

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004615.D
 Acq On : 23 Apr 2021 19:05
 Operator : SY/MD
 Sample : M2149-15
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 10:21:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

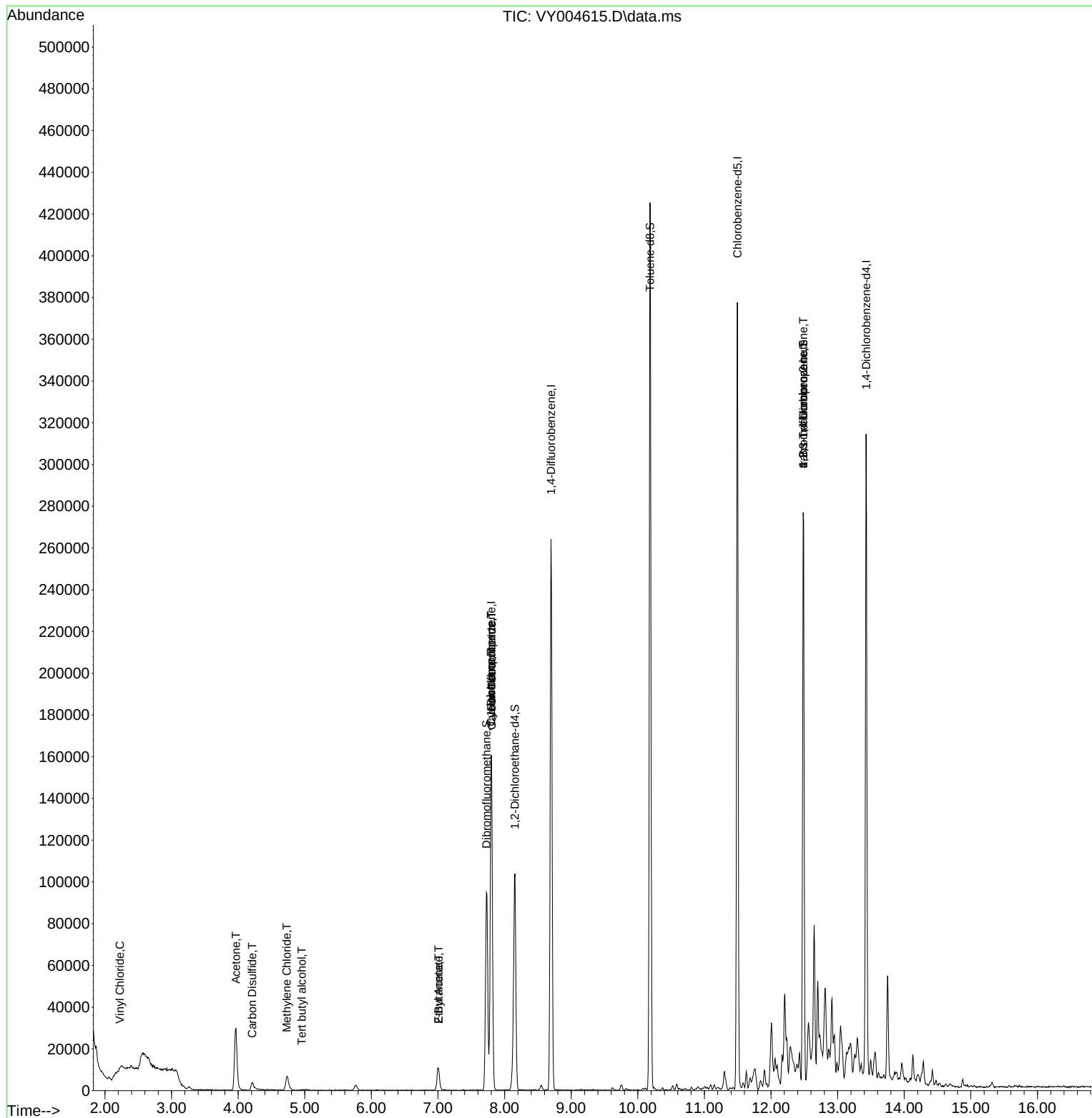
Internal Standards						
1) Pentafluorobenzene	7.801	168	121609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	214107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	188019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	77937	57.68	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.36%			
35) Dibromofluoromethane	7.728	113	64913	54.63	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.26%			
50) Toluene-d8	10.185	98	261389	51.72	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.44%			
62) 4-Bromofluorobenzene	12.483	95	79276	46.22	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.44%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.223	62	5107	2.97	ug/l #	43
11) Tert butyl alcohol	4.954	59	159	1.19	ug/l #	73
16) Acetone	3.966	43	52725	178.34	ug/l	98
17) Carbon Disulfide	4.210	76	6536	1.80	ug/l	95
20) Methylene Chloride	4.728	84	4590	3.52	ug/l	95
25) 2-Butanone	7.008	43	19268	37.44	ug/l	99
31) Cyclohexane	7.795	56	3220	1.30	ug/l #	26
36) 1,1-Dichloropropene	7.795	75	9880	4.64	ug/l #	51
37) Ethyl Acetate	7.008	43	19268	14.06	ug/l #	70
38) Carbon Tetrachloride	7.807	117	12393	6.74	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	43440	55.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43440	99.51	ug/l #	13

