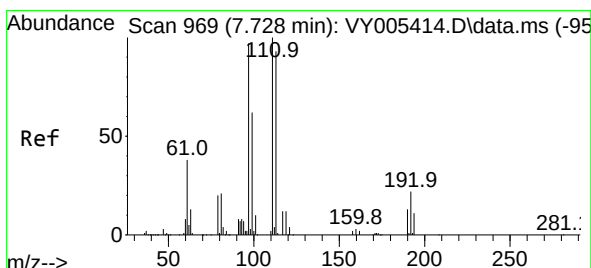
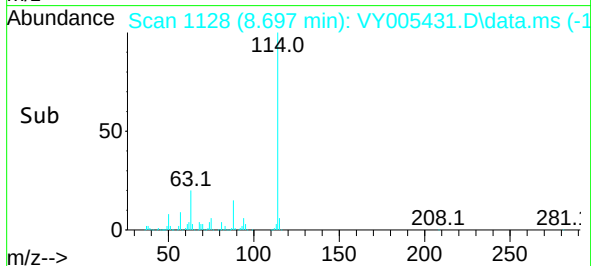
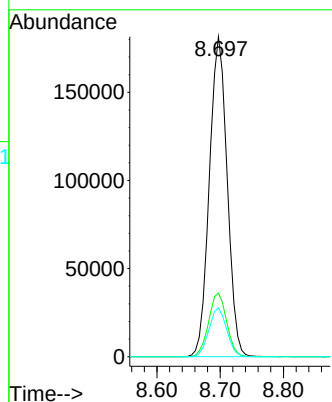
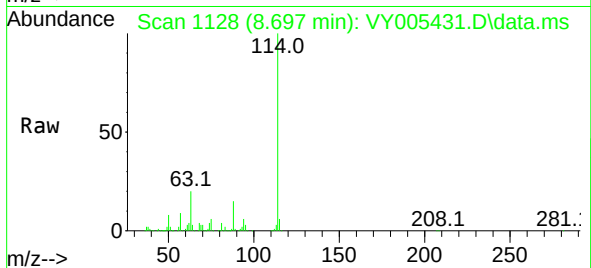
88 15.3 0.0 30.8

Instrument :

MSVOA_Y

ClientSampleId :

20210732-63



#35

Dibromofluoromethane

Concen: 51.534 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005431.D

Acq: 23 Jul 2021 21:18

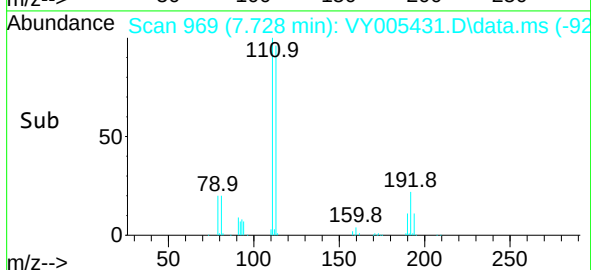
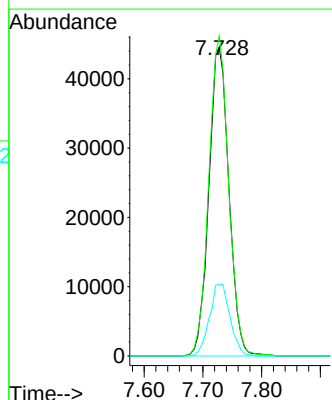
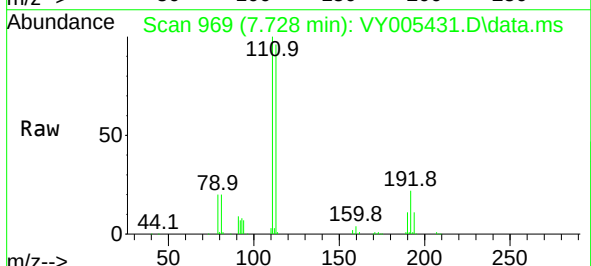
Tgt Ion:113 Resp: 105641

