

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005432.D
 Acq On : 23 Jul 2021 21:41
 Operator : SY/MD
 Sample : M3159-05
 Misc : 6.23G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210733-70

Quant Time: Jul 24 03:04:28 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)

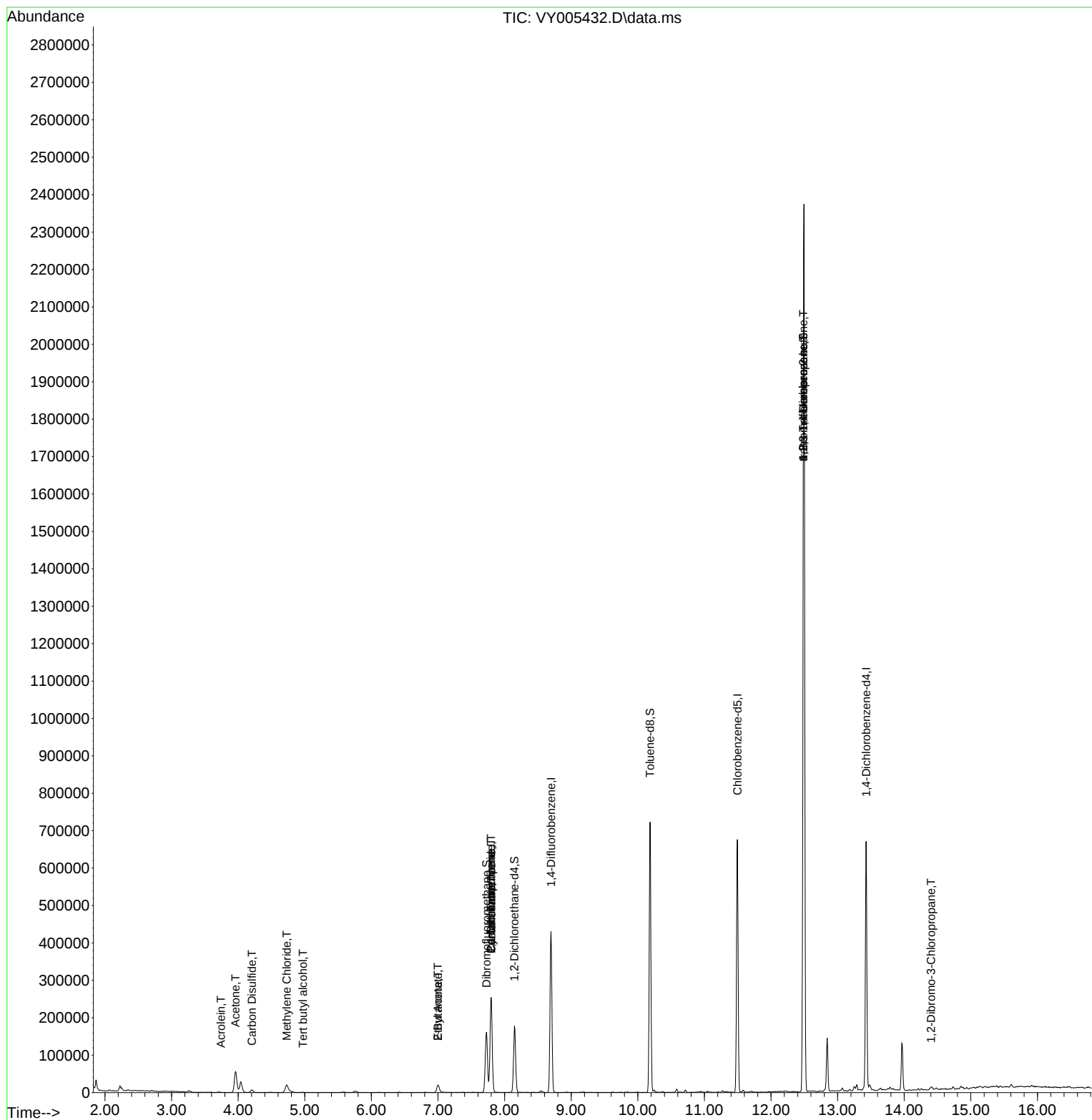
Internal Standards						
1) Pentafluorobenzene	7.801	168	207818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	363246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	356082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	139988	63.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.100%
35) Dibromofluoromethane	7.728	113	108901	51.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.840%
50) Toluene-d8	10.185	98	465159	52.326	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.660%
62) 4-Bromofluorobenzene	12.483	95	163606	55.763	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	1424	6.790	ug/l #	90
13) Acrolein	3.741	56	490	2.551	ug/l #	15
16) Acetone	3.960	43	98875	195.009	ug/l	98
17) Carbon Disulfide	4.204	76	12435	1.893	ug/l	98
20) Methylene Chloride	4.728	84	14437	3.868	ug/l	97
25) 2-Butanone	6.996	43	33224	43.757	ug/l	98
31) Cyclohexane	7.801	56	4077	1.075	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15290	4.353	ug/l #	50
37) Ethyl Acetate	6.996	43	33224	15.540	ug/l #	70
38) Carbon Tetrachloride	7.795	117	19296	5.028	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	99119	60.566	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	99119	117.602	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.404	75	1259	2.965	ug/l #	1

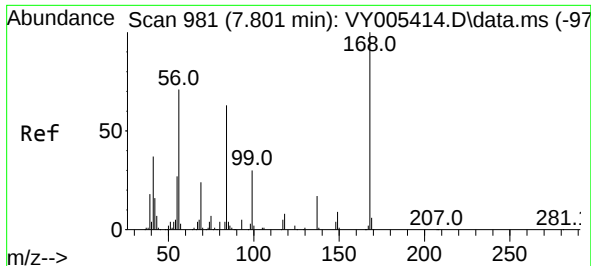
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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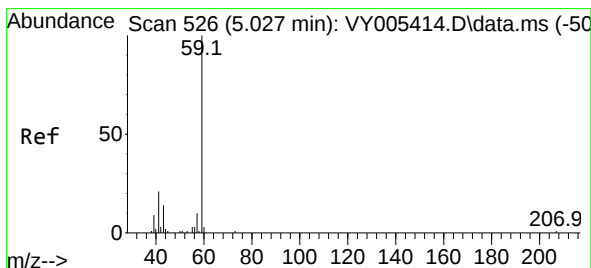
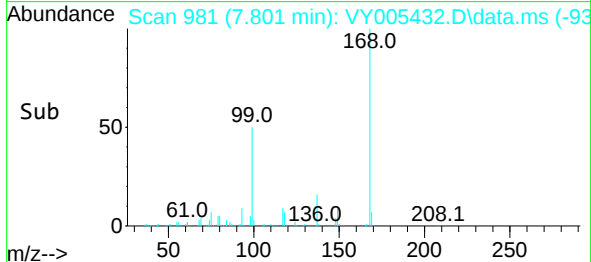
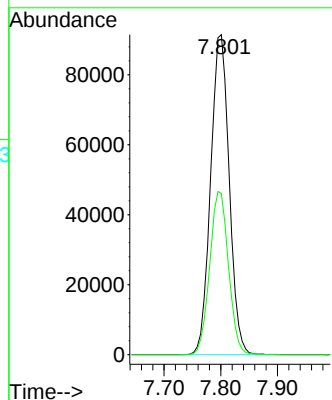
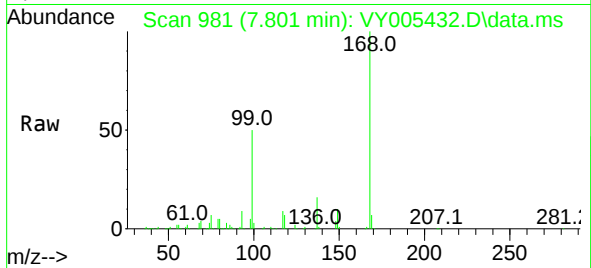




