

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
 Data File : VY005615.D
 Acq On : 12 Aug 2021 12:23
 Operator : SY/MD
 Sample : M3318-03RE
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

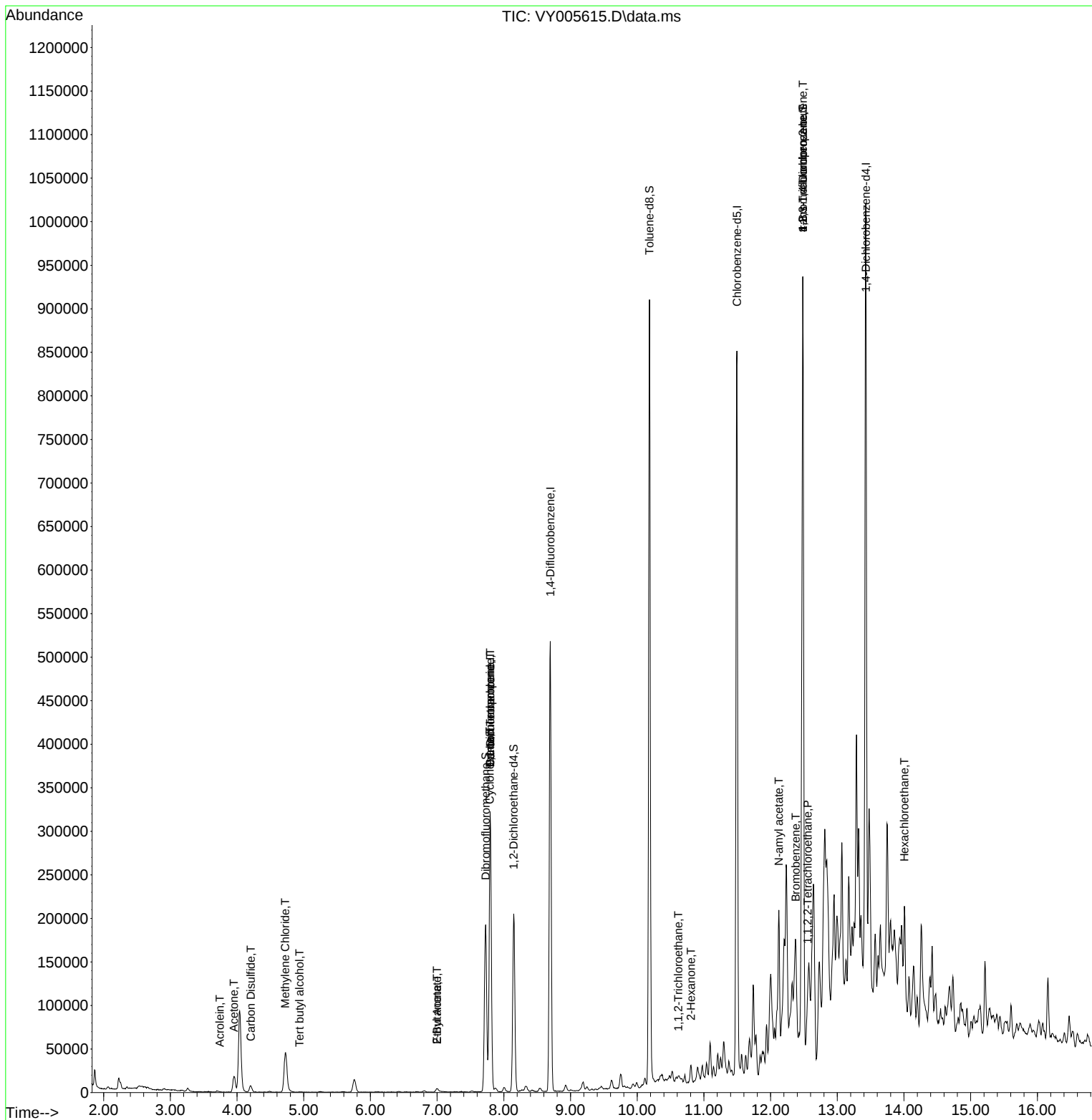
Quant Time: Aug 13 04:20:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

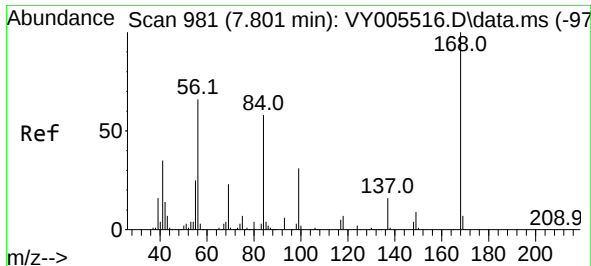
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	256639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	432476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	455258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	233019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	163154	62.804	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.600%			
35) Dibromofluoromethane	7.728	113	134558	55.572	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.140%			
50) Toluene-d8	10.185	98	561626	55.306	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.620%			
62) 4-Bromofluorobenzene	12.483	95	215945	64.216	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 128.440%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	266	1.036	ug/l #	73
13) Acrolein	3.741	56	180	1.162	ug/l #	14
16) Acetone	3.954	43	32769	50.031	ug/l	99
17) Carbon Disulfide	4.204	76	15196	2.229	ug/l	99
20) Methylene Chloride	4.722	84	34666	8.294	ug/l	88
25) 2-Butanone	6.996	43	5112	5.280	ug/l	99
31) Cyclohexane	7.789	56	8061	1.809	ug/l #	52
36) 1,1-Dichloropropene	7.795	75	18180	4.482	ug/l #	50
37) Ethyl Acetate	6.996	43	5112	2.080	ug/l #	69
38) Carbon Tetrachloride	7.795	117	22858	5.185	ug/l #	16
55) 1,1,2-Trichloroethane	10.618	97	3547	1.526	ug/l #	19
59) 2-Hexanone	10.807	43	8470	4.891	ug/l #	31
74) N-amyl acetate	12.123	43	40086	8.187	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.556	83	5183	1.657	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	115751	47.935	ug/l #	100
77) Bromobenzene	12.379	156	4542	1.137	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	115751	96.631	ug/l #	11
90) Hexachloroethane	14.007	117	4726	1.752	ug/l #	3

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

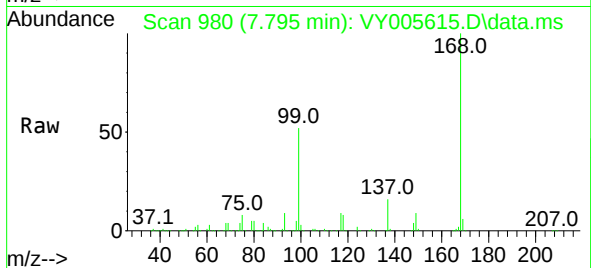
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration



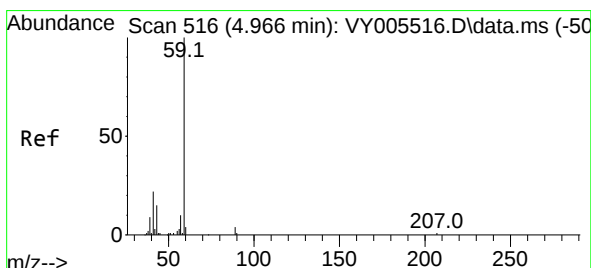
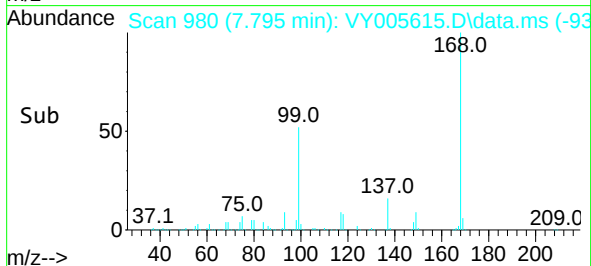
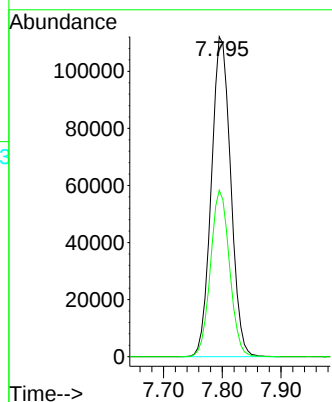