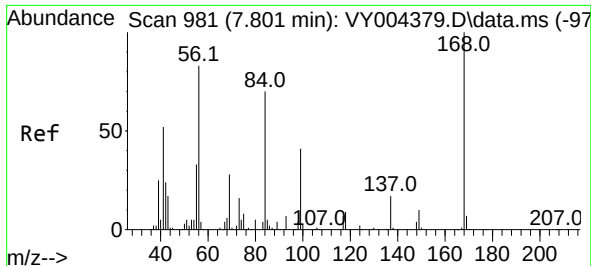
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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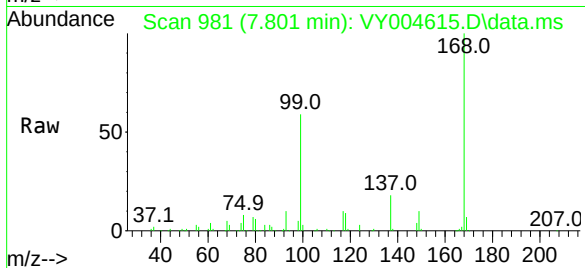
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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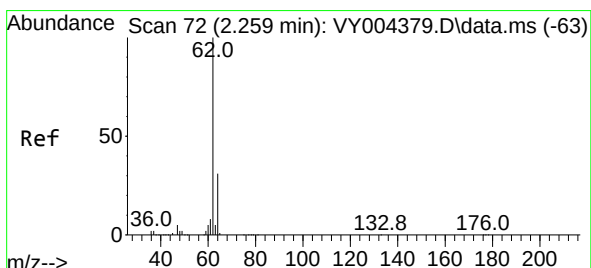
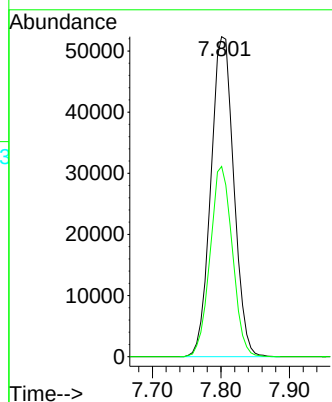
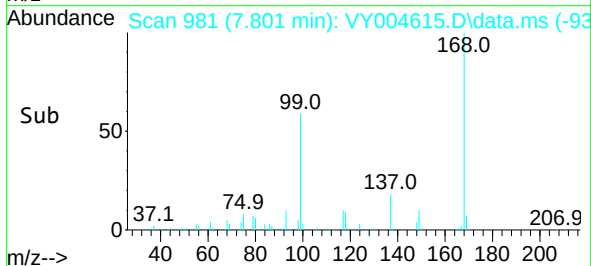


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

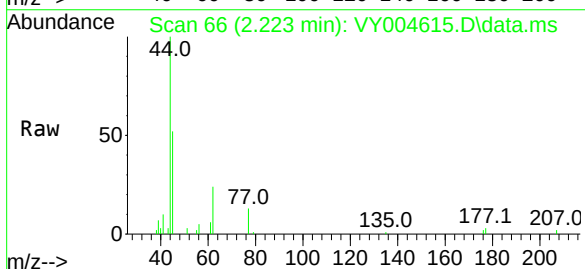
Instrument :
MSVOA_Y
ClientSampleId :



