

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005428.D
 Acq On : 23 Jul 2021 20:09
 Operator : SY/MD
 Sample : M3159-01
 Misc : 10.73G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210729-34

Quant Time: Jul 24 03:03:16 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)

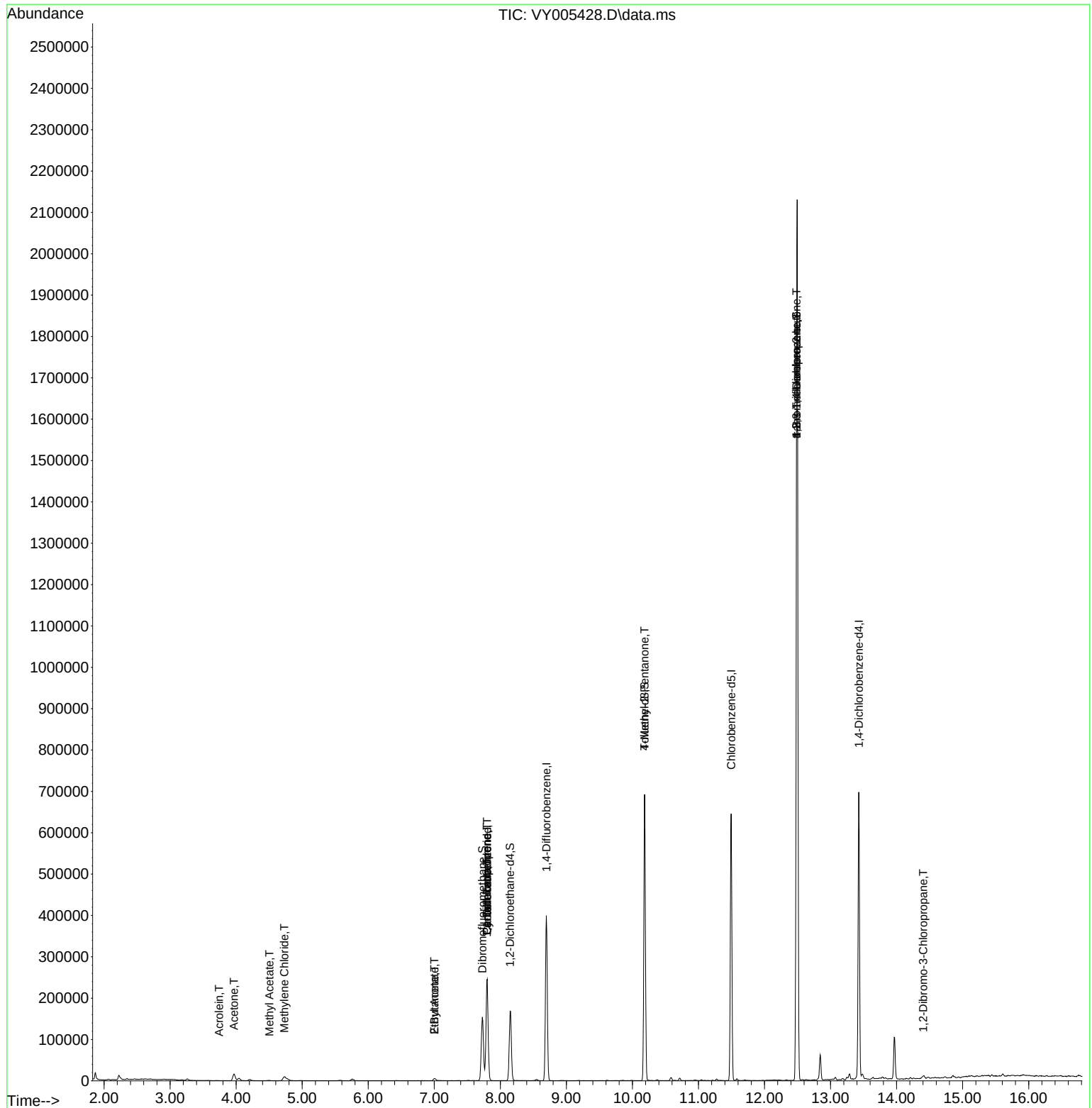
Internal Standards						
1) Pentafluorobenzene	7.801	168	193852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	343253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	140379	67.783	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.560%			
35) Dibromofluoromethane	7.728	113	103908	53.941	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.880%			
50) Toluene-d8	10.185	98	430470	52.724	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.440%			
62) 4-Bromofluorobenzene	12.483	95	163162	60.550	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 121.100%			
Target Compounds						
					Qvalue	
13) Acrolein	3.741	56	217	1.211	ug/l #	23
16) Acetone	3.966	43	28500	60.260	ug/l	91
18) Methyl Acetate	4.503	43	1484	1.116	ug/l	99
20) Methylene Chloride	4.728	84	6743	1.411	ug/l	91
25) 2-Butanone	7.002	43	8565	12.093	ug/l #	86
31) Cyclohexane	7.801	56	4071	1.151	ug/l #	23
36) 1,1-Dichloropropene	7.795	75	14057	4.358	ug/l #	49
37) Ethyl Acetate	7.002	43	8565	4.362	ug/l #	70
38) Carbon Tetrachloride	7.801	117	17710	5.024	ug/l #	15
51) 4-Methyl-2-Pentanone	10.185	43	1910	1.012	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	96730	56.966	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	96730	110.613	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.404	75	1142	2.592	ug/l #	1

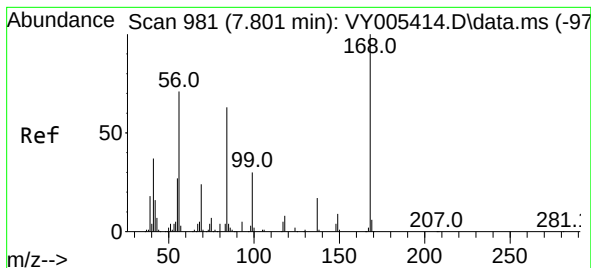
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY005428.D