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

Instrument :
MSVOA_Y
ClientSampleId :

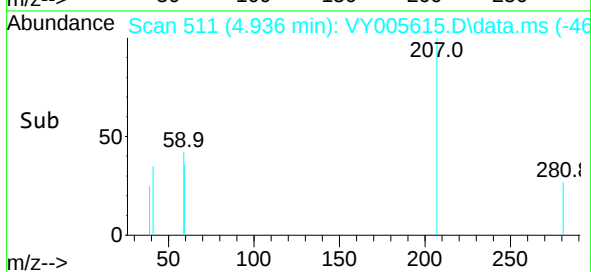
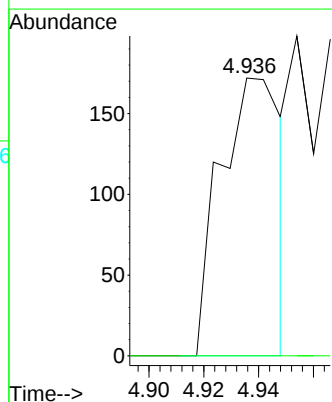
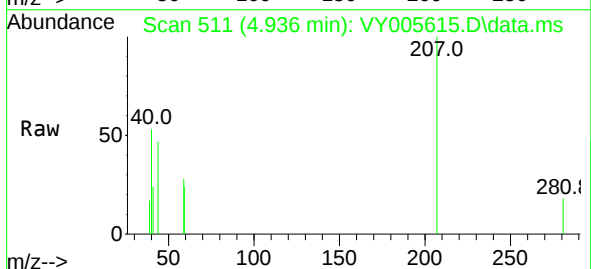


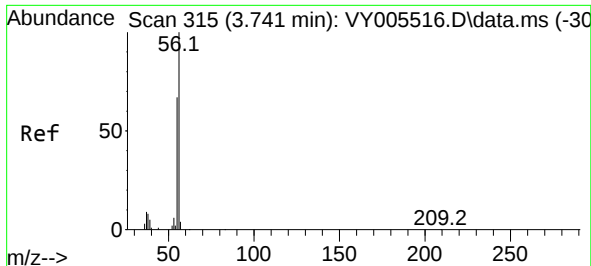
Tgt Ion:168 Resp: 256639
Ion Ratio Lower Upper
168 100
99 52.0 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.036 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.031 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

Tgt Ion: 59 Resp: 266
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

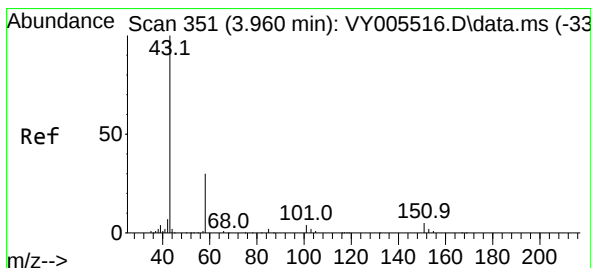
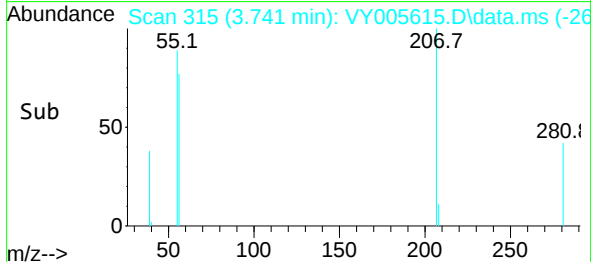
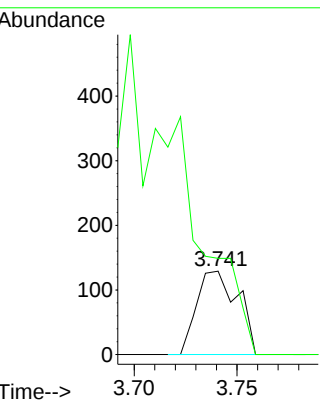
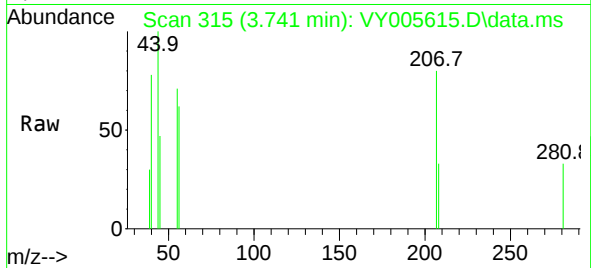




#13
Acrolein
Concen: 1.162 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

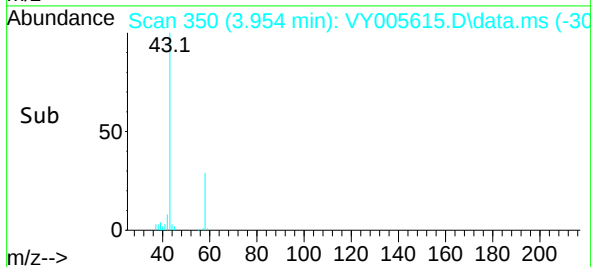
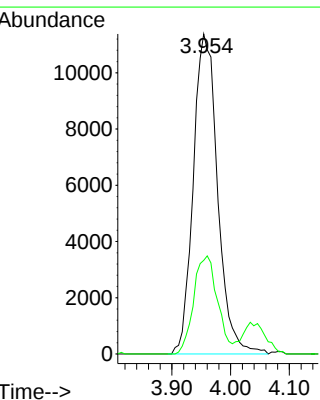
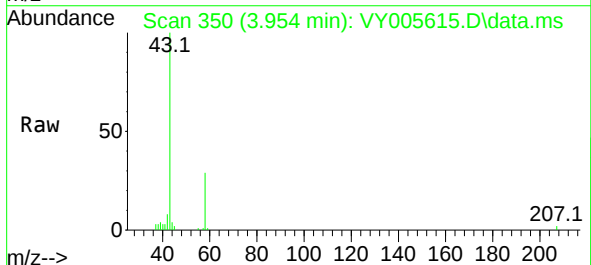
Instrument :
MSVOA_Y
ClientSampleId :

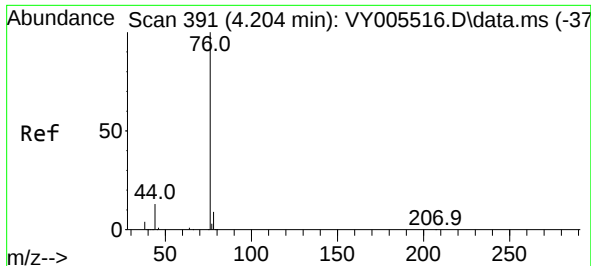
Tgt Ion: 56 Resp: 180
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#