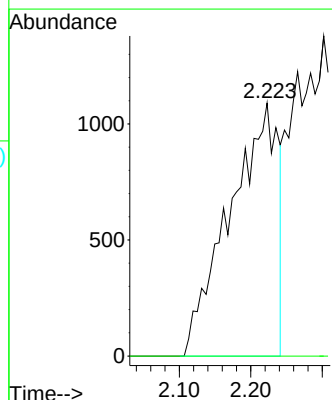
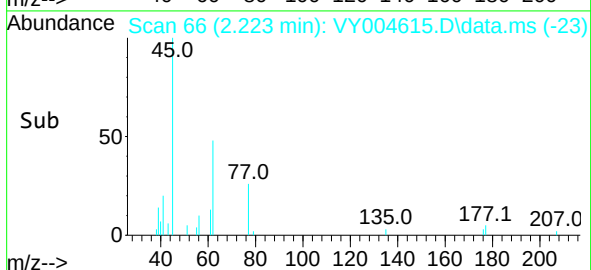
Tgt Ion:168 Resp: 121609
Ion Ratio Lower Upper
168 100
99 59.4 45.5 68.3

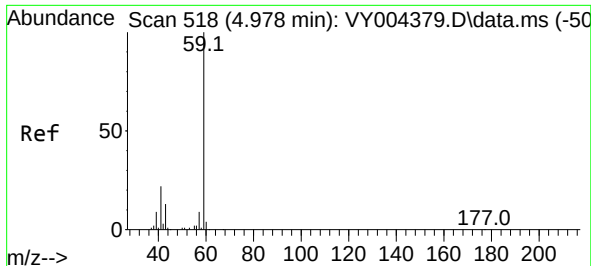


#4
Vinyl Chloride
Concen: 2.97 ug/l
RT: 2.223 min Scan# 66
Delta R.T. -0.036 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05



Tgt Ion: 62 Resp: 5107
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



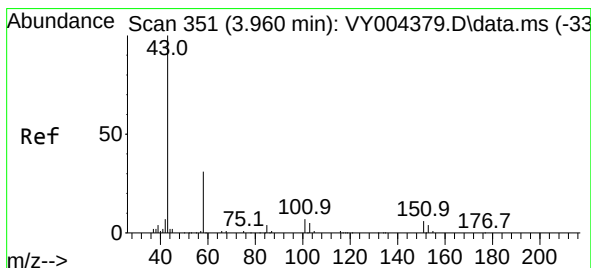
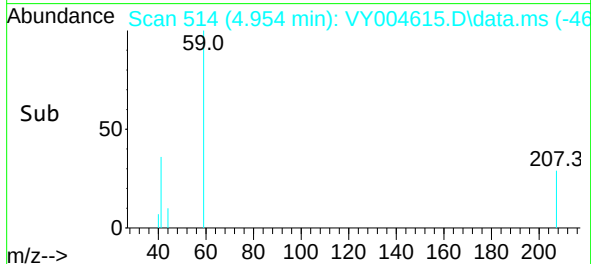
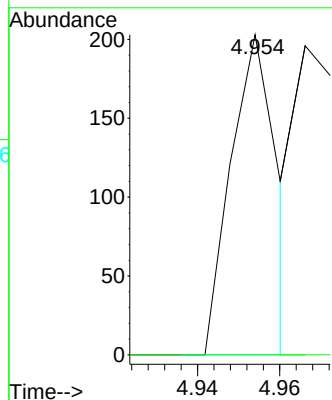
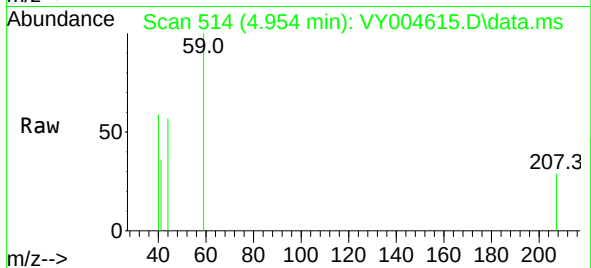