Acq: 23 Jul 2021 20:09

Tgt Ion:168 Resp: 193852

Ion Ratio Lower Upper

168 100

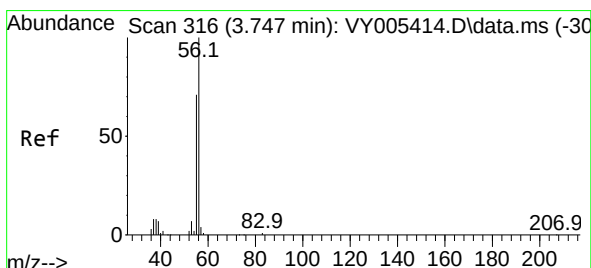
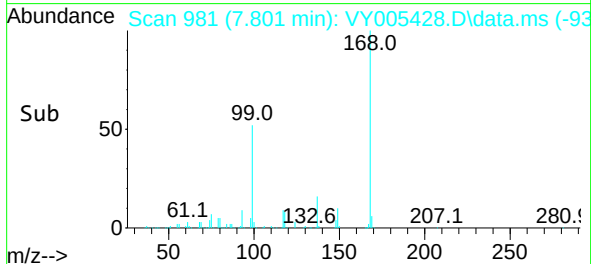
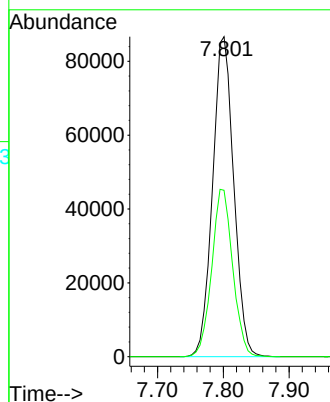
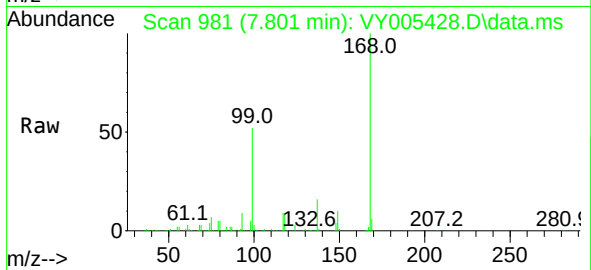
99 52.0 39.8 59.6

Instrument :

MSVOA_Y

ClientSampleId :

20210729-34



#13

Acrolein

Concen: 1.211 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY005428.D

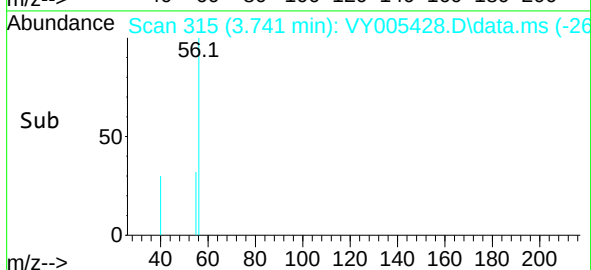
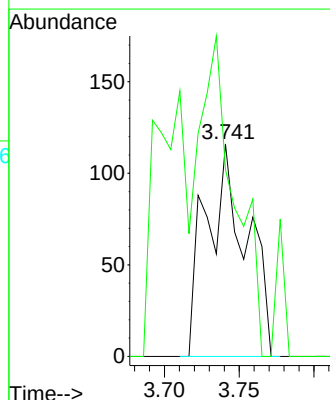
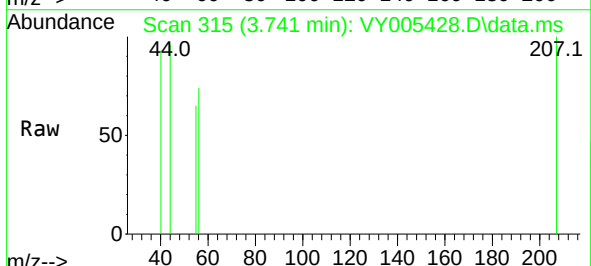
Acq: 23 Jul 2021 20:09

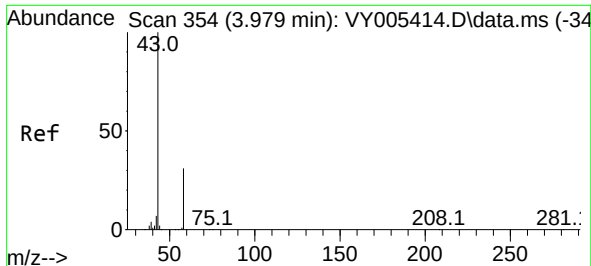
Tgt Ion: 56 Resp: 217

Ion Ratio Lower Upper

56 100

55 131.8 55.2 82.8#

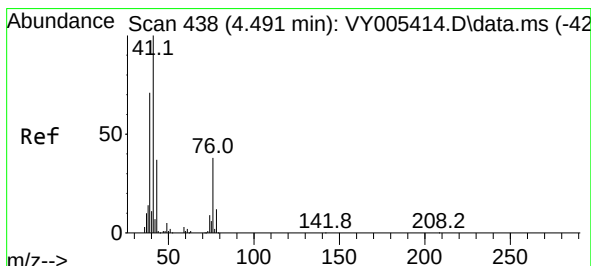
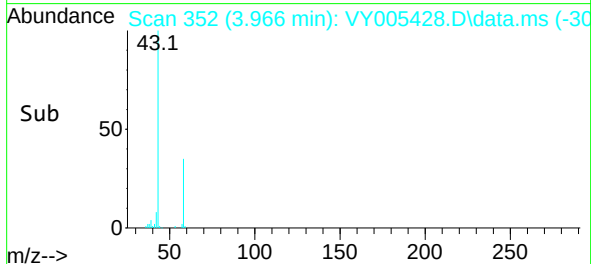
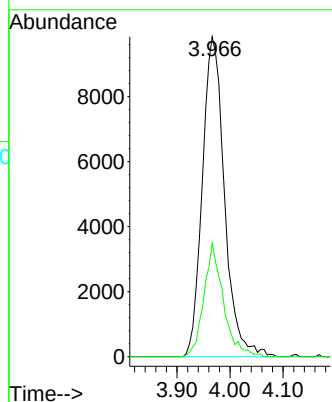
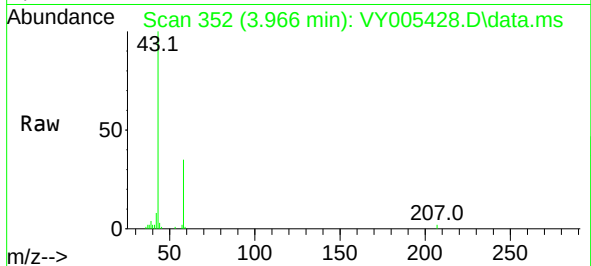




#16
Acetone
Concen: 60.260 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09