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

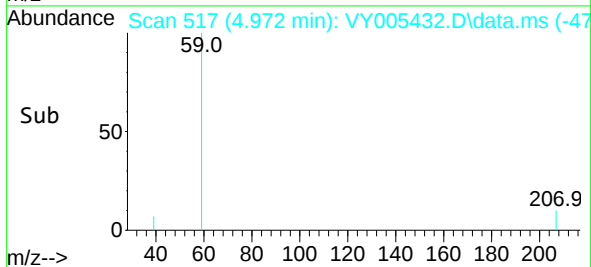
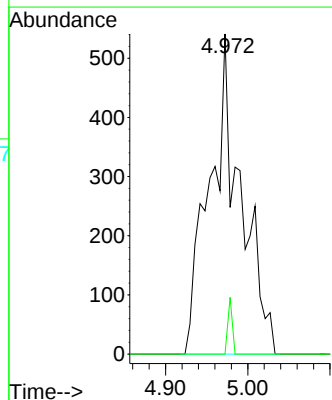
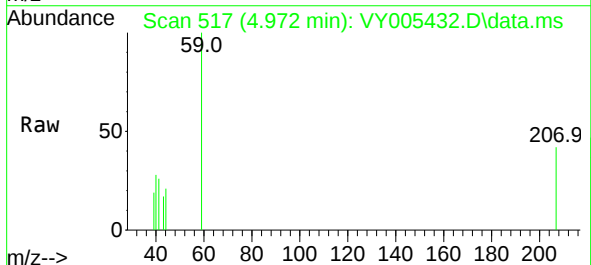
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MSVOA_Y
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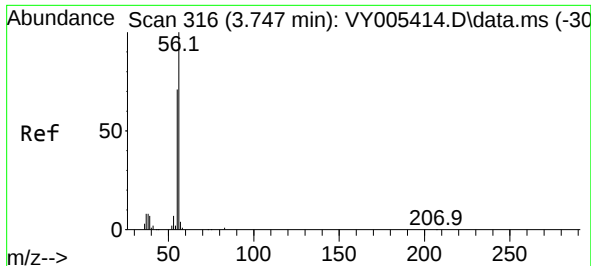
Tgt Ion:168 Resp: 207818
Ion Ratio Lower Upper
168 100
99 50.4 39.8 59.6



#11
Tert butyl alcohol
Concen: 6.790 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.055 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

Tgt Ion: 59 Resp: 1424
Ion Ratio Lower Upper
59 100
57 2.5 4.7 7.1#

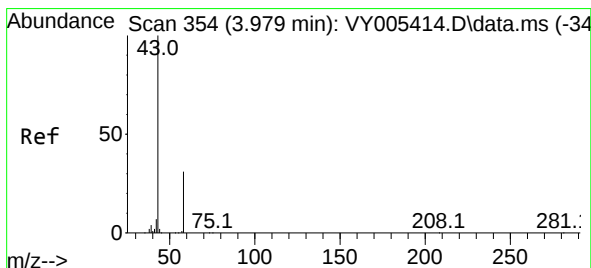
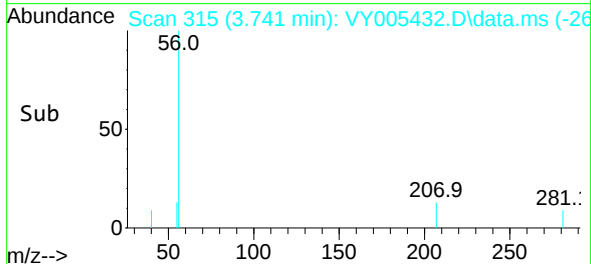
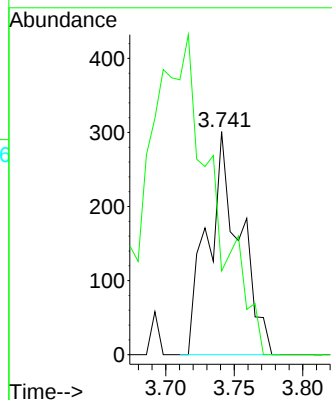
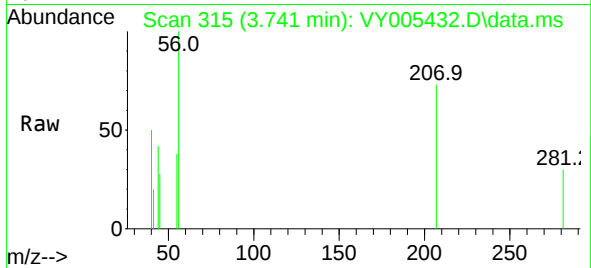