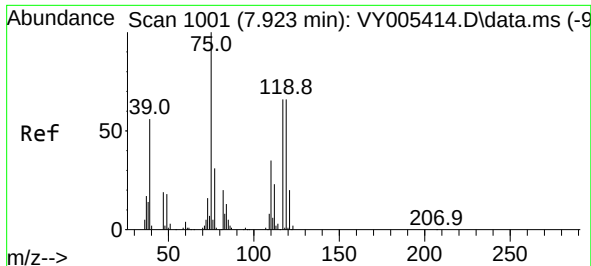
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 23.9 18.9 28.3

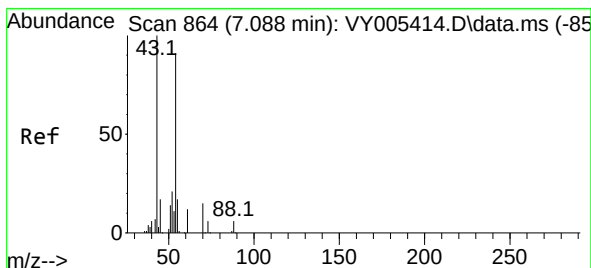
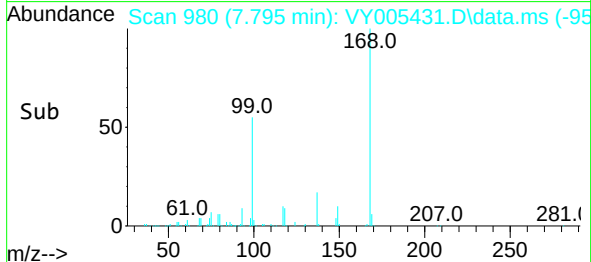
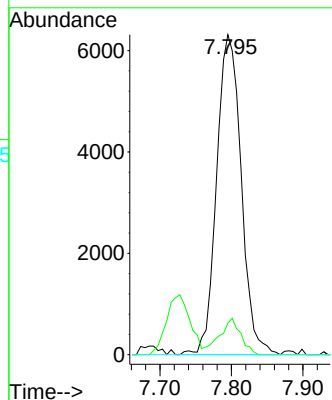
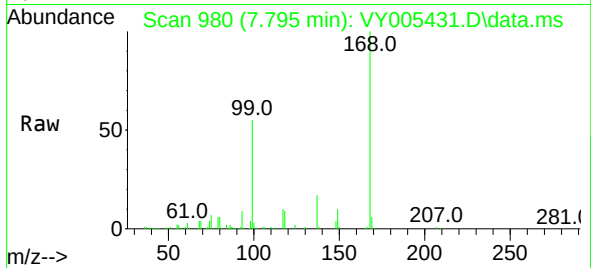




#36
1,1-Dichloropropene
Concen: 4.393 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

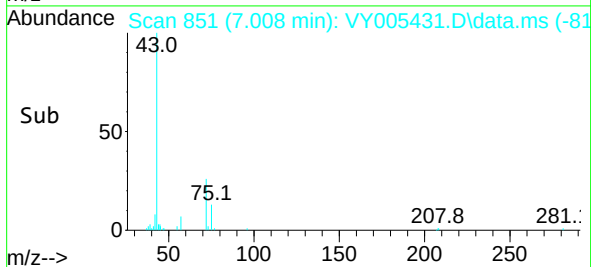
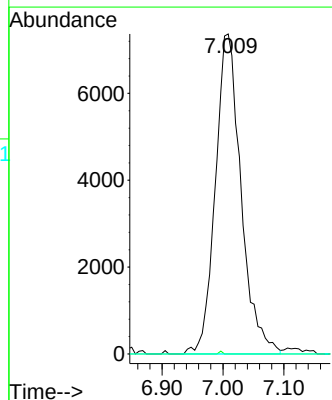
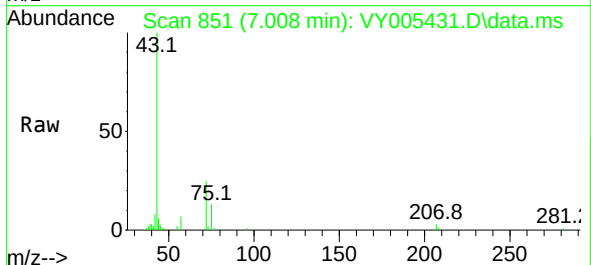
Instrument :
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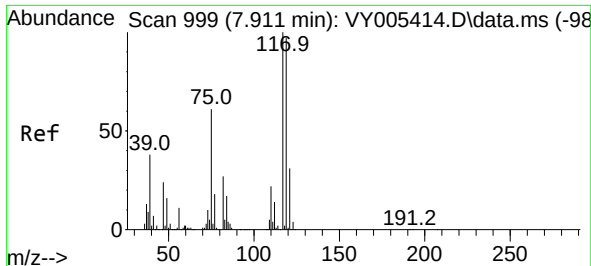
Tgt Ion: 75 Resp: 15080
Ion Ratio Lower Upper
75 100
110 9.6 17.6 52.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 10.314 ug/l
RT: 7.008 min Scan# 851
Delta R.T. -0.079 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