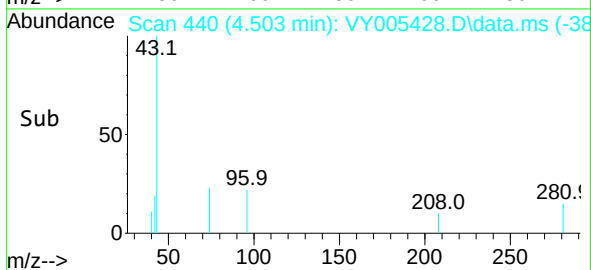
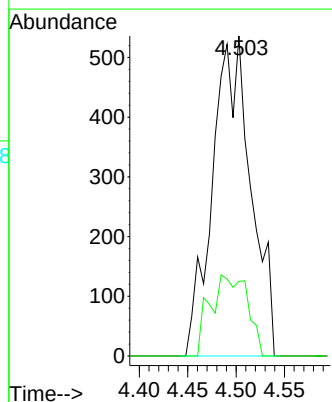
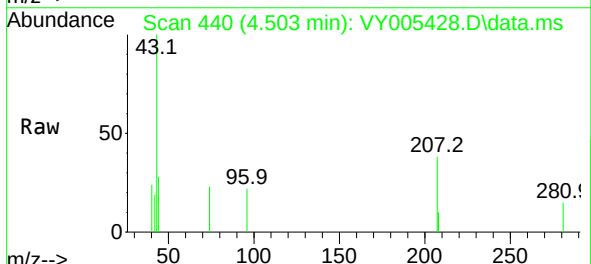
Instrument :
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20210729-34

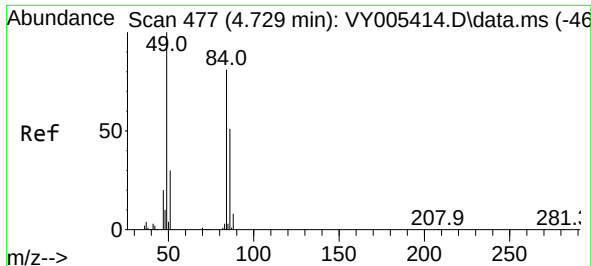
Tgt Ion: 43 Resp: 28500
Ion Ratio Lower Upper
43 100
58 35.5 24.5 36.7



#18
Methyl Acetate
Concen: 1.116 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09

Tgt Ion: 43 Resp: 1484
Ion Ratio Lower Upper
43 100
74 24.6 19.2 28.8

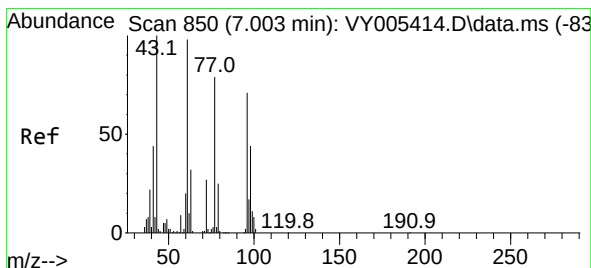
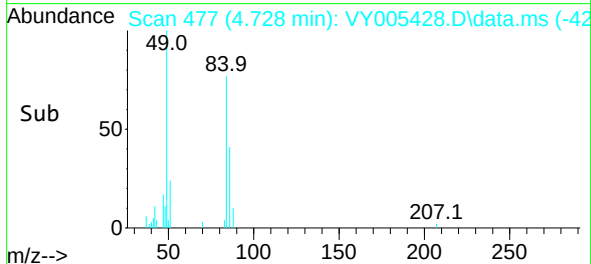
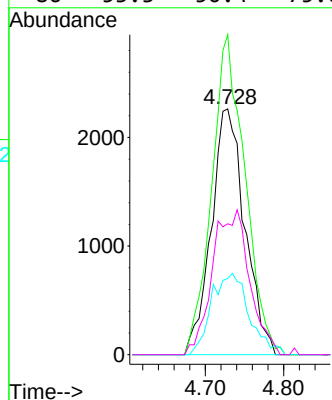
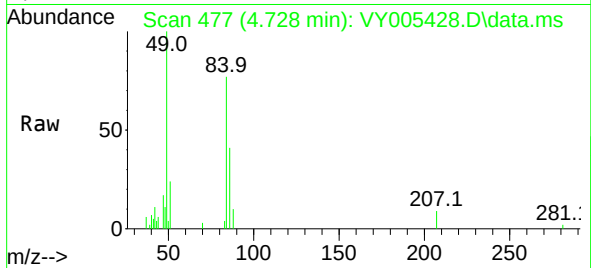




#20
Methylene Chloride
Concen: 1.411 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09

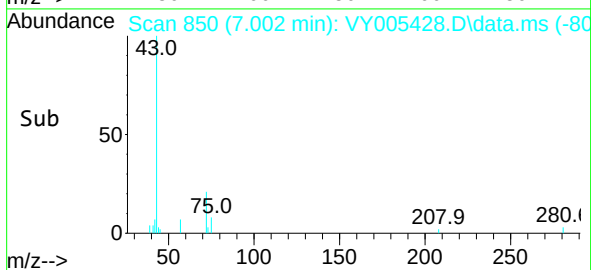
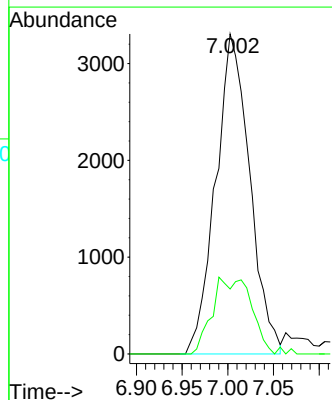
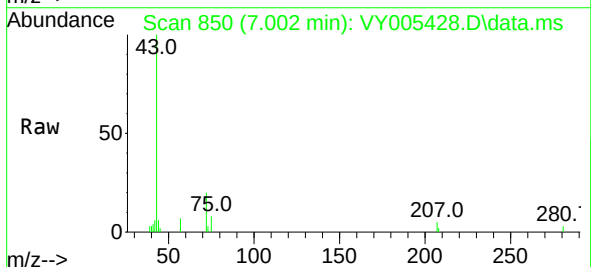
Instrument :
MSVOA_Y
ClientSampleId :
20210729-34

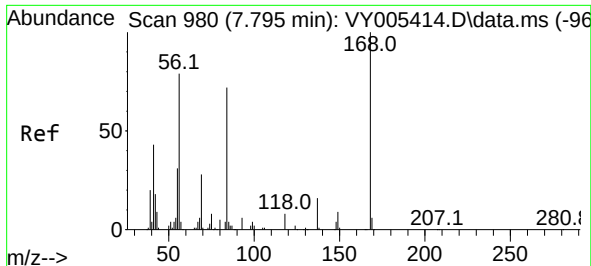
Tgt Ion:	84	Resp:	6743
Ion	Ratio	Lower	Upper
84	100		
49	130.2	98.9	148.3
51	31.0	30.0	45.0
86	53.3	50.4	75.6