#16
Acetone
Concen: 50.031 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

Tgt Ion: 43 Resp: 32769
Ion Ratio Lower Upper
43 100
58 29.2 23.8 35.6

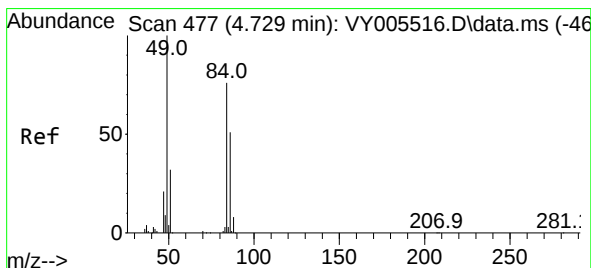
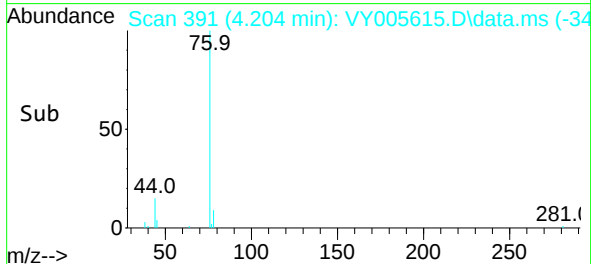
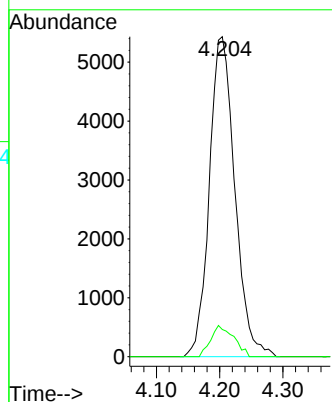
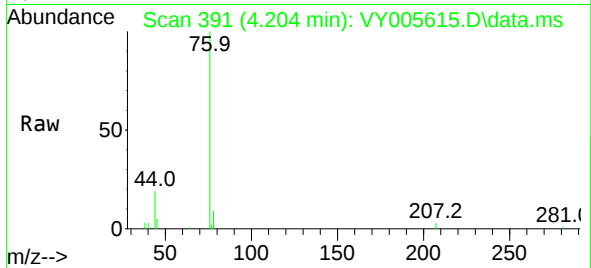




#17
Carbon Disulfide
Concen: 2.229 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

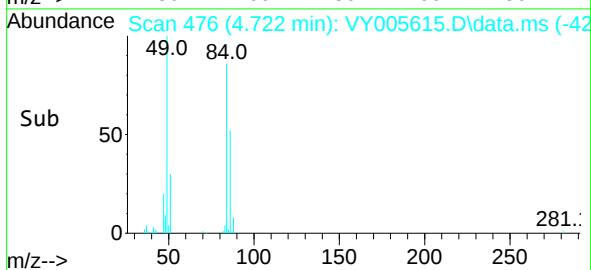
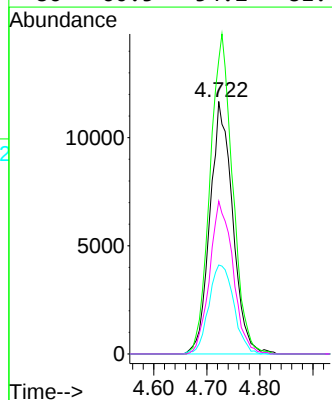
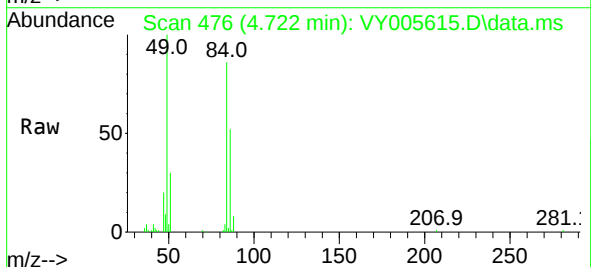
Instrument :
MSVOA_Y
ClientSampled :

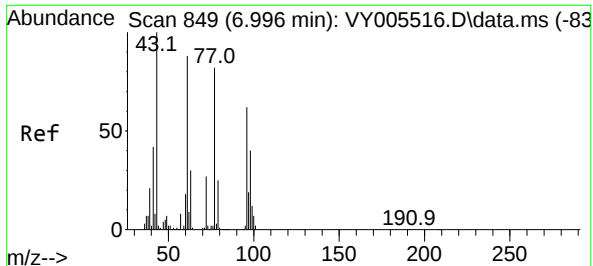
Tgt Ion: 76 Resp: 15196
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#20
Methylene Chloride
Concen: 8.294 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

Tgt Ion: 84 Resp: 34666
Ion Ratio Lower Upper
84 100
49 116.4 105.8 158.6
51 35.2 33.4 50.2
86 60.5 54.2 81.4





#25

2-Butanone

Concen: 5.280 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY005615.D

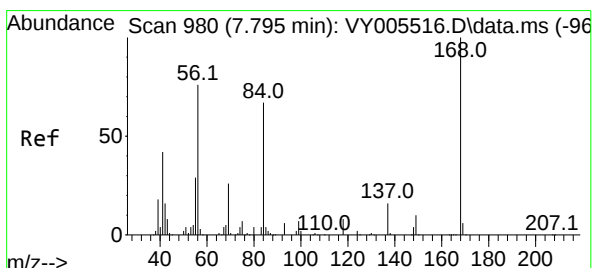
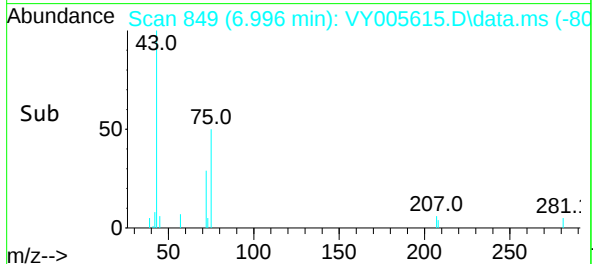
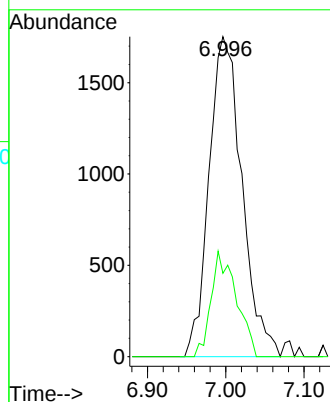
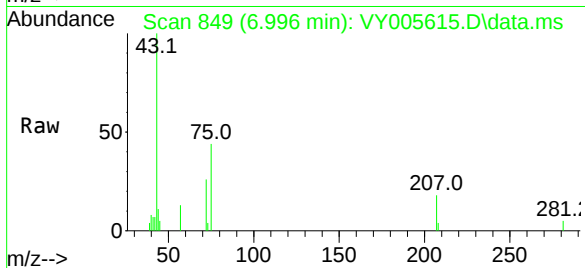
Acq: 12 Aug 2021 12:23

Tgt Ion: 43 Resp: 5112

Ion Ratio Lower Upper

43 100

72 26.0 21.4 32.2



#31

Cyclohexane

Concen: 1.809 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY005615.D

Acq: 12 Aug 2021 12:23

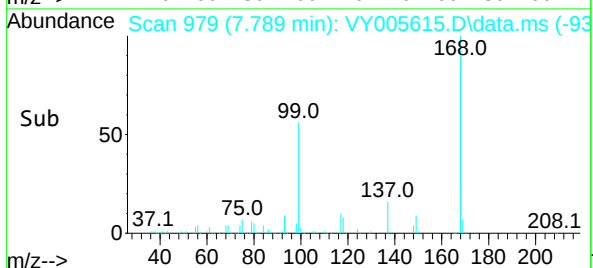
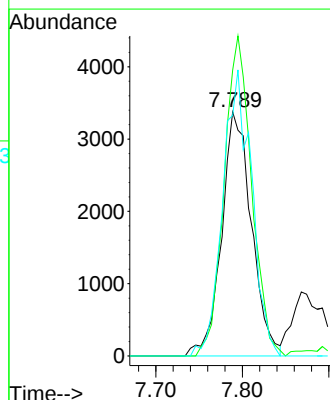
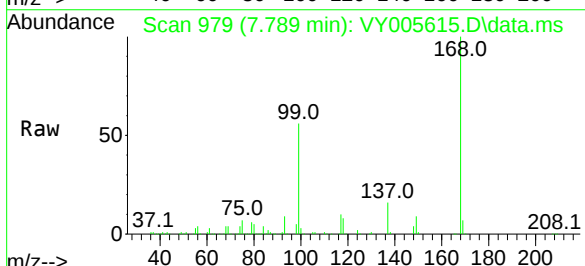
Tgt Ion: 56 Resp: 8061