#11

Tert butyl alcohol
Concen: 1.19 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

Instrument :
MSVOA_Y
ClientSampled :

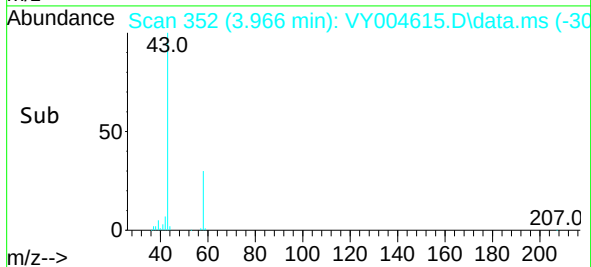
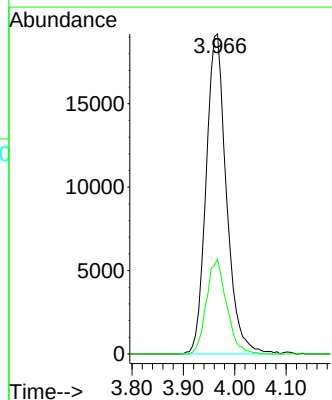
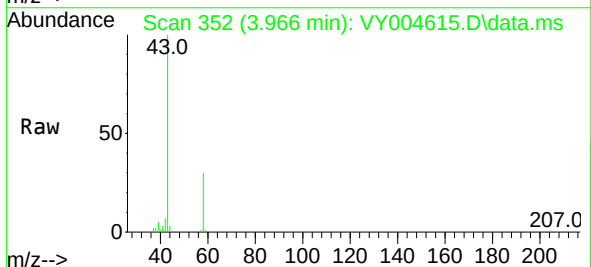
Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

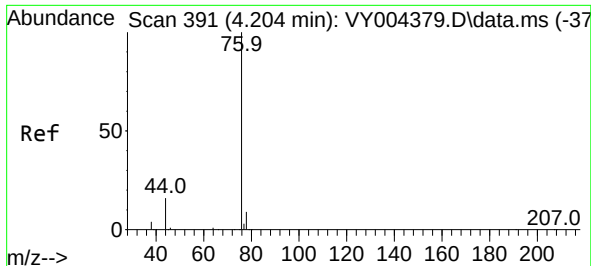


#16

Acetone
Concen: 178.34 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

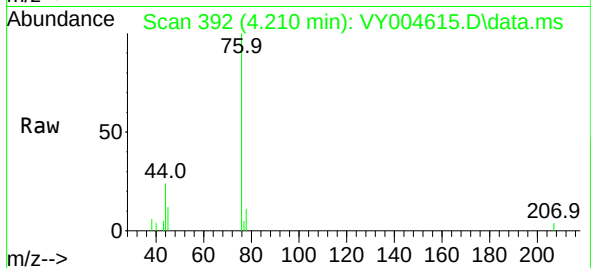
Tgt Ion: 43 Resp: 52725
Ion Ratio Lower Upper
43 100
58 29.6 24.6 37.0



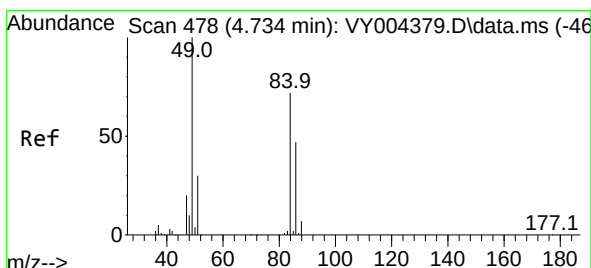
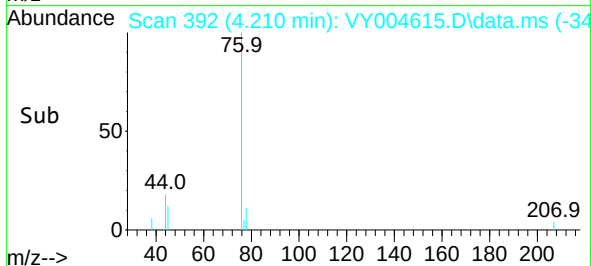
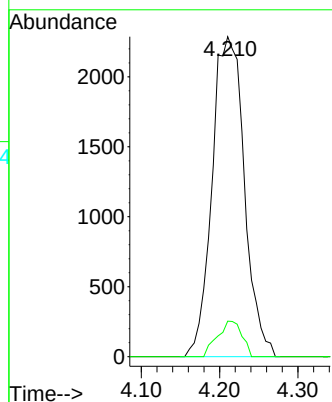