Tgt Ion: 43 Resp: 21552
Ion Ratio Lower Upper
43 100
61 0.1 10.3 15.5#
70 0.0 7.9 11.9#

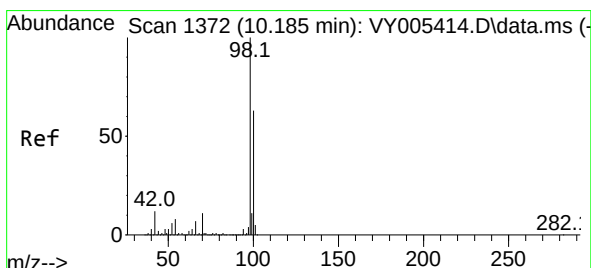
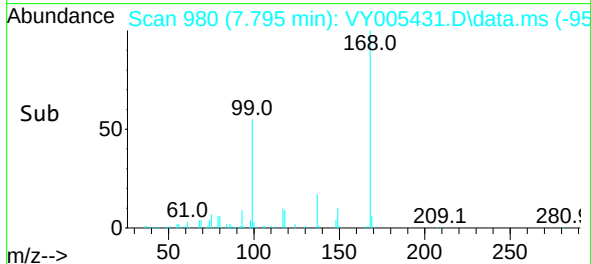
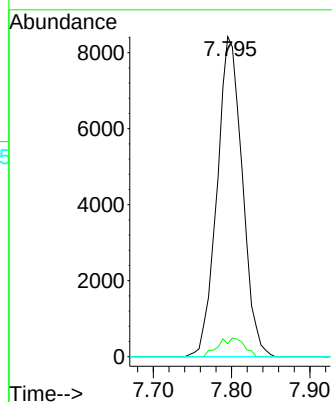
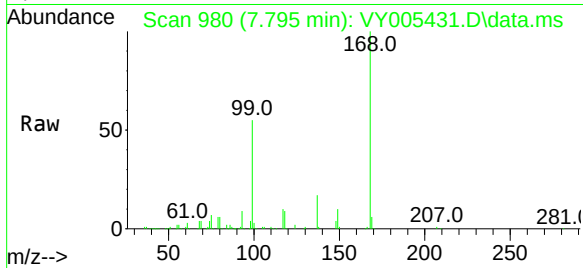




#38
Carbon Tetrachloride
Concen: 5.031 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