#13
Acrolein
Concen: 2.551 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

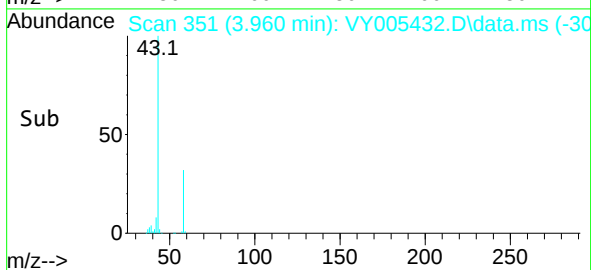
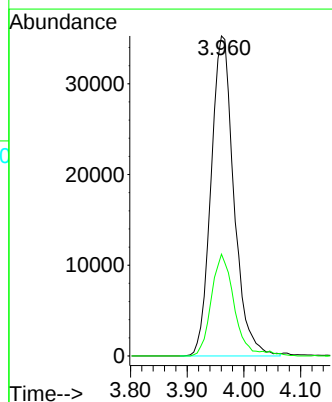
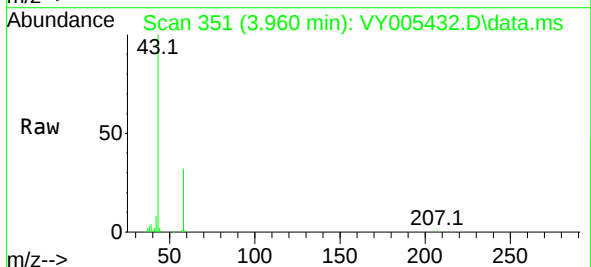
Instrument :
MSVOA_Y
ClientSampleId :
20210733-70

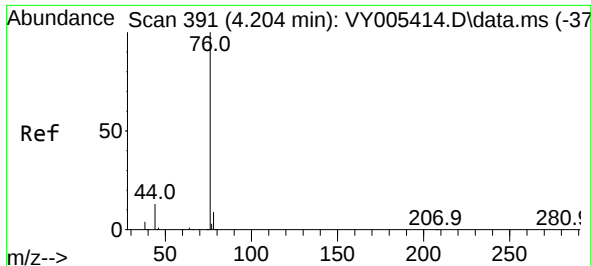
Tgt Ion: 56 Resp: 490
Ion Ratio Lower Upper
56 100
55 0.0 55.2 82.8#



#16
Acetone
Concen: 195.009 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

Tgt Ion: 43 Resp: 98875
Ion Ratio Lower Upper
43 100
58 31.8 24.5 36.7

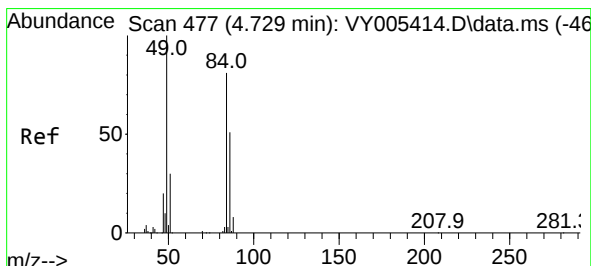
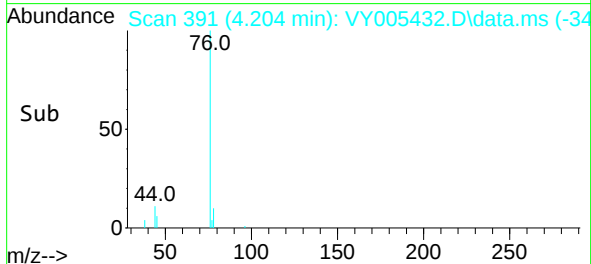
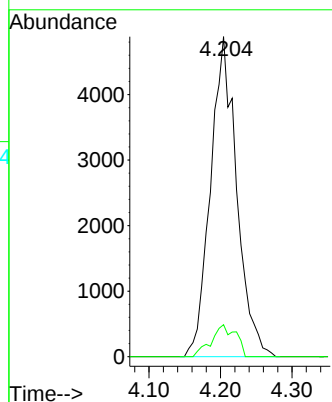
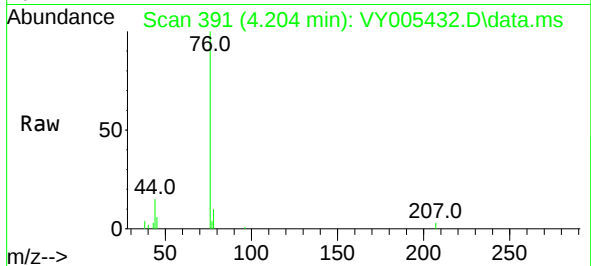




#17
Carbon Disulfide
Concen: 1.893 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

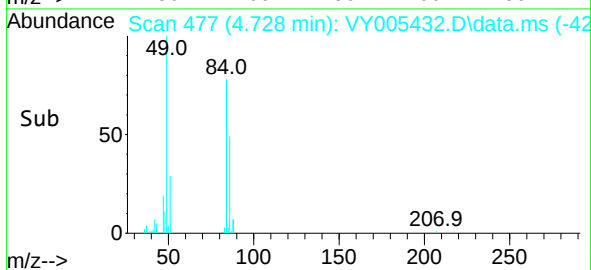
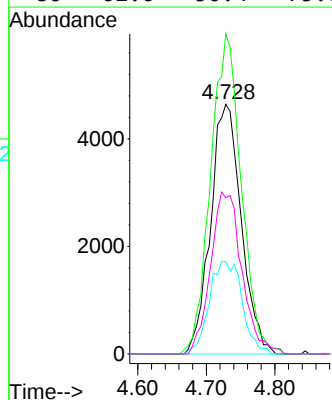
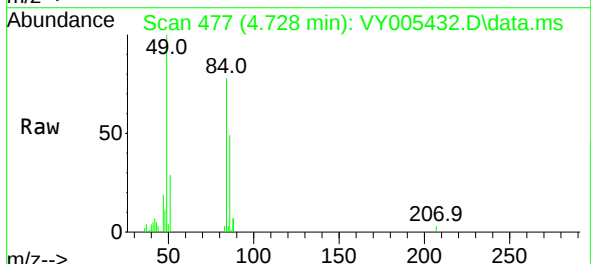
Instrument :
MSVOA_Y
ClientSampleId :
20210733-70

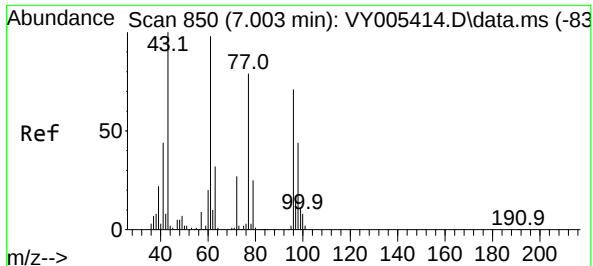
Tgt Ion: 76 Resp: 12435
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#20
Methylene Chloride
Concen: 3.868 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

Tgt Ion: 84 Resp: 14437
Ion Ratio Lower Upper
84 100
49 128.2 98.9 148.3
51 37.0 30.0 45.0
86 62.6 50.4 75.6





#25

2-Butanone

Concen: 43.757 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY005432.D

Acq: 23 Jul 2021 21:41

Instrument :

MSVOA_Y

ClientSampleId :