#25
2-Butanone
Concen: 12.093 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09

Tgt Ion:	43	Resp:	8565
Ion	Ratio	Lower	Upper
43	100		
72	20.3	21.9	32.9#

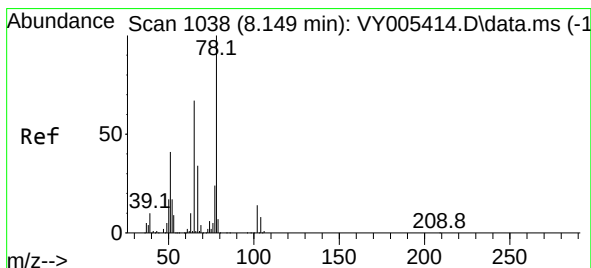
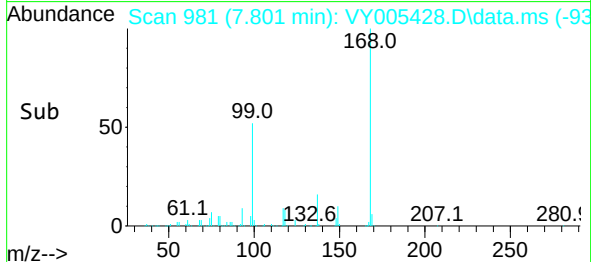
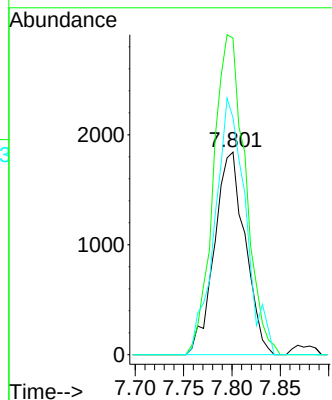
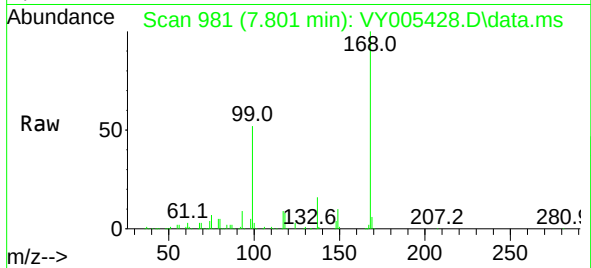




#31
Cyclohexane
Concen: 1.151 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09

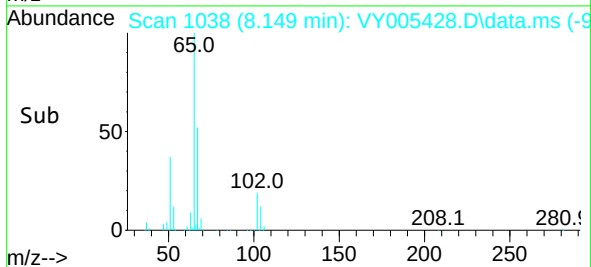
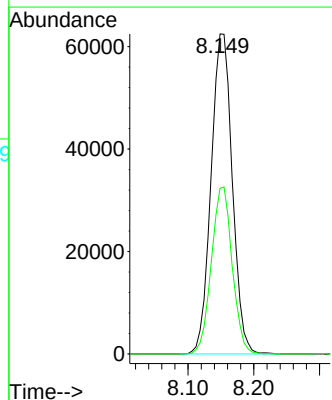
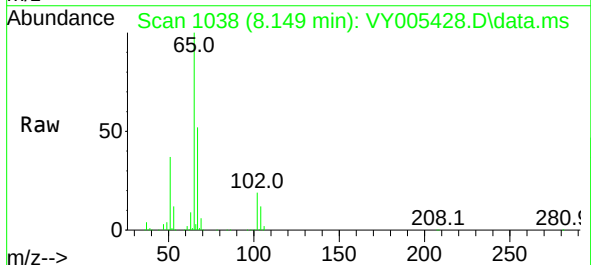
Instrument :
MSVOA_Y
ClientSampleId :
20210729-34

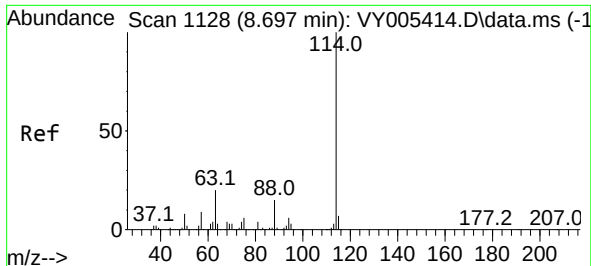
Tgt Ion: 56 Resp: 4071
Ion Ratio Lower Upper
56 100
69 156.4 28.7 43.1#
84 116.9 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 67.783 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09

Tgt Ion: 65 Resp: 140379
Ion Ratio Lower Upper
65 100
67 51.2 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: VY005428.D

Acq: 23 Jul 2021 20:09

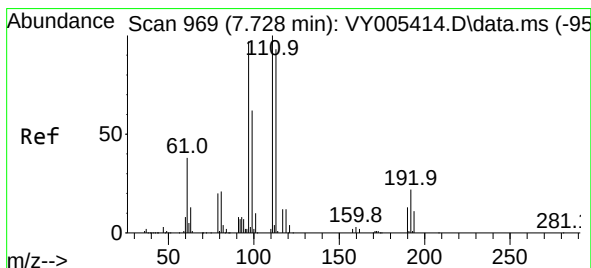
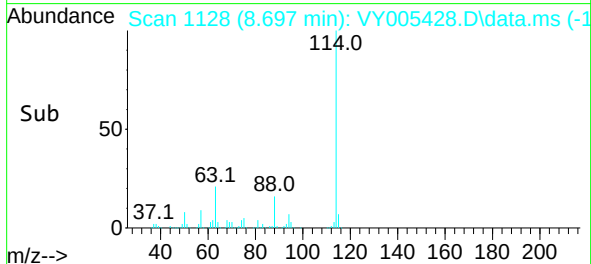
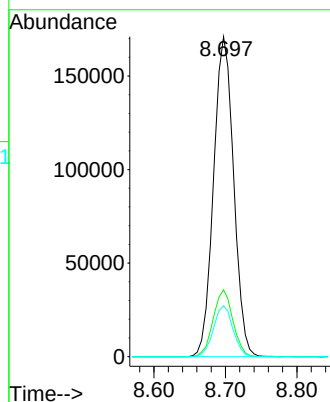
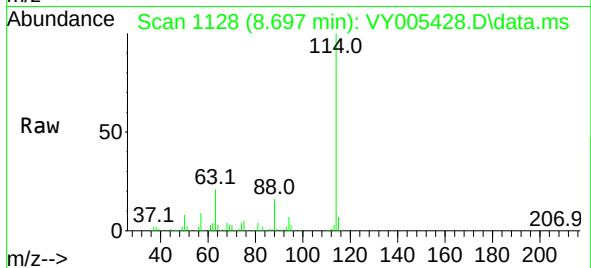
Instrument :