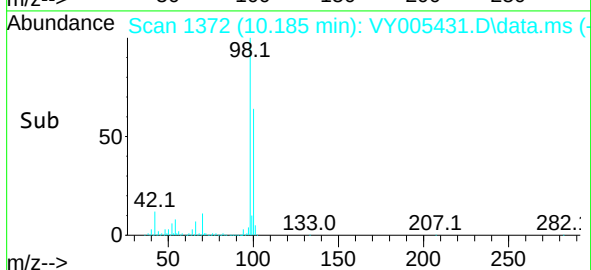
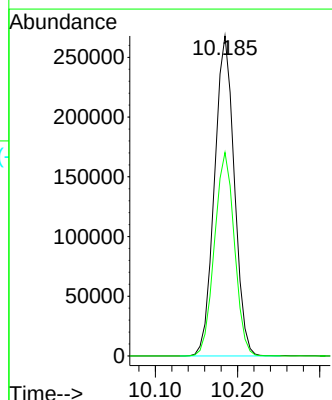
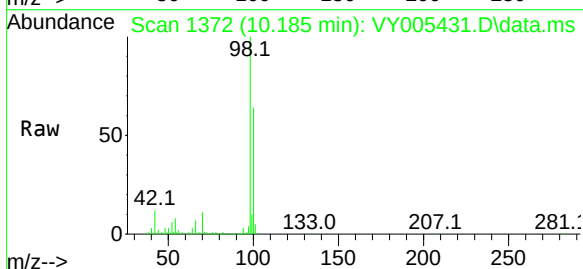
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MSVOA_Y
ClientSampleId :
20210732-63

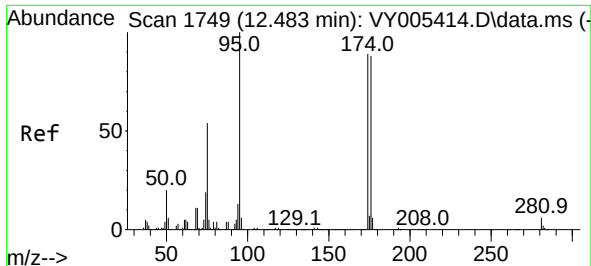
Tgt Ion:117 Resp: 18872
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 51.681 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

Tgt Ion: 98 Resp: 449025
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

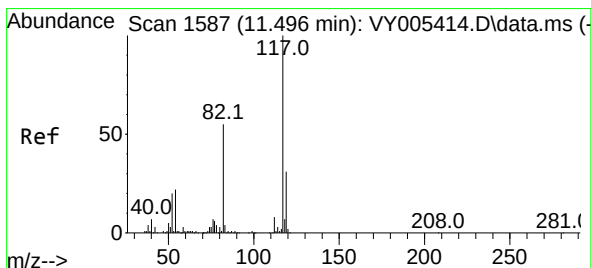
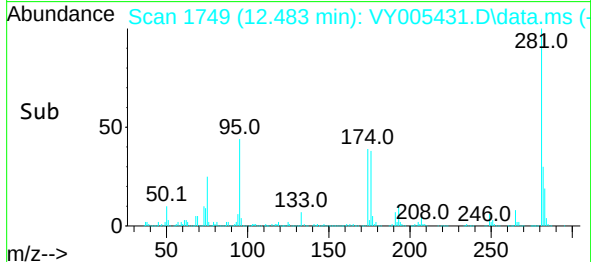
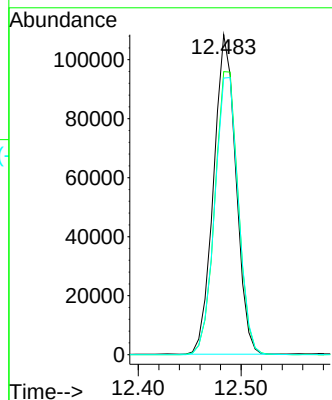
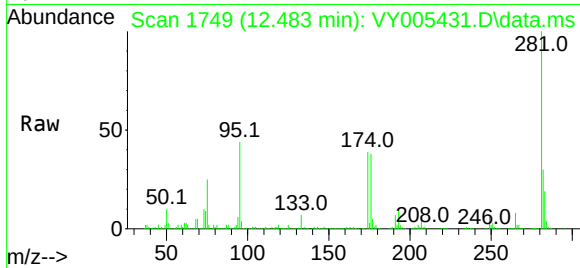




#62
4-Bromofluorobenzene
Concen: 56.937 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