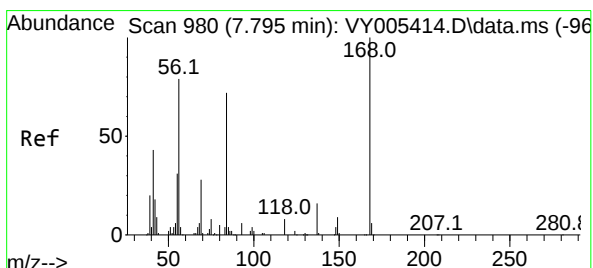
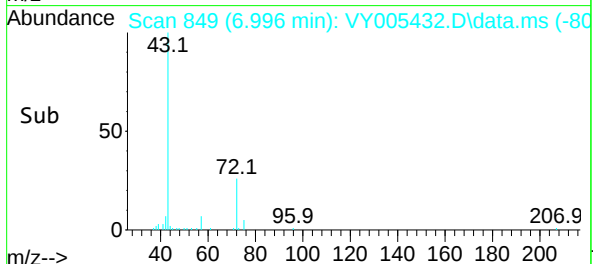
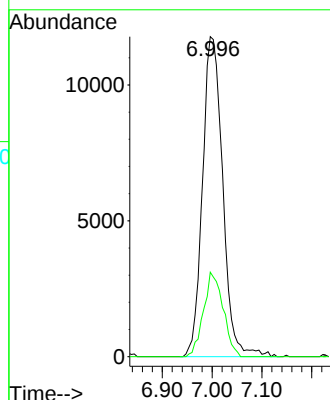
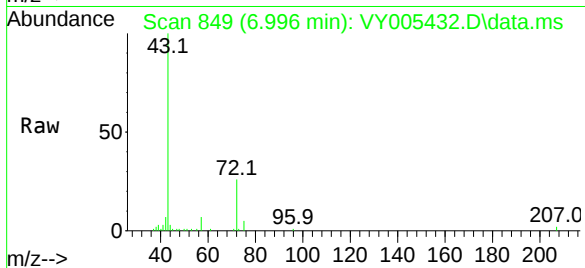
20210733-70

Tgt Ion: 43 Resp: 33224

Ion Ratio Lower Upper

43 100

72 26.4 21.9 32.9



#31

Cyclohexane

Concen: 1.075 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY005432.D

Acq: 23 Jul 2021 21:41

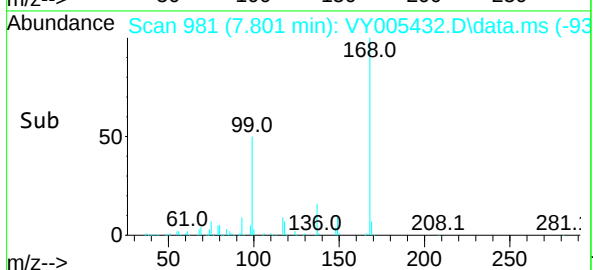
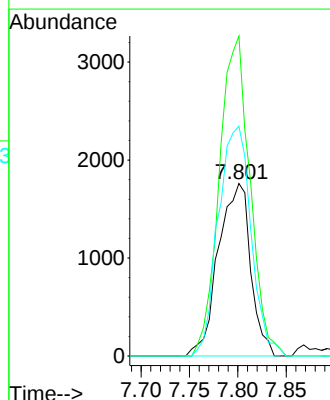
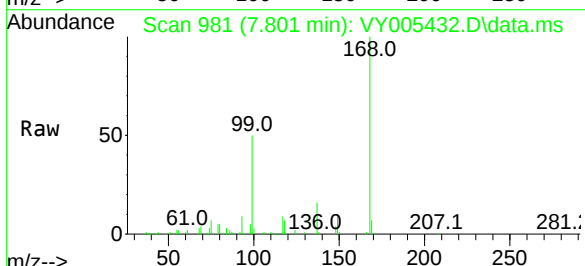
Tgt Ion: 56 Resp: 4077

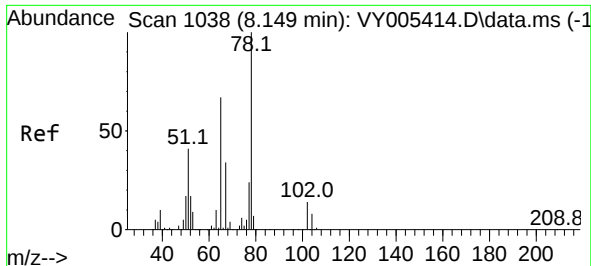
Ion Ratio Lower Upper

56 100

69 185.5 28.7 43.1#

84 133.2 73.0 109.6#

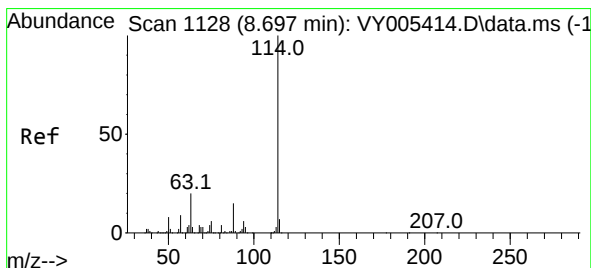
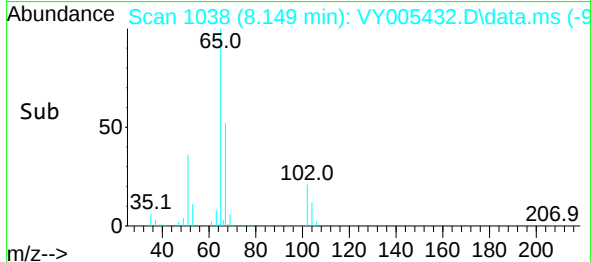
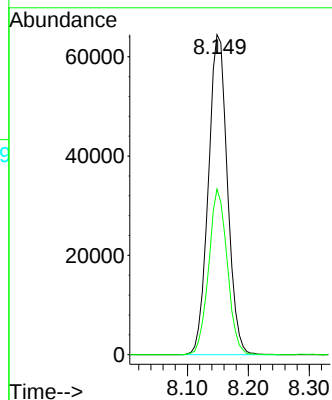
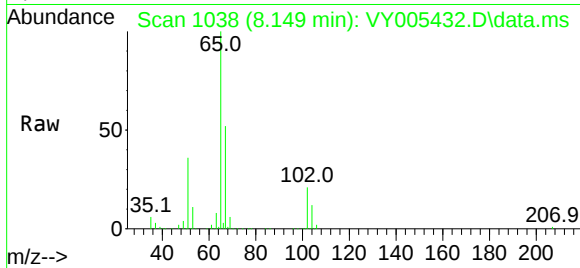