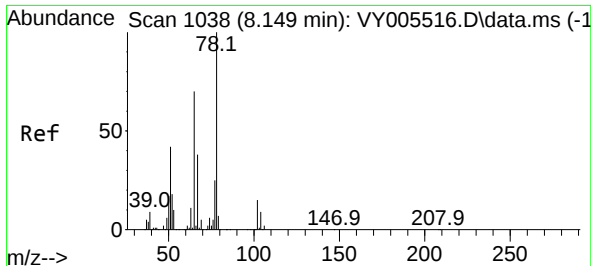
Ion Ratio Lower Upper

56 100

69 117.2 27.7 41.5#

84 98.6 70.9 106.3

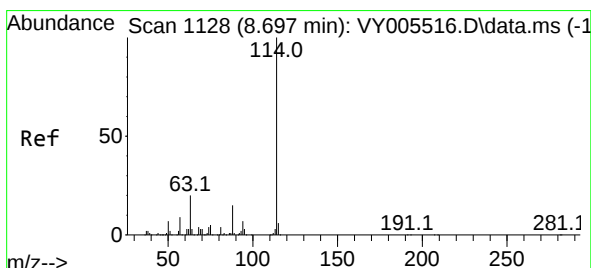
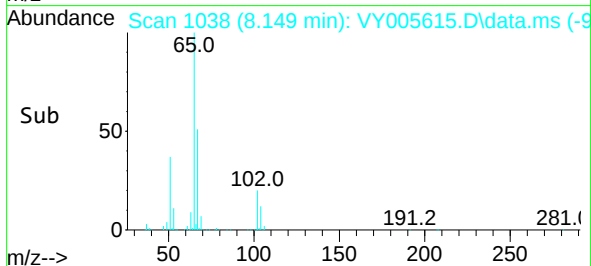
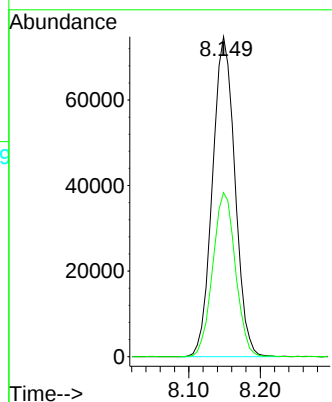
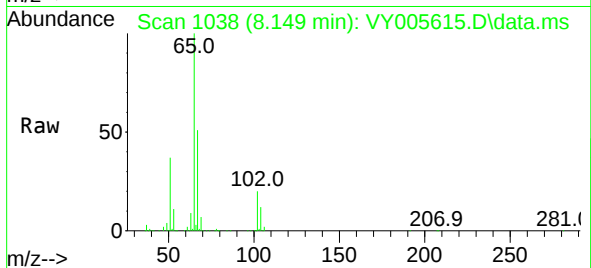




#33
 1,2-Dichloroethane-d4
 Concen: 62.804 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005615.D
 Acq: 12 Aug 2021 12:23

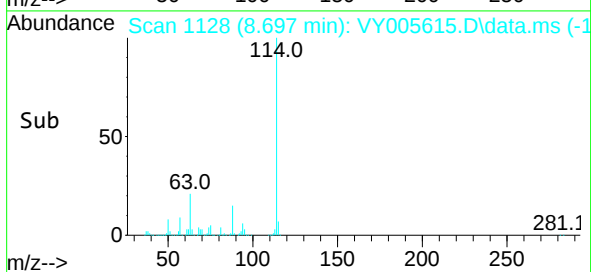
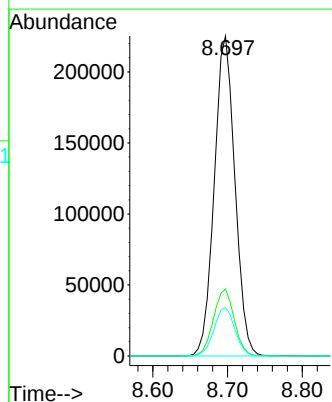
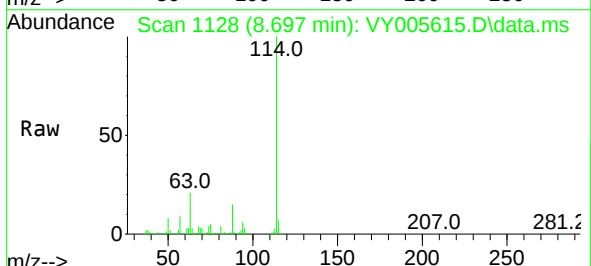
Instrument :
 MSVOA_Y
 ClientSampleId :

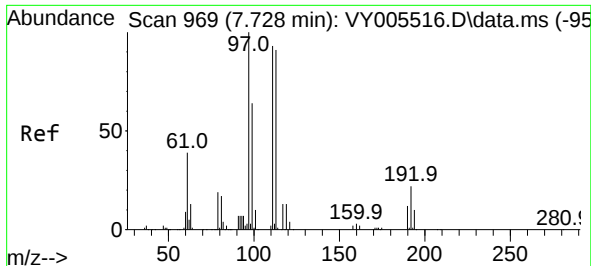
Tgt Ion: 65 Resp: 163154
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005615.D
 Acq: 12 Aug 2021 12:23

Tgt Ion: 114 Resp: 432476
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.2
 88 15.2 0.0 30.8

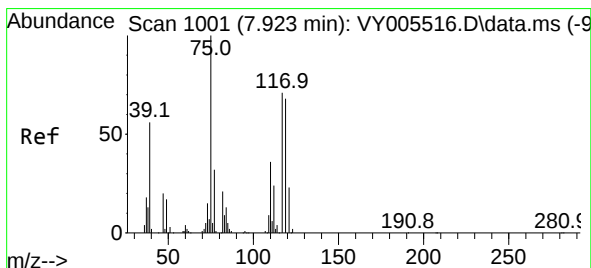
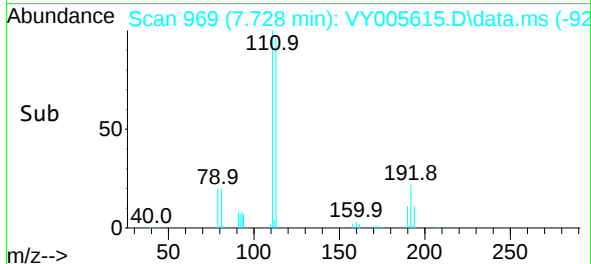
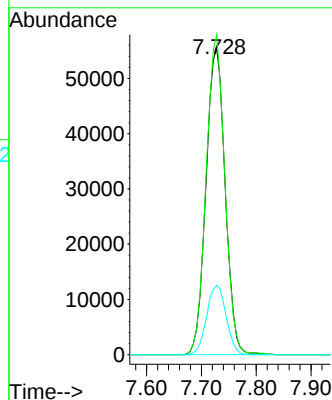
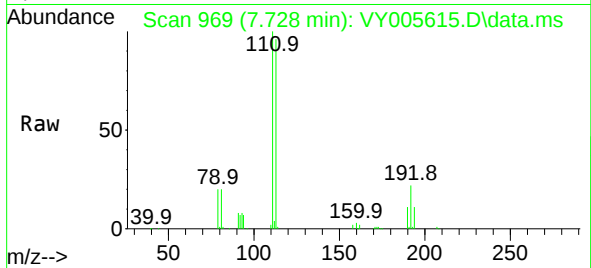




#35
Dibromofluoromethane
Concen: 55.572 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