#17
Carbon Disulfide
Concen: 1.80 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

Instrument :
MSVOA_Y
ClientSampleId :

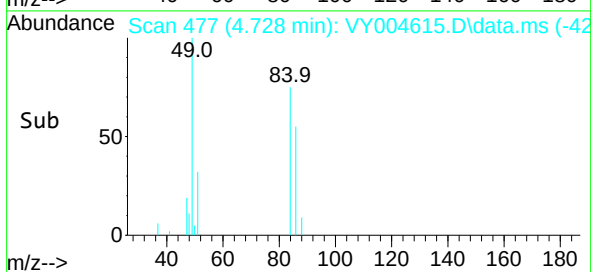
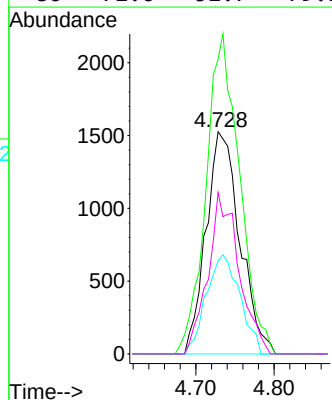
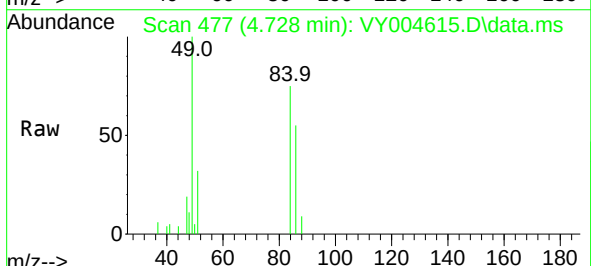


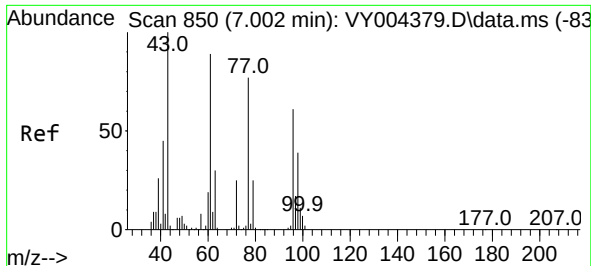
Tgt Ion: 76 Resp: 6536
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.2



#20
Methylene Chloride
Concen: 3.52 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

Tgt Ion: 84 Resp: 4590
Ion Ratio Lower Upper
84 100
49 132.8 111.2 166.8
51 41.9 33.4 50.2
86 72.6 52.7 79.1