MSVOA_Y

ClientSampleId :

20210729-34

Tgt Ion:114	Resp: 333617
Ion Ratio	Lower Upper
114 100	
63 20.9	0.0 39.0
88 15.9	0.0 30.8



#35

Dibromofluoromethane

Concen: 53.941 ug/l

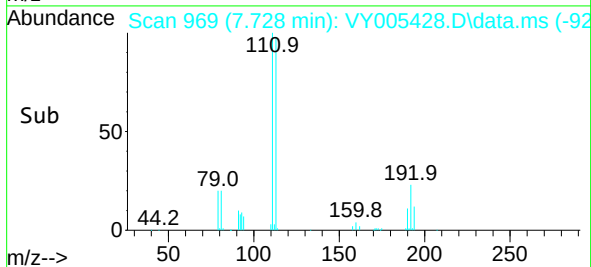
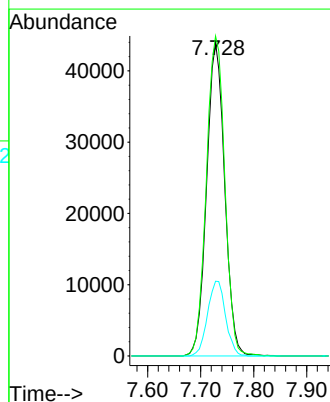
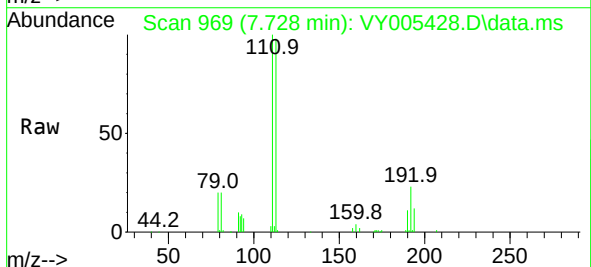
RT: 7.728 min Scan# 969

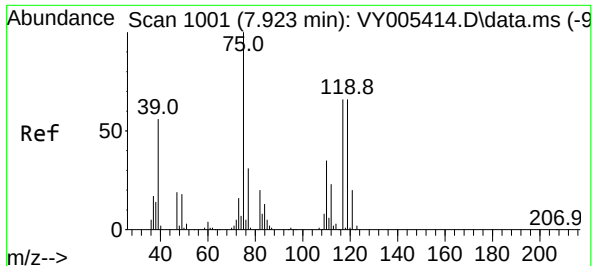
Delta R.T. -0.000 min

Lab File: VY005428.D

Acq: 23 Jul 2021 20:09

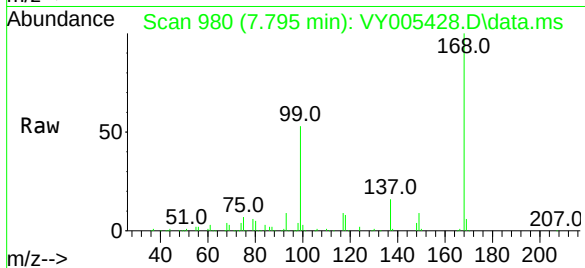
Tgt Ion:113	Resp: 103908
Ion Ratio	Lower Upper
113 100	
111 104.3	82.6 124.0
192 23.8	18.9 28.3



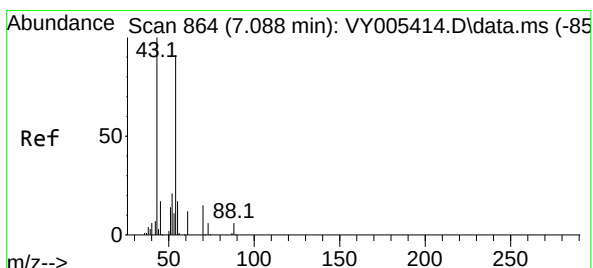
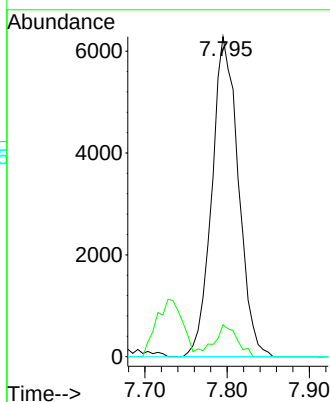
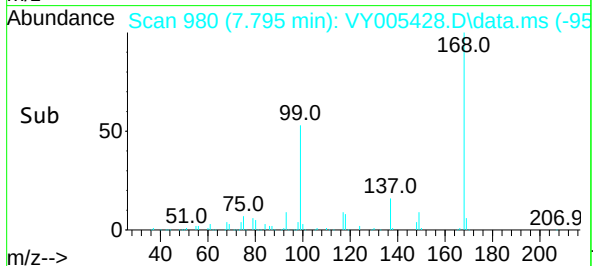


#36
1,1-Dichloropropene
Concen: 4.358 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09

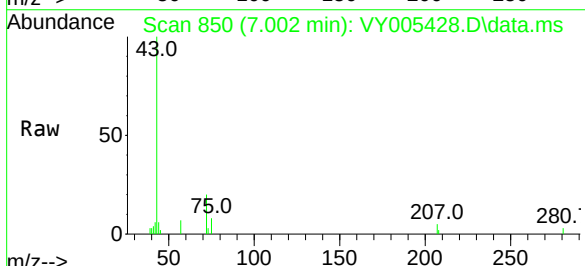
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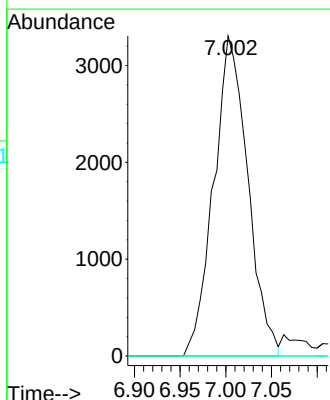
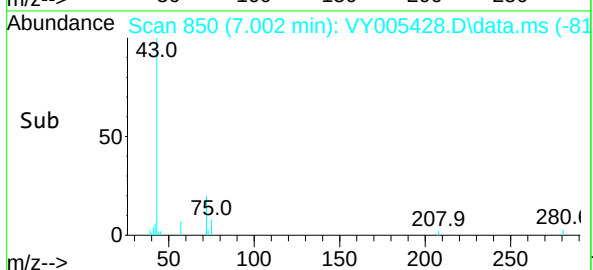
Tgt Ion: 75 Resp: 14057
Ion Ratio Lower Upper
75 100
110 8.2 17.6 52.9#
77 0.0 24.6 37.0#