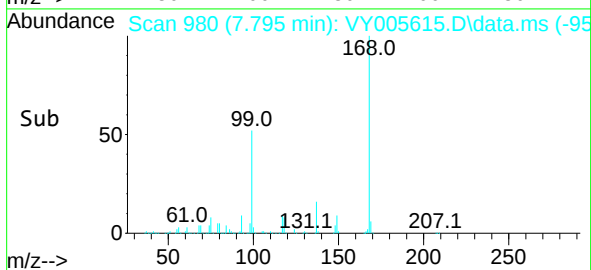
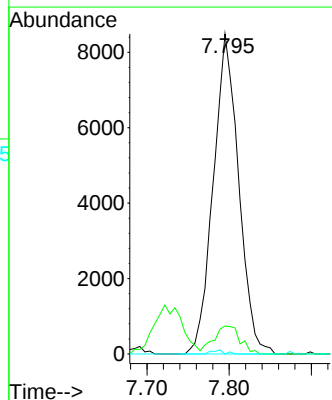
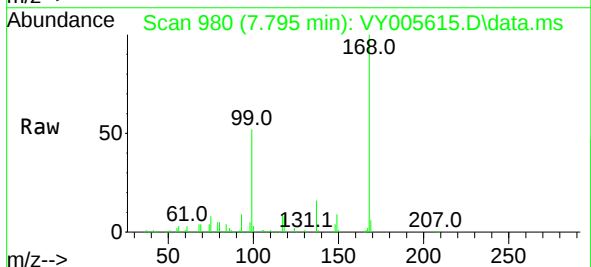
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MSVOA_Y
ClientSampleId :

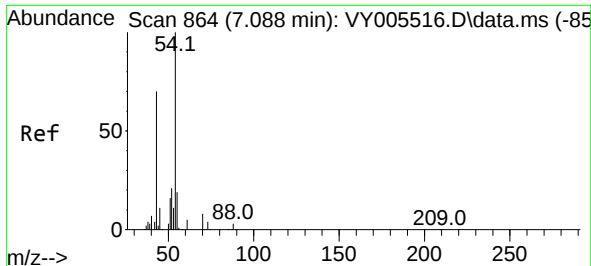
Tgt Ion:113 Resp: 134558
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 22.9 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.482 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

Tgt Ion: 75 Resp: 18180
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.1#
77 0.6 25.1 37.7#





#37

Ethyl Acetate

Concen: 2.080 ug/l

RT: 6.996 min Scan# 849

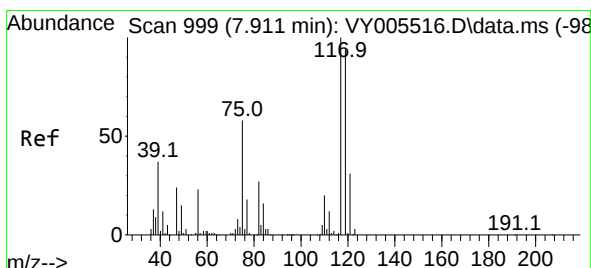
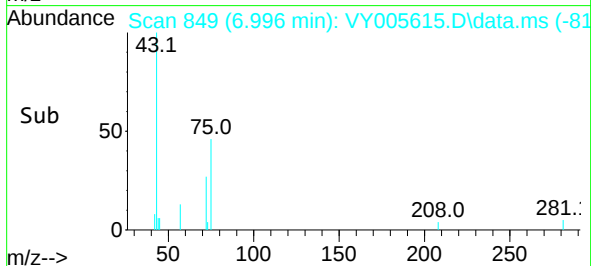
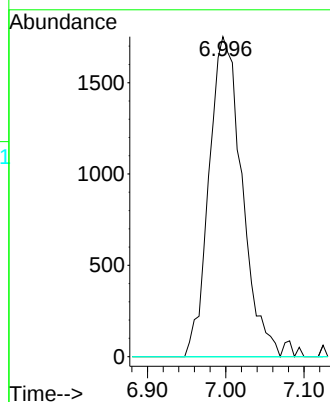
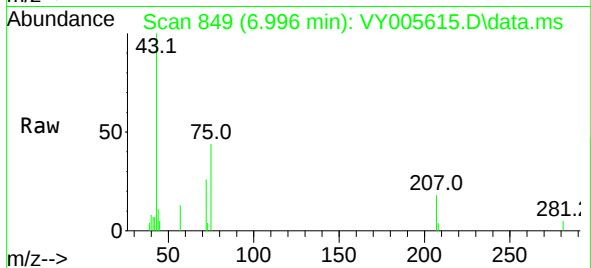
Delta R.T. -0.092 min

Lab File: VY005615.D

Acq: 12 Aug 2021 12:23

Tgt Ion:	43	Resp:	5112
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	15.8#
70	0.0	8.6	13.0#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.185 ug/l

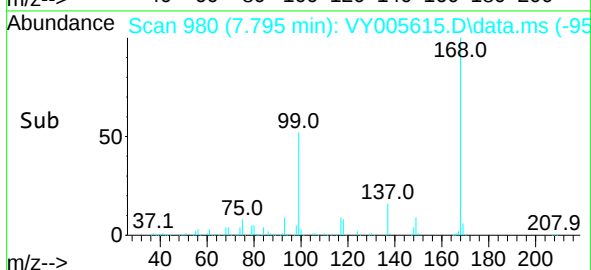
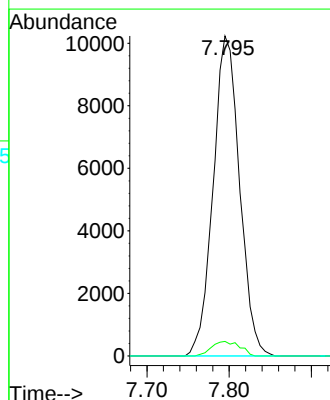
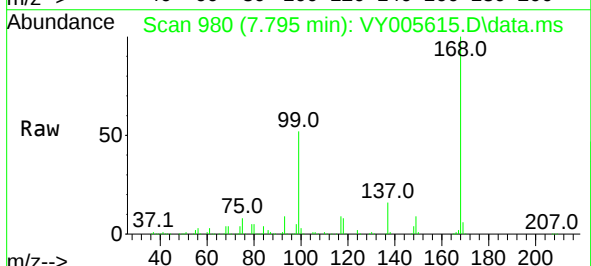
RT: 7.795 min Scan# 980

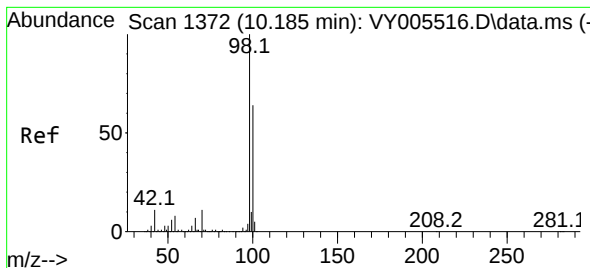
Delta R.T. -0.116 min

Lab File: VY005615.D

Acq: 12 Aug 2021 12:23

Tgt Ion:	117	Resp:	22858
Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.4	113.0#
121	0.0	25.1	37.7#

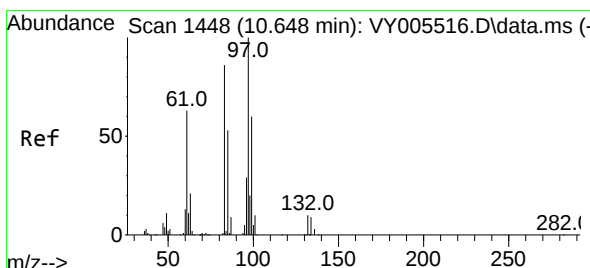
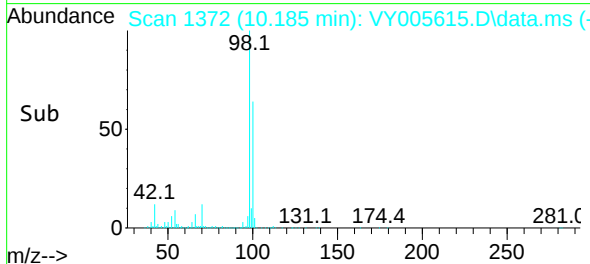
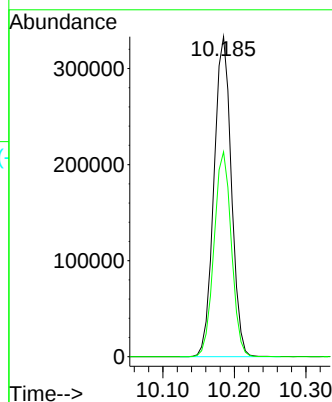
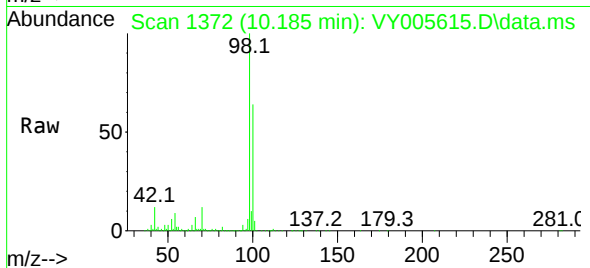