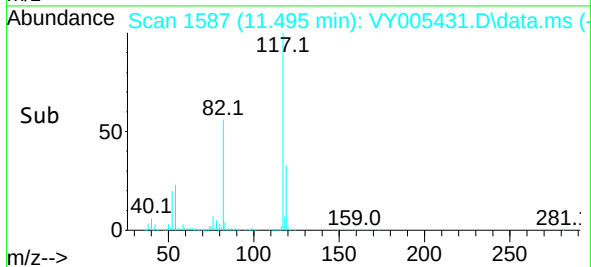
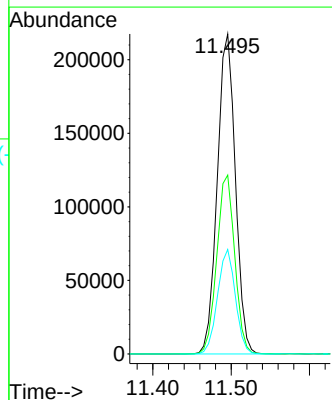
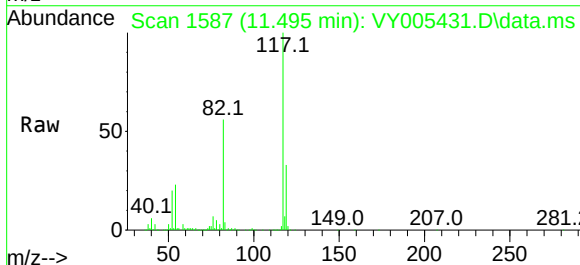
Instrument :
MSVOA_Y
ClientSampleId :
20210732-63

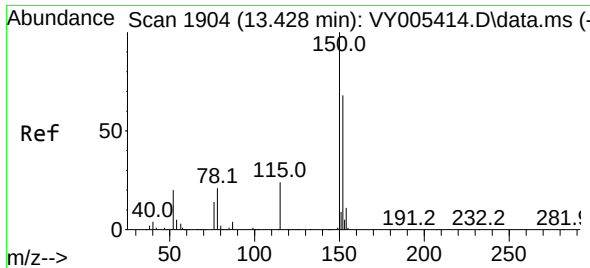
Tgt Ion: 95 Resp: 163269
Ion Ratio Lower Upper
95 100
174 92.7 0.0 186.6
176 91.6 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

Tgt Ion: 117 Resp: 349524
Ion Ratio Lower Upper
117 100
82 55.9 43.8 65.6
119 32.7 24.8 37.2

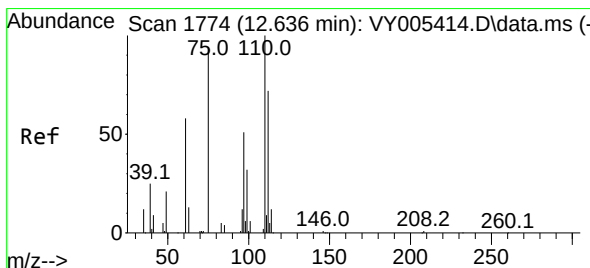
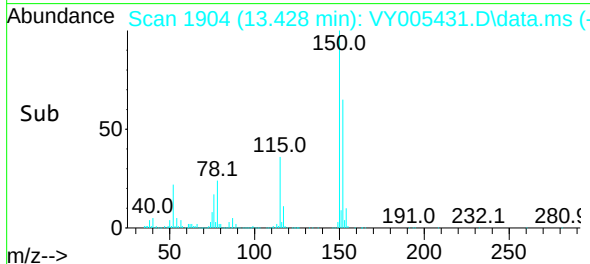
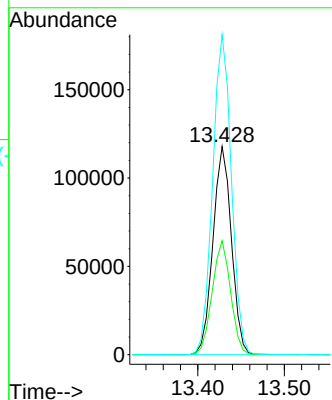
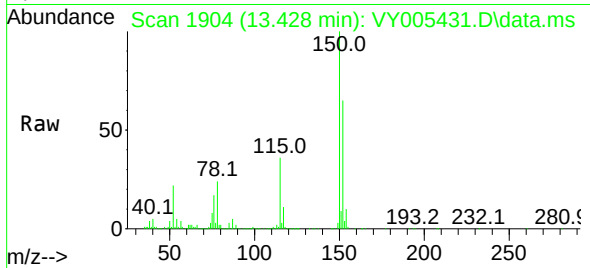