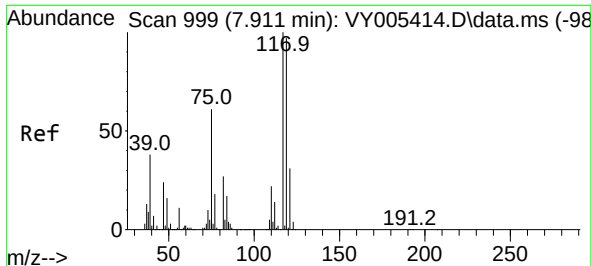


#37
Ethyl Acetate
Concen: 4.362 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.085 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09



Tgt Ion: 43 Resp: 8565
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 7.9 11.9#

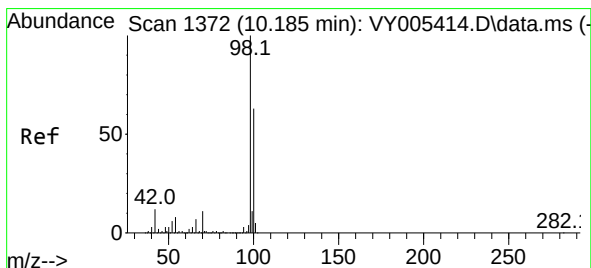
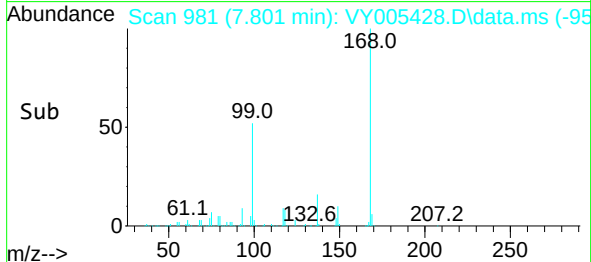
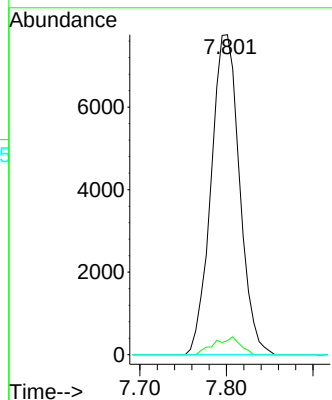
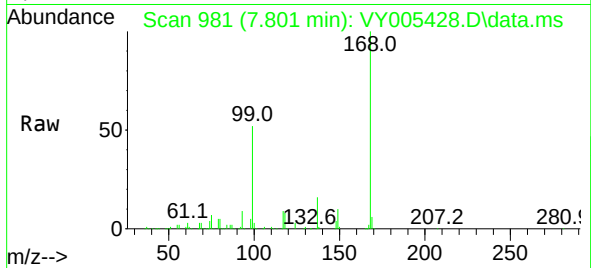




#38
Carbon Tetrachloride
Concen: 5.024 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09

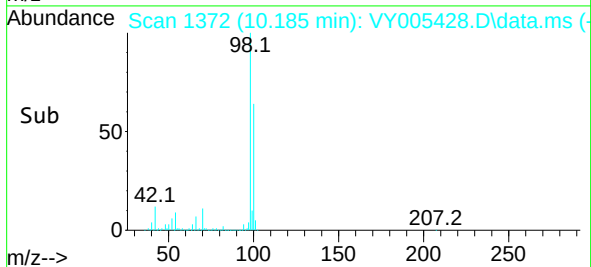
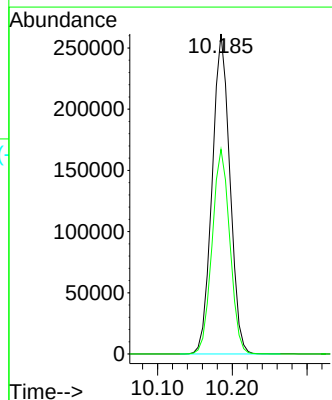
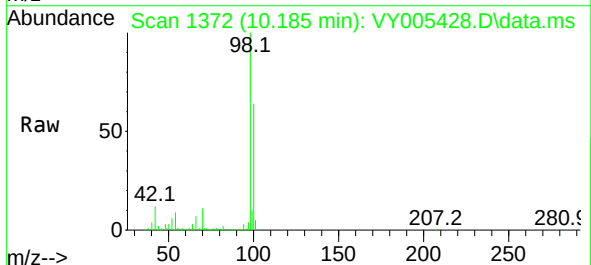
Instrument :
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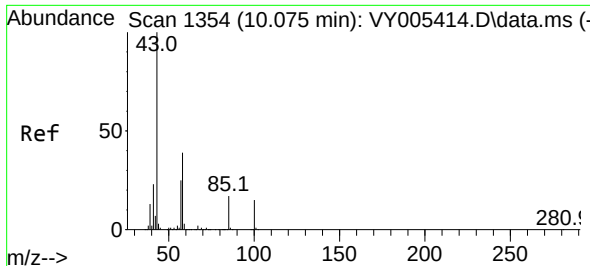
Tgt Ion:117 Resp: 17710
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.724 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09

Tgt Ion: 98 Resp: 430470
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

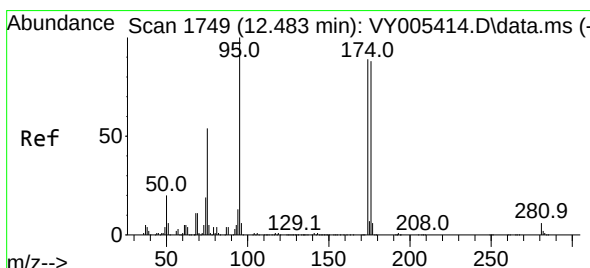
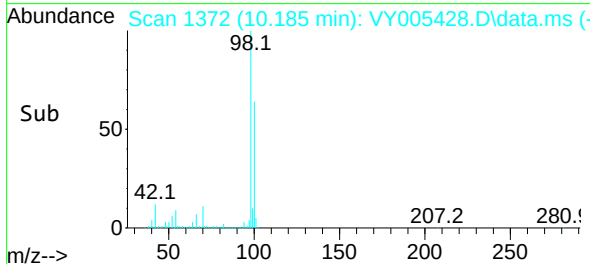
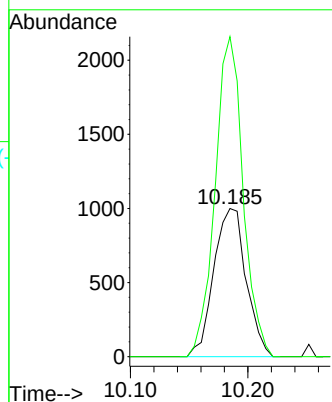
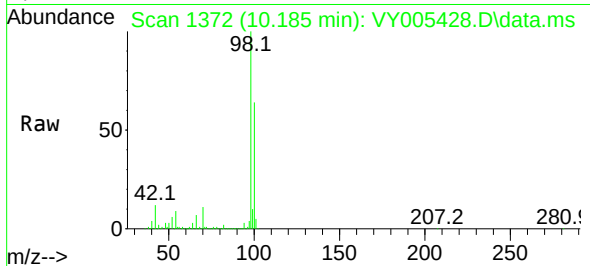