#50
Toluene-d8
Concen: 55.306 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

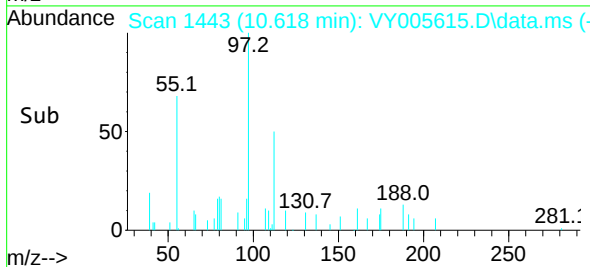
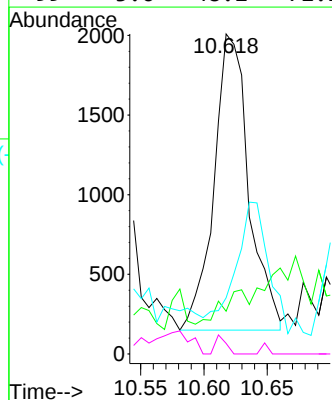
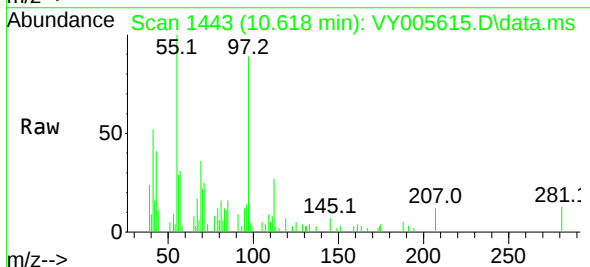
Instrument :
MSVOA_Y
ClientSampled :

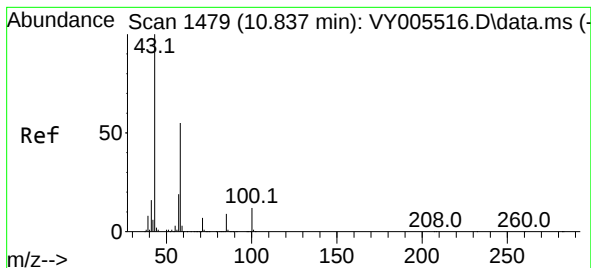
Tgt Ion: 98 Resp: 561626
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



#55
1,1,2-Trichloroethane
Concen: 1.526 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.031 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

Tgt Ion: 97 Resp: 3547
Ion Ratio Lower Upper
97 100
83 0.0 68.7 103.1#
85 4.4 42.4 63.6#
99 3.6 48.2 72.2#

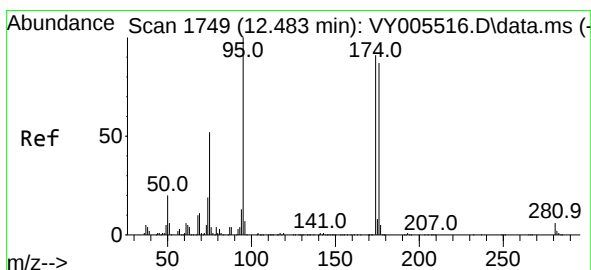
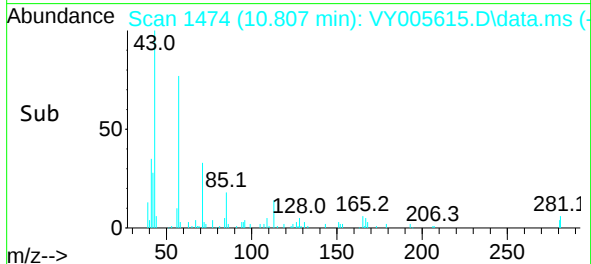
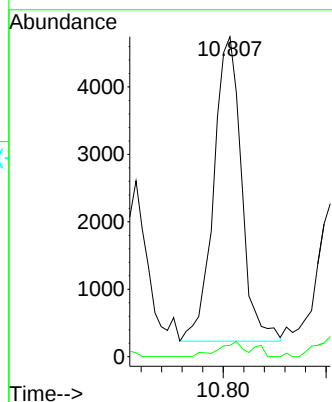
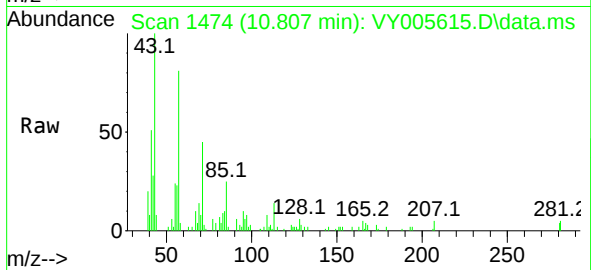




#59
2-Hexanone
Concen: 4.891 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.031 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

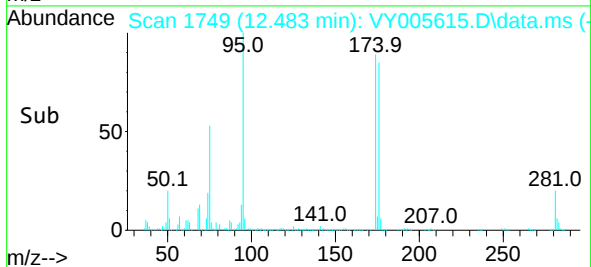
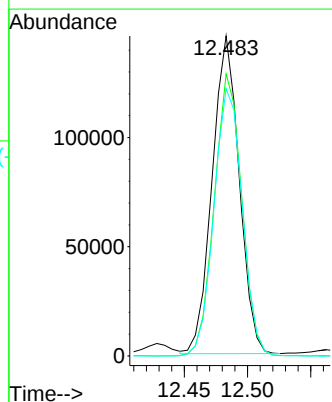
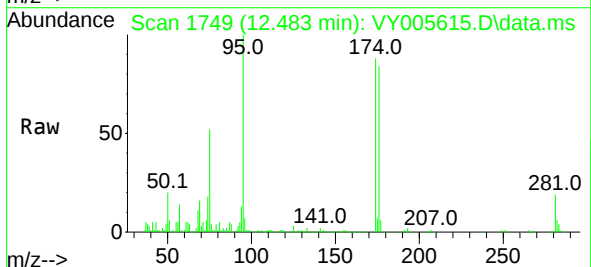
Instrument :
MSVOA_Y
ClientSampleId :

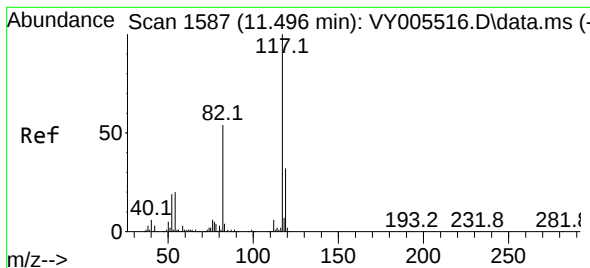
Tgt Ion: 43 Resp: 8470
Ion Ratio Lower Upper
43 100
58 4.3 27.1 81.2#



#62
4-Bromofluorobenzene
Concen: 64.216 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

Tgt Ion: 95 Resp: 215945
Ion Ratio Lower Upper
95 100
174 90.4 0.0 191.4
176 87.8 0.0 183.6