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005431.D
 Acq: 23 Jul 2021 21:18

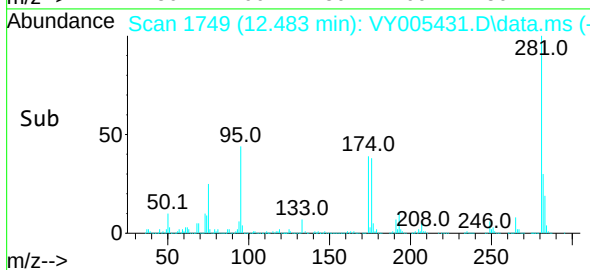
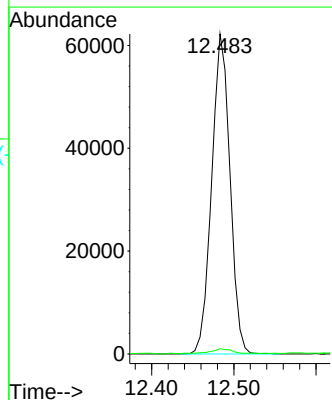
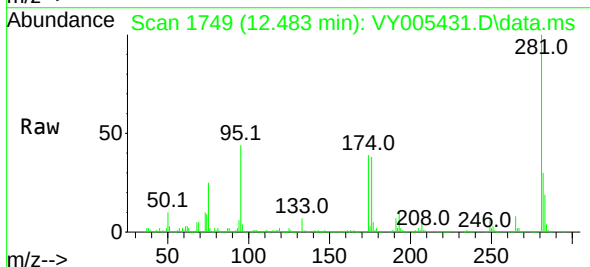
Instrument :
 MSVOA_Y
 ClientSampleId :
 20210732-63

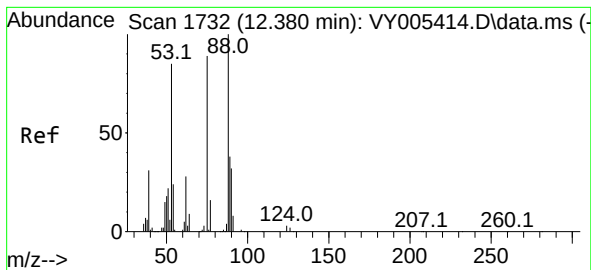
Tgt Ion:152 Resp: 175108
 Ion Ratio Lower Upper
 152 100
 115 54.3 27.7 83.1
 150 155.6 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 55.793 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005431.D
 Acq: 23 Jul 2021 21:18

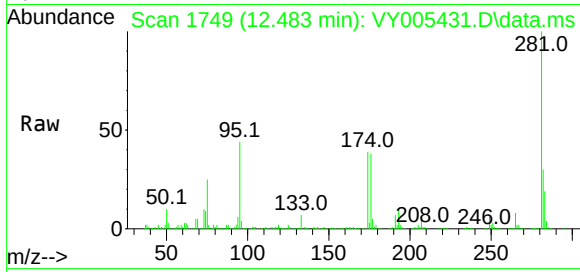
Tgt Ion: 75 Resp: 96132
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 108.334 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

Instrument :
MSVOA_Y
ClientSampleId :
20210732-63



Tgt Ion: 75 Resp: 96132
Ion Ratio Lower Upper
75 100
53 0.5 76.1 114.1#
89 2.4 36.9 55.3#