#33
1,2-Dichloroethane-d4
Concen: 63.052 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

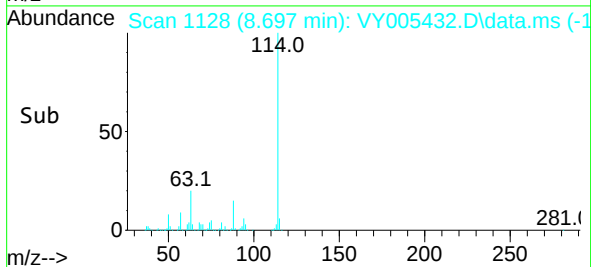
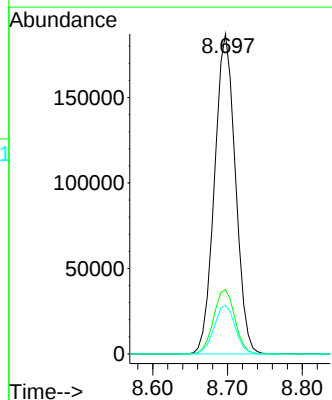
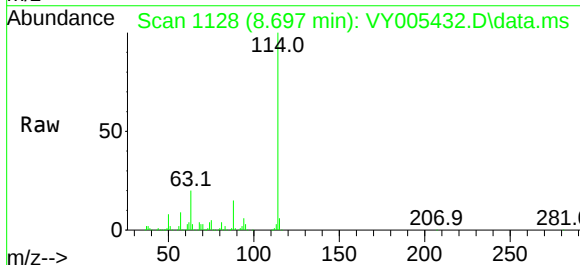
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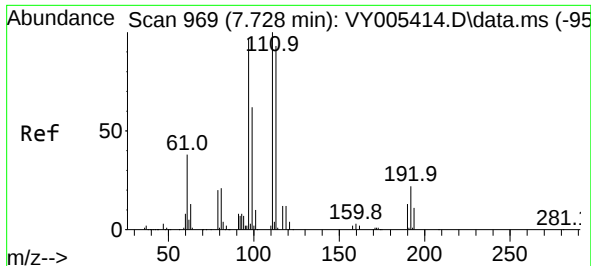
Tgt Ion: 65 Resp: 139988
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

Tgt Ion:114 Resp: 363246
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.0
88 15.2 0.0 30.8

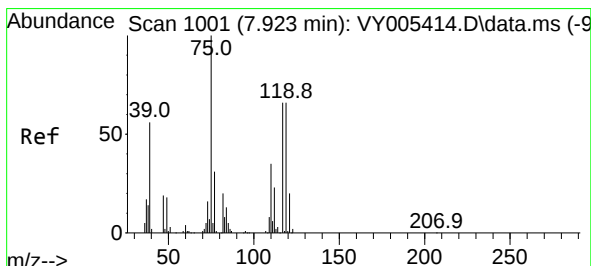
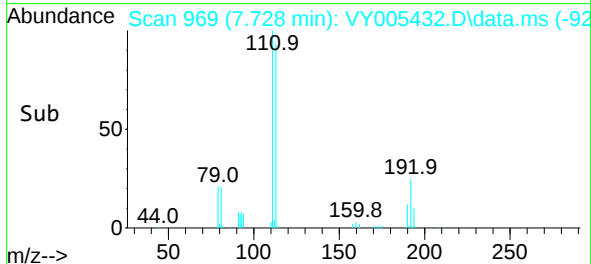
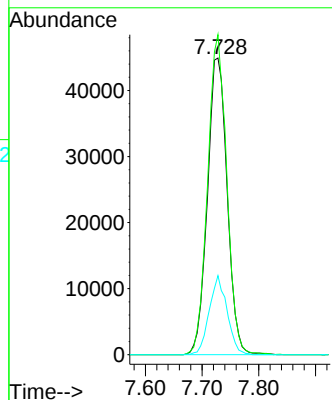
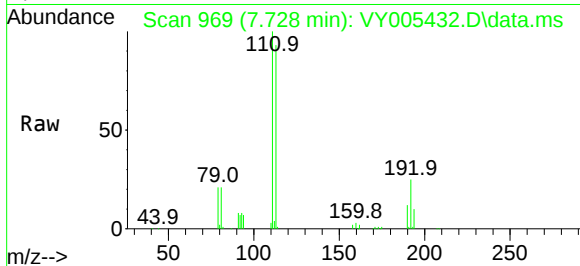




#35
Dibromofluoromethane
Concen: 51.922 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

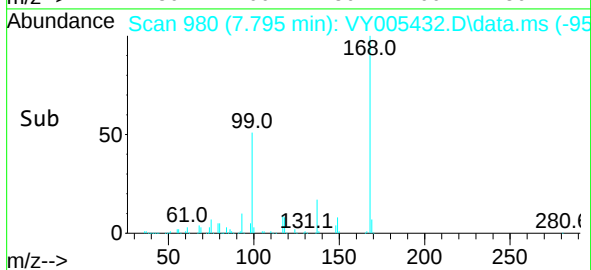
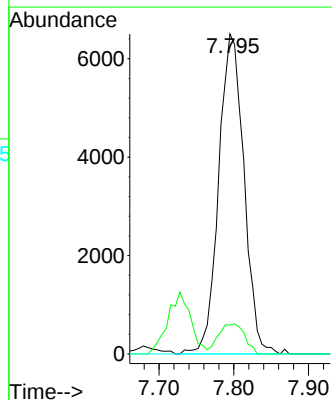
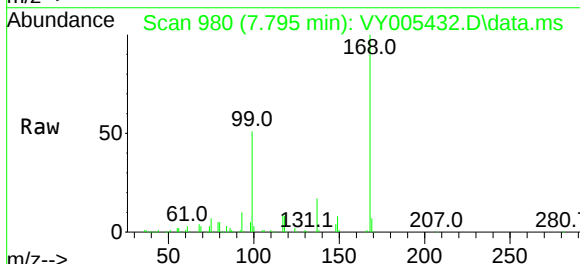
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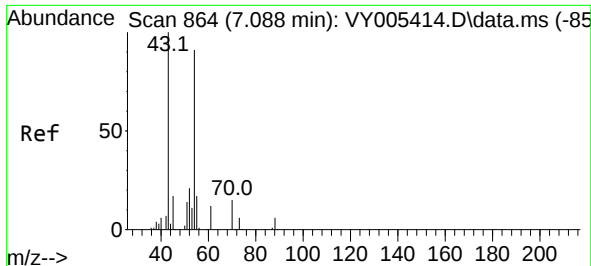
Tgt Ion:113 Resp: 108901
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 24.0 18.9 28.3