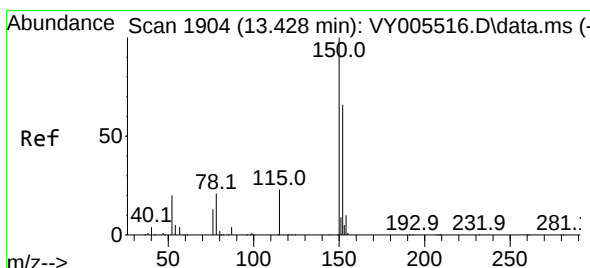
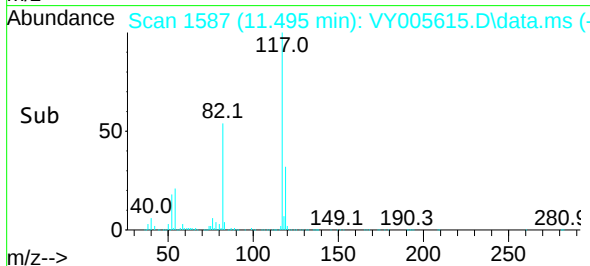
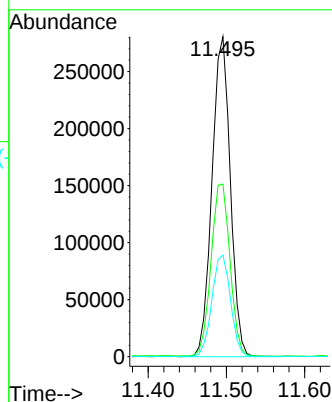
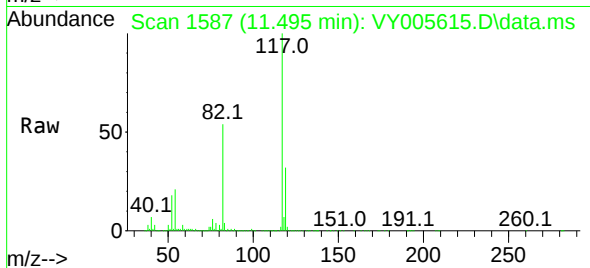




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

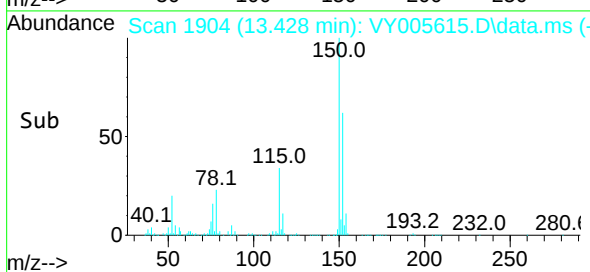
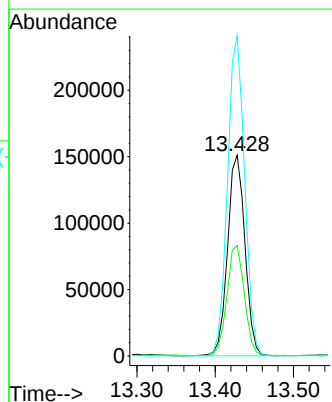
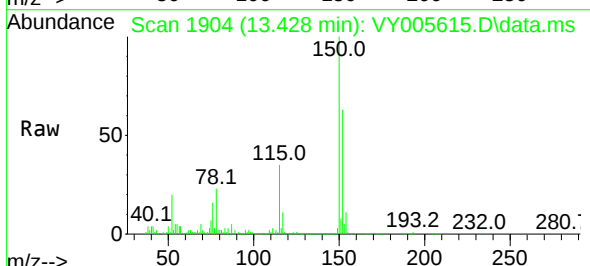
Instrument :
MSVOA_Y
ClientSampleId :

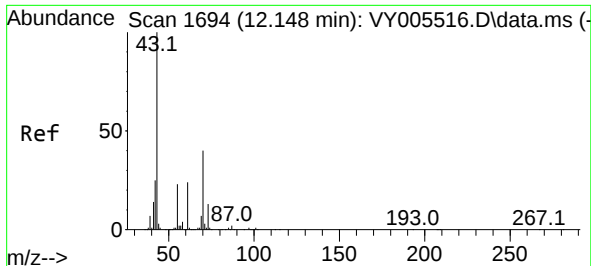
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.5	65.3
119	31.7	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.3	81.9
150	157.0	0.0	350.2

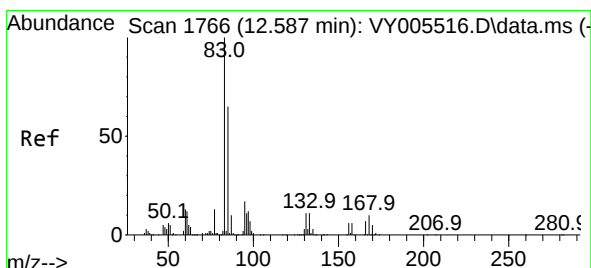
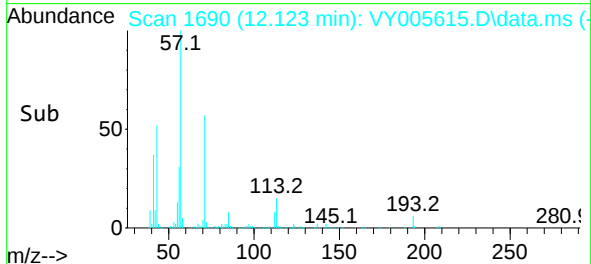
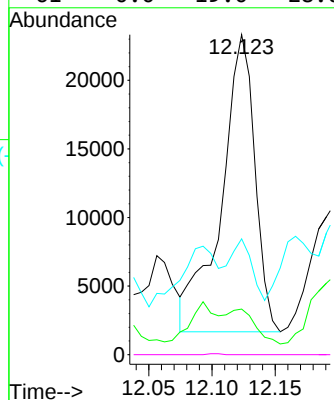
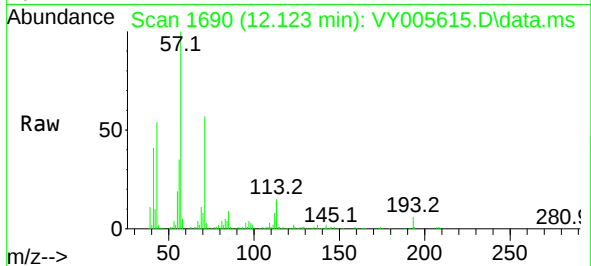




#74
N-amy1 acetate
Concen: 8.187 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.025 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

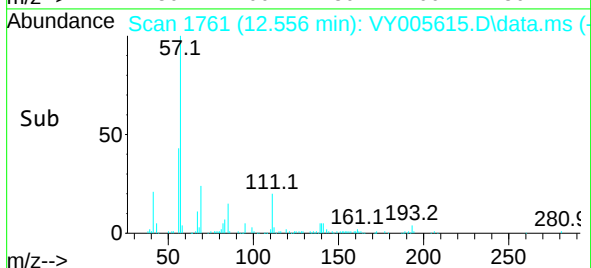
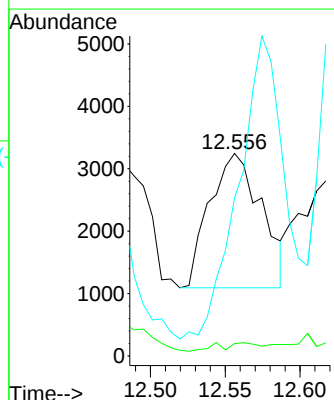
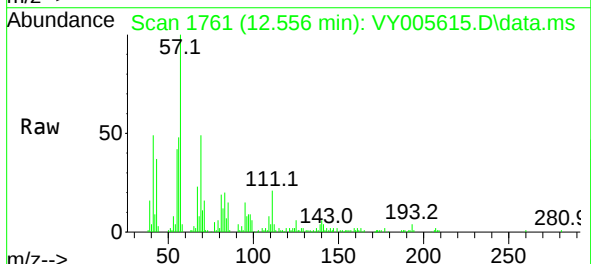
Instrument :
MSVOA_Y
ClientSampleId :