#51
4-Methyl-2-Pentanone
Concen: 1.012 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09

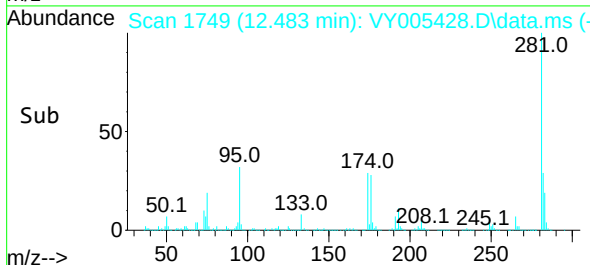
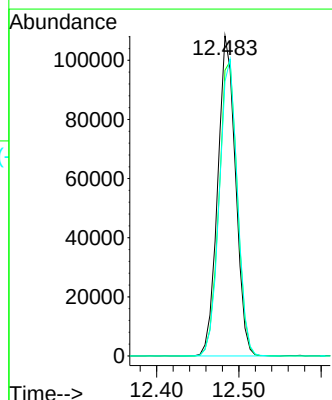
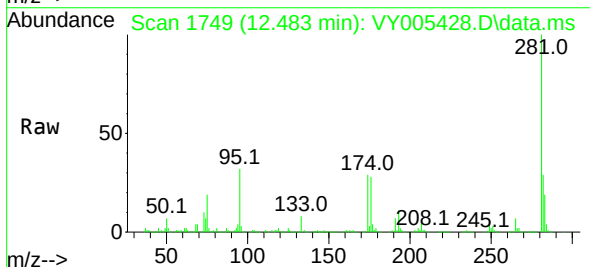
Instrument :
MSVOA_Y
ClientSampleId :
20210729-34

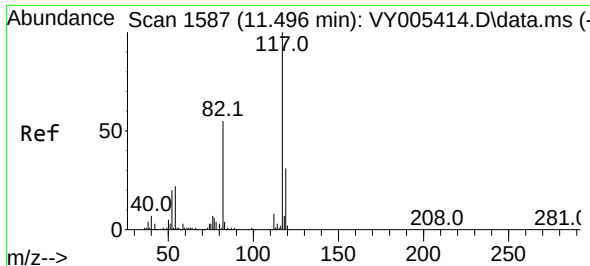
Tgt Ion: 43 Resp: 1910
Ion Ratio Lower Upper
43 100
58 187.5 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 60.550 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09

Tgt Ion: 95 Resp: 163162
Ion Ratio Lower Upper
95 100
174 94.4 0.0 186.6
176 93.7 0.0 182.4

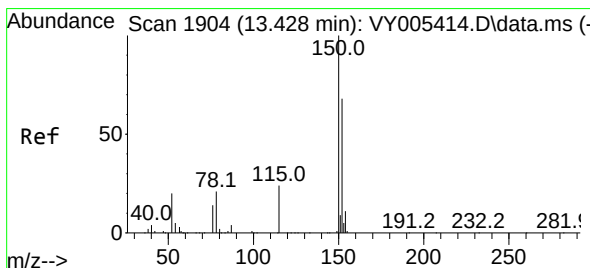
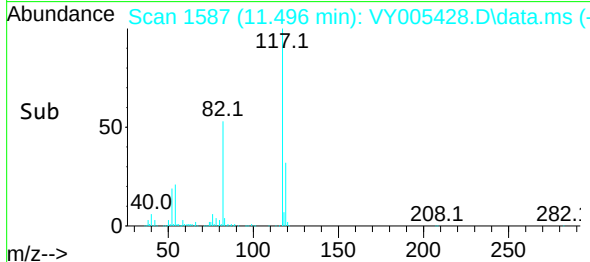
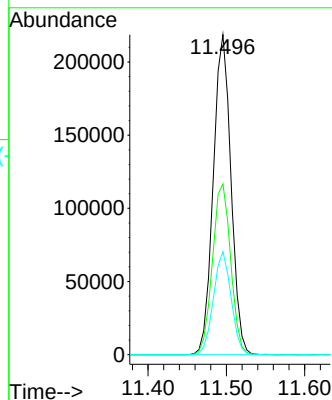
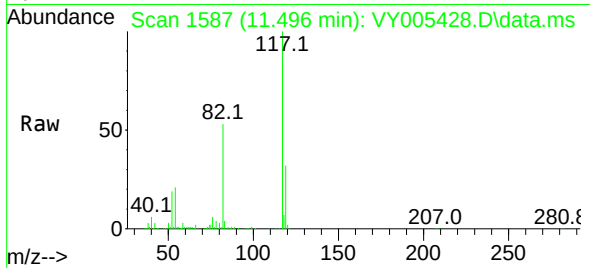




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09

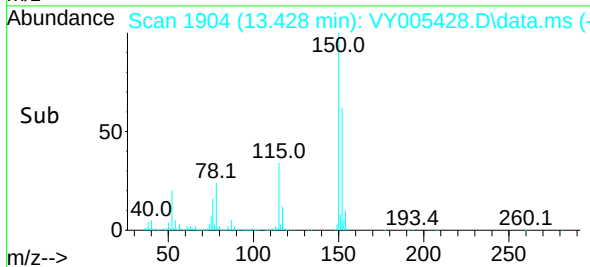
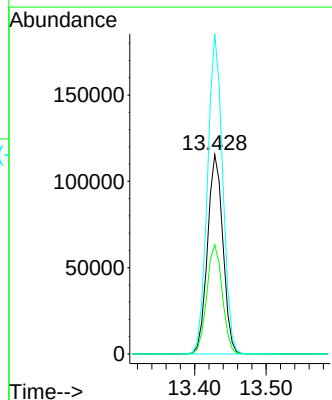
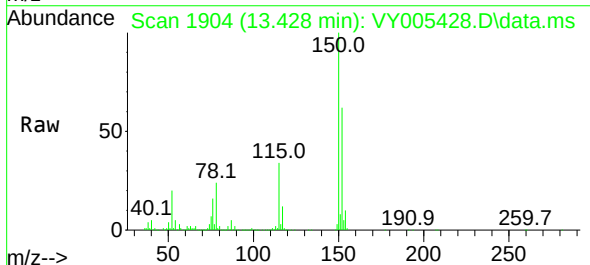
Instrument :
MSVOA_Y
ClientSampleId :
20210729-34