#36
1,1-Dichloropropene
Concen: 4.353 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

Tgt Ion: 75 Resp: 15290
Ion Ratio Lower Upper
75 100
110 9.8 17.6 52.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 15.540 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.092 min

Lab File: VY005432.D

Acq: 23 Jul 2021 21:41

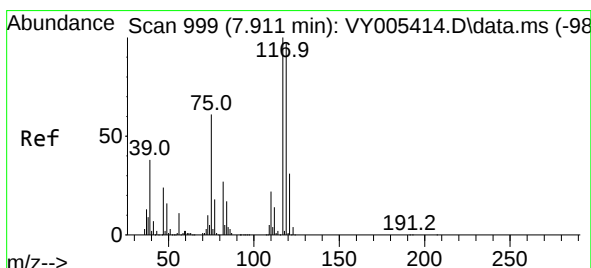
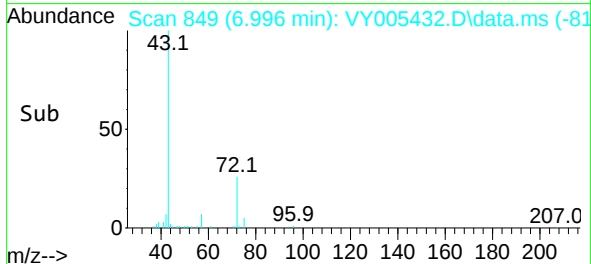
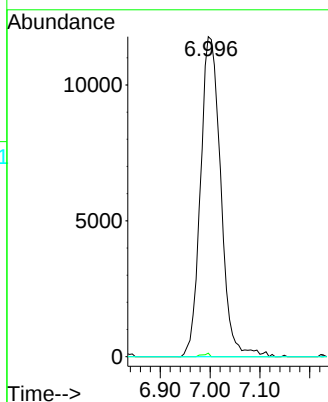
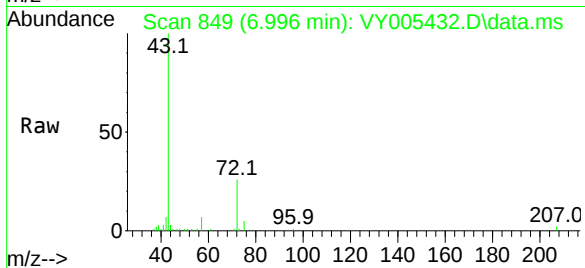
Instrument :

MSVOA_Y

ClientSampleId :

20210733-70

Tgt Ion: 43	Resp: 33224
Ion Ratio	Lower Upper
43 100	
61 0.4	10.3 15.5#
70 0.0	7.9 11.9#



#38

Carbon Tetrachloride

Concen: 5.028 ug/l

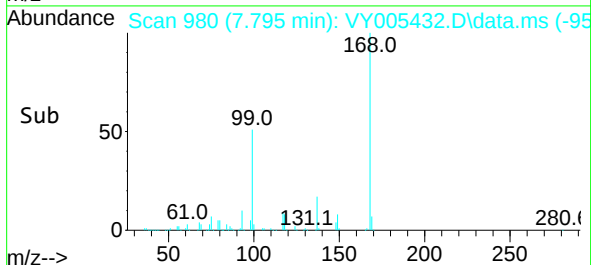
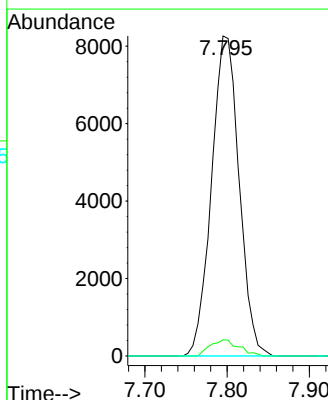
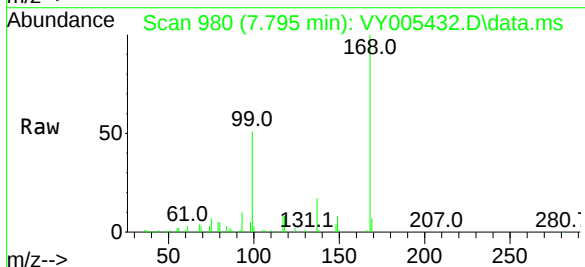
RT: 7.795 min Scan# 980

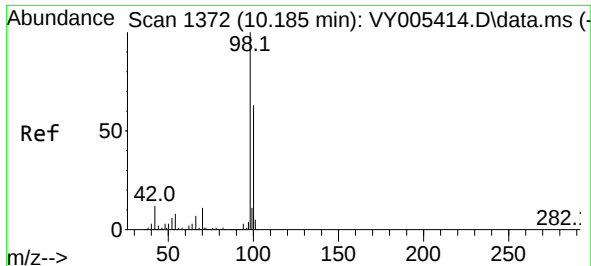
Delta R.T. -0.116 min

Lab File: VY005432.D

Acq: 23 Jul 2021 21:41

Tgt Ion: 117	Resp: 19296
Ion Ratio	Lower Upper
117 100	
119 5.0	77.2 115.8#
121 0.0	25.1 37.7#

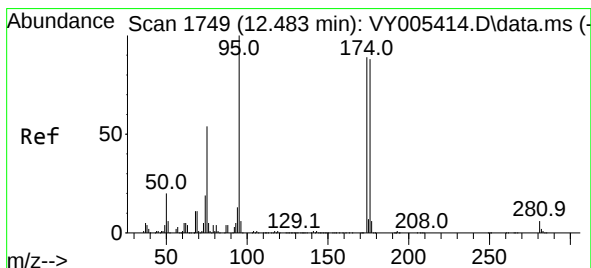
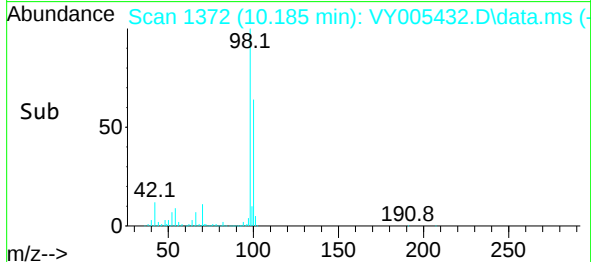
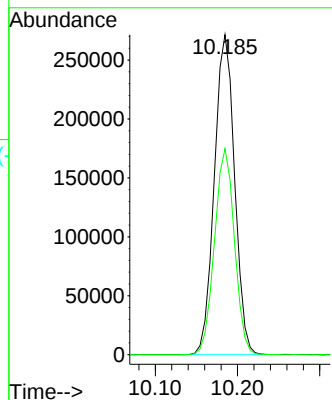
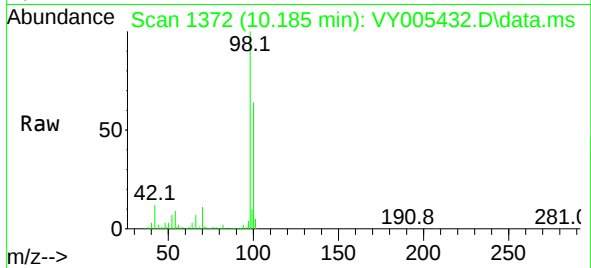