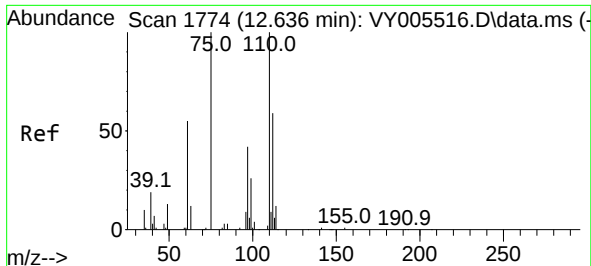
Tgt Ion: 43 Resp: 40086
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 19.8 18.9 28.3
61 0.0 19.0 28.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.657 ug/l
RT: 12.556 min Scan# 1761
Delta R.T. -0.031 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

Tgt Ion: 83 Resp: 5183
Ion Ratio Lower Upper
83 100
131 2.6 5.6 16.8#
85 203.1 32.0 96.2#

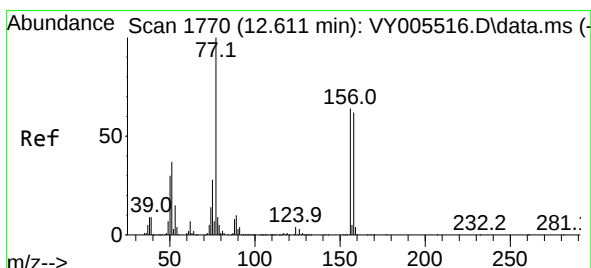
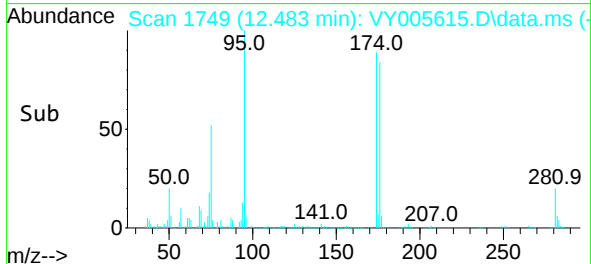
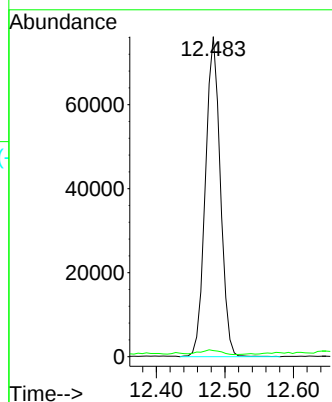
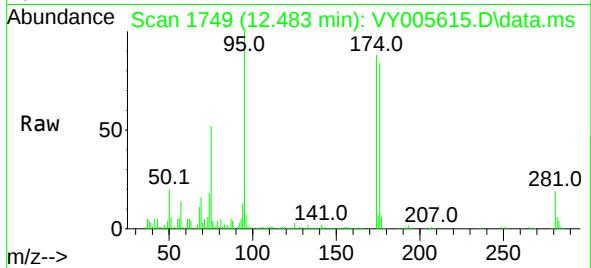




#76
1,2,3-Trichloropropane
Concen: 47.935 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

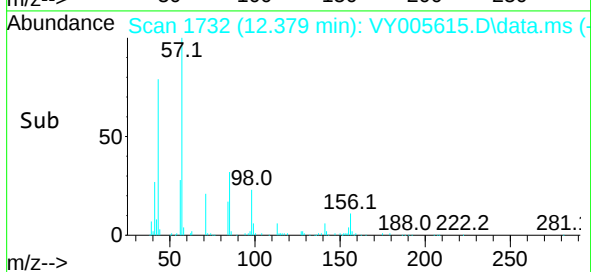
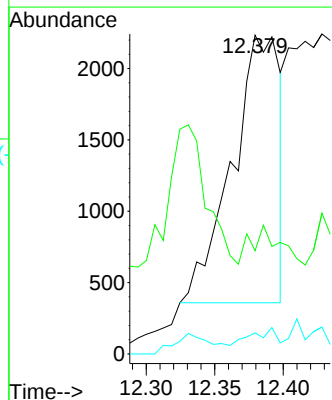
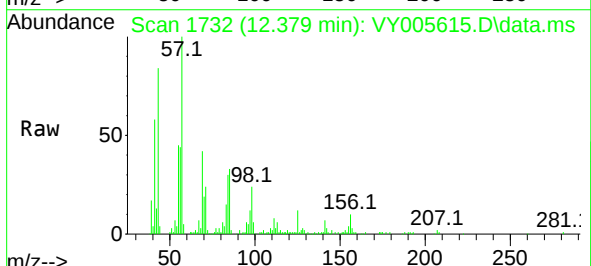
Instrument :
MSVOA_Y
ClientSampleId :

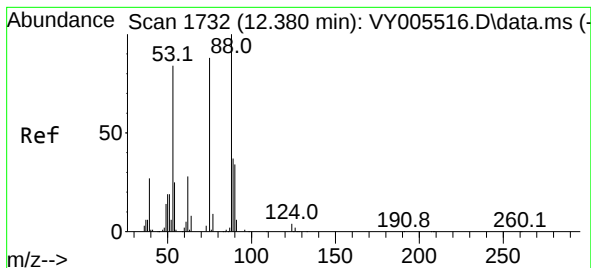
Tgt Ion: 75 Resp: 115751
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#77
Bromobenzene
Concen: 1.137 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.232 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

Tgt Ion: 156 Resp: 4542
Ion Ratio Lower Upper
156 100
77 8.5 85.5 256.5#
158 3.1 48.5 145.6#

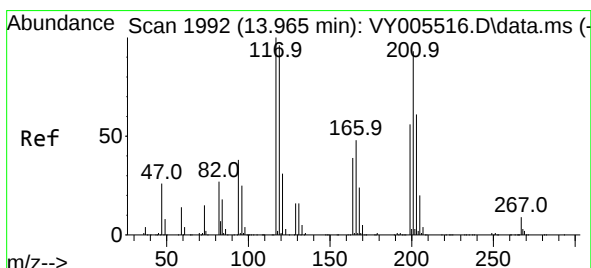
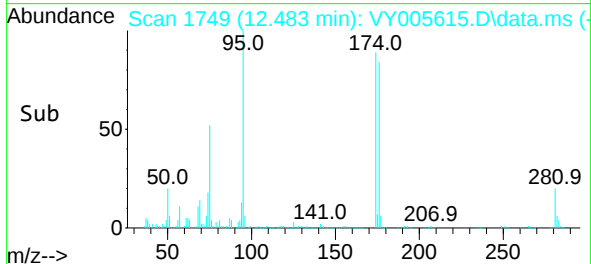
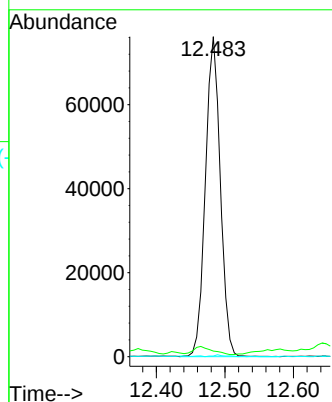
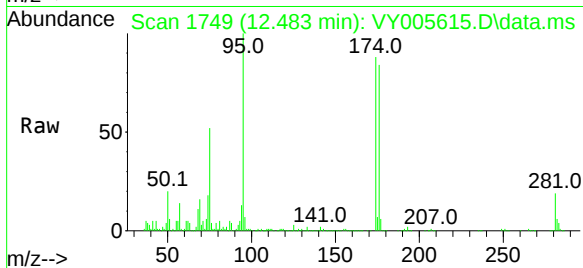




#81
trans-1,4-Dichloro-2-butene
Concen: 96.631 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 115751
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.5 38.4 57.6#



#90
Hexachloroethane
Concen: 1.752 ug/l
RT: 14.007 min Scan# 1999
Delta R.T. 0.042 min
Lab File: VY005615.D
Acq: 12 Aug 2021 12:23

Tgt Ion: 117 Resp: 4726
Ion Ratio Lower Upper
117 100
201 0.0 46.7 140.1#