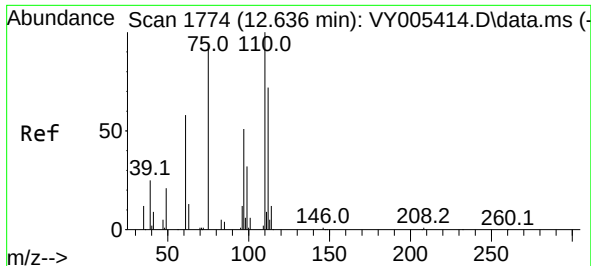
Tgt Ion:	117	Resp:	343253
Ion Ratio	Lower	Upper	
117	100		
82	53.4	43.8	65.6
119	32.2	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09

Tgt Ion:	152	Resp:	172567
Ion Ratio	Lower	Upper	
152	100		
115	55.3	27.7	83.1
150	158.6	0.0	349.6

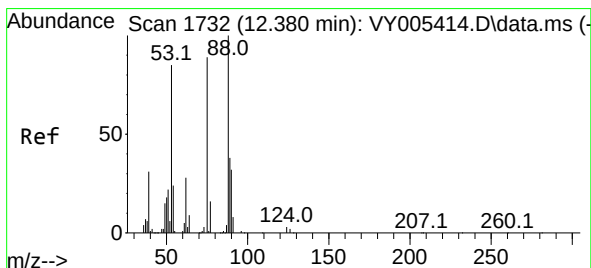
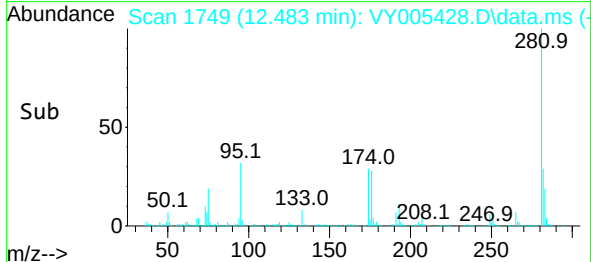
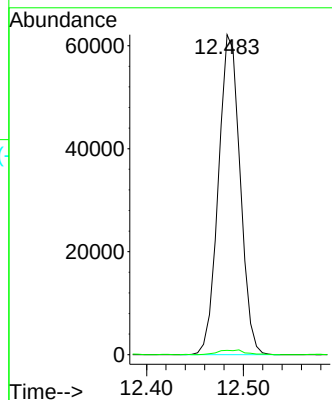
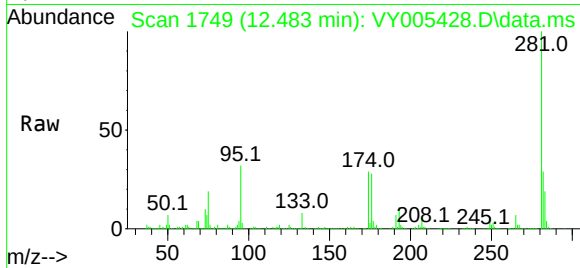




#76
1,2,3-Trichloropropane
Concen: 56.966 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09

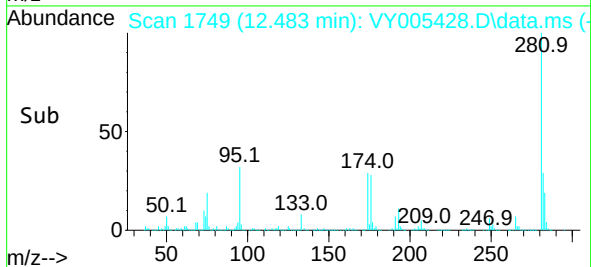
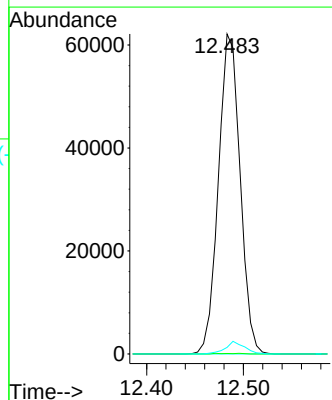
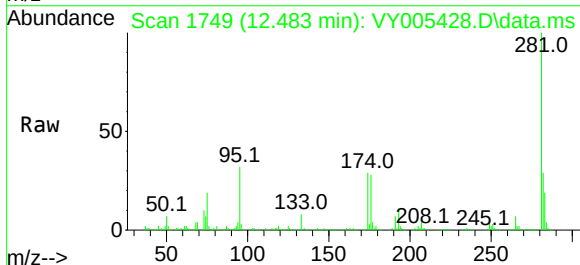
Instrument :
MSVOA_Y
ClientSampleId :
20210729-34

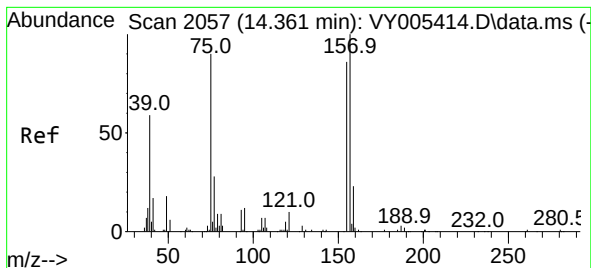
Tgt Ion: 75 Resp: 96730
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.613 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005428.D
Acq: 23 Jul 2021 20:09

Tgt Ion: 75 Resp: 96730
Ion Ratio Lower Upper
75 100
53 0.2 76.1 114.1#
89 3.4 36.9 55.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.592 ug/l

RT: 14.404 min Scan# 2064

Delta R.T. 0.043 min

Lab File: VY005428.D

Acq: 23 Jul 2021 20:09

Tgt Ion: 75 Resp: 1142

Ion Ratio Lower Upper

75 100

155 0.0 43.6 130.8#

157 0.0 54.1 162.3#

Instrument :

MSVOA_Y

ClientSampleId :

20210729-34