#50
Toluene-d8
Concen: 52.326 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

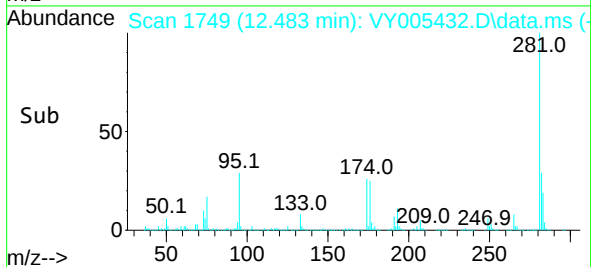
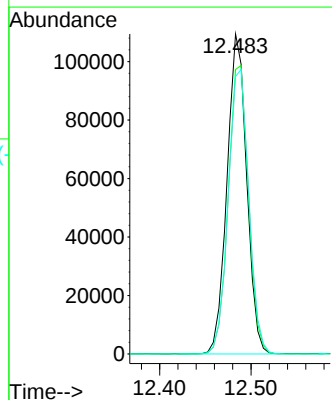
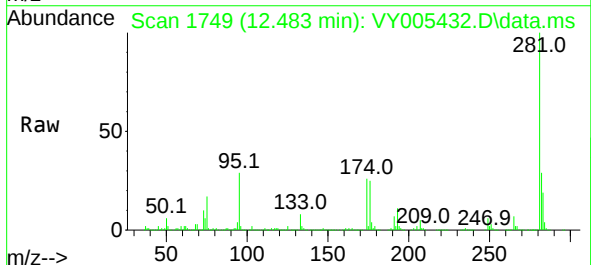
Instrument :
MSVOA_Y
ClientSampleId :
20210733-70

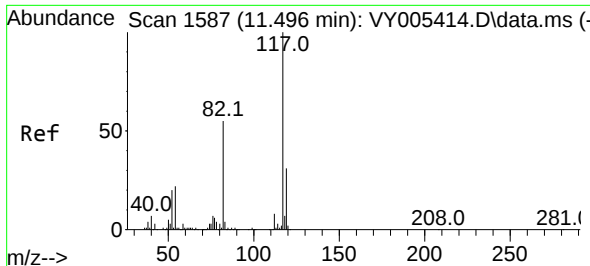
Tgt Ion: 98 Resp: 465159
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 55.763 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

Tgt Ion: 95 Resp: 163606
Ion Ratio Lower Upper
95 100
174 92.9 0.0 186.6
176 93.0 0.0 182.4

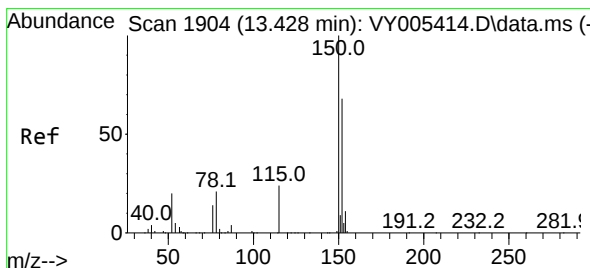
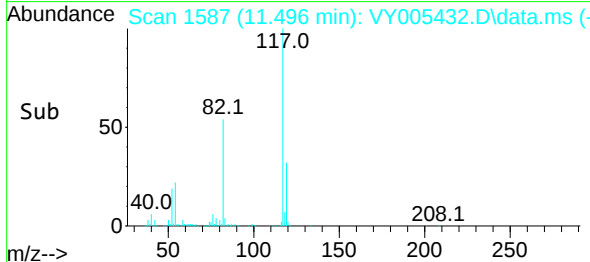
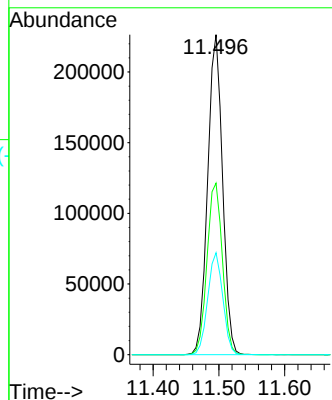
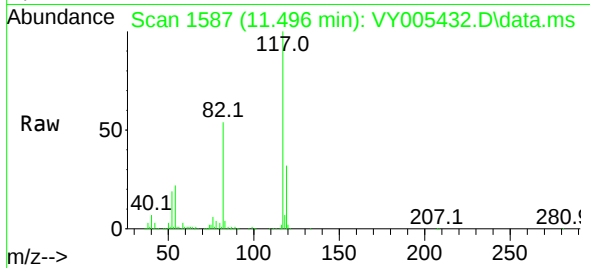




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

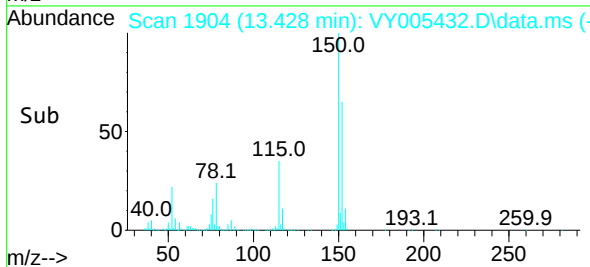
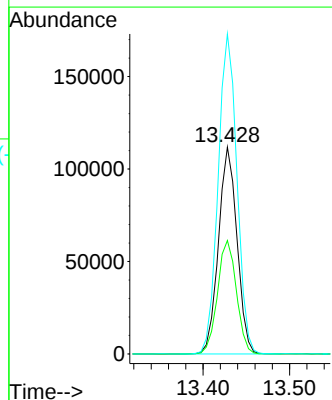
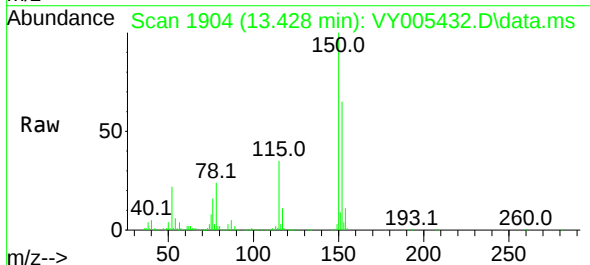
Instrument :
MSVOA_Y
ClientSampleId :
20210733-70

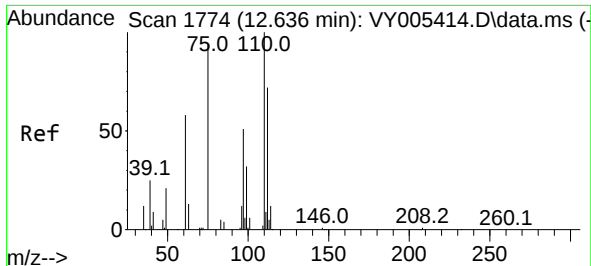
Tgt Ion:	117	Resp:	356082
Ion Ratio	Lower	Upper	
117	100		
82	53.6	43.8	65.6
119	31.8	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

Tgt Ion:	152	Resp:	166319
Ion Ratio	Lower	Upper	
152	100		
115	55.9	27.7	83.1
150	156.9	0.0	349.6

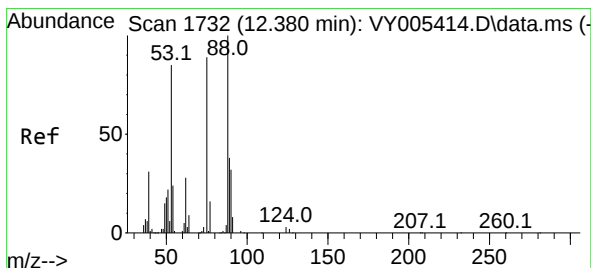
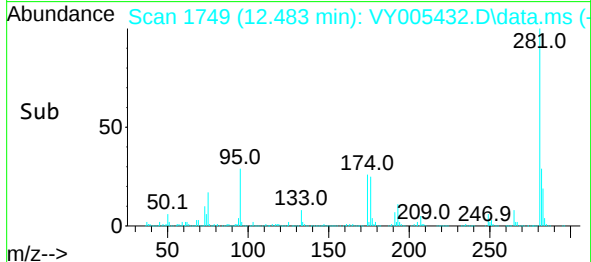
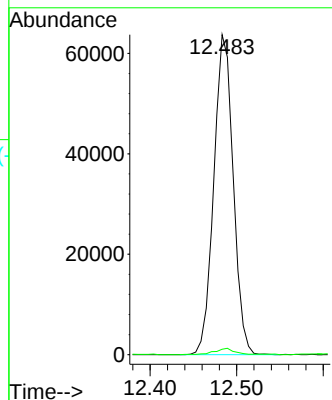
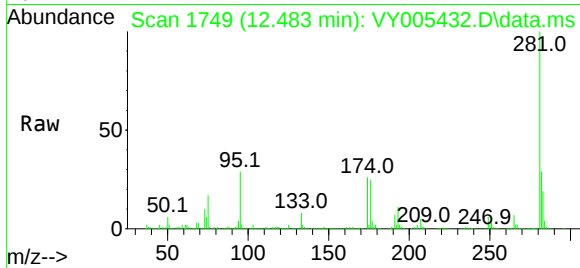




#76
1,2,3-Trichloropropane
Concen: 60.566 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

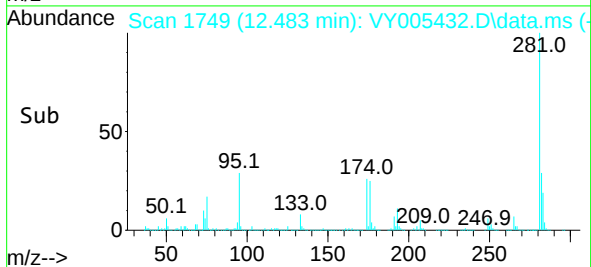
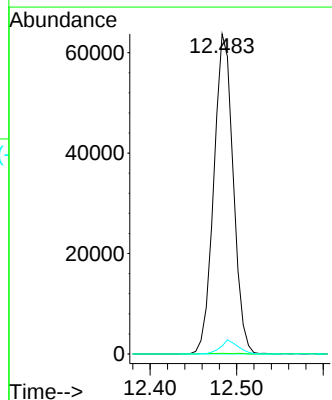
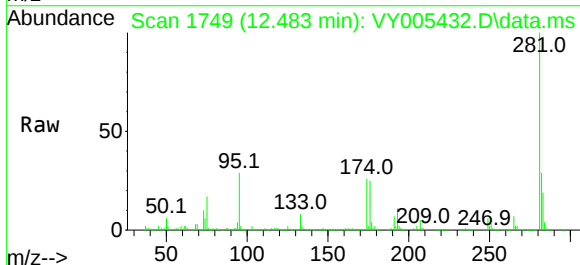
Instrument :
MSVOA_Y
ClientSampleId :
20210733-70

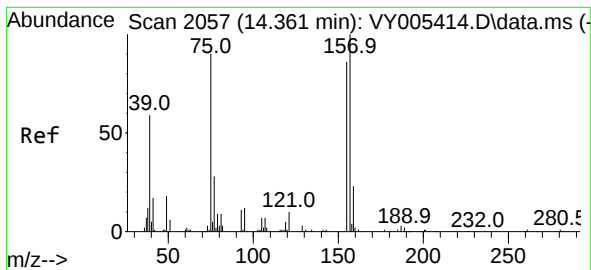
Tgt Ion: 75 Resp: 99119
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.602 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005432.D
Acq: 23 Jul 2021 21:41

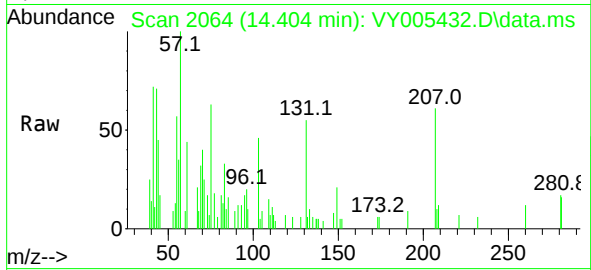
Tgt Ion: 75 Resp: 99119
Ion Ratio Lower Upper
75 100
53 0.3 76.1 114.1#
89 4.0 36.9 55.3#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.965 ug/l
 RT: 14.404 min Scan# 2064
 Delta R.T. 0.043 min
 Lab File: VY005432.D
 Acq: 23 Jul 2021 21:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210733-70



Tgt Ion: 75 Resp: 1259
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.6 130.8#
 157 0.0 54.1 162.3#