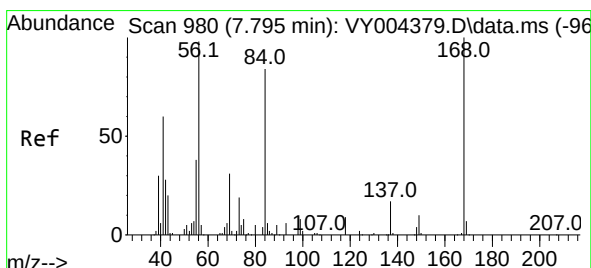
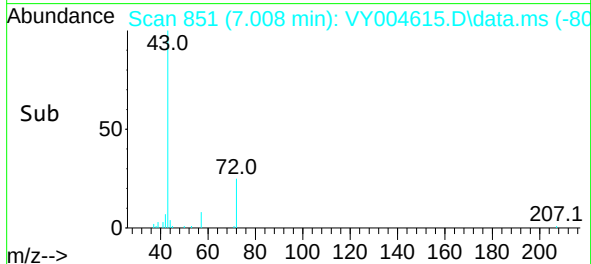
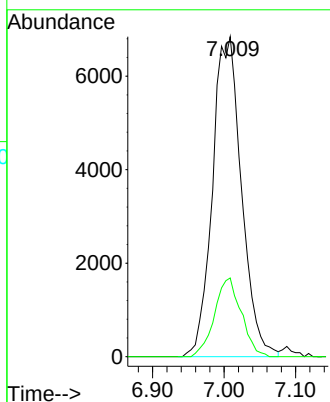
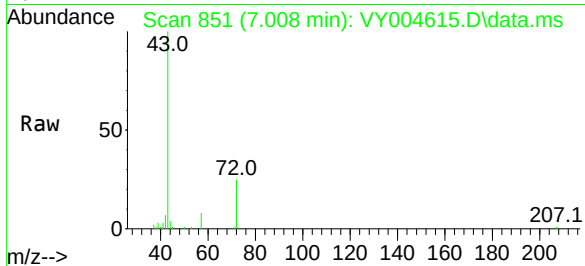




#25
2-Butanone
Concen: 37.44 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

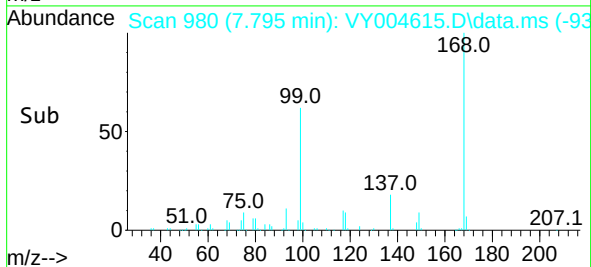
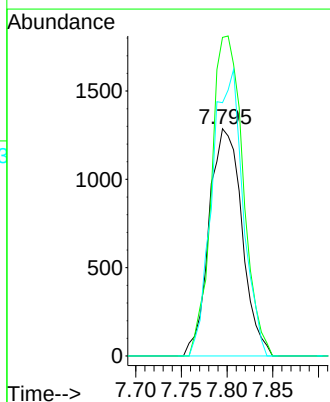
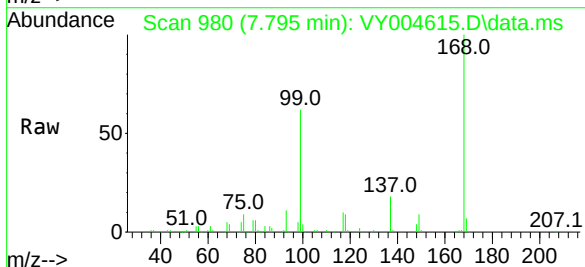
Instrument :
MSVOA_Y
ClientSampled :

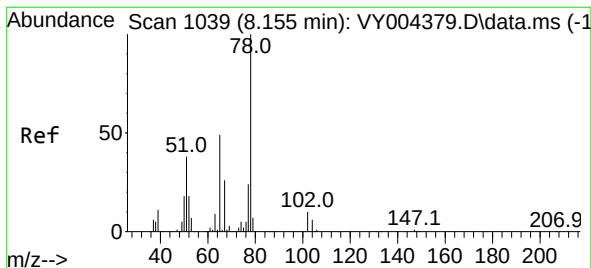
Tgt Ion: 43 Resp: 19268
Ion Ratio Lower Upper
43 100
72 24.6 20.2 30.2



#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

Tgt Ion: 56 Resp: 3220
Ion Ratio Lower Upper
56 100
69 140.2 25.8 38.6#
84 111.4 68.2 102.4#

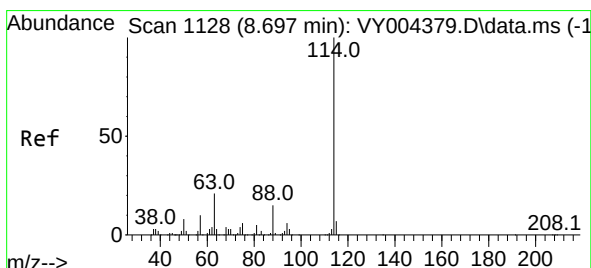
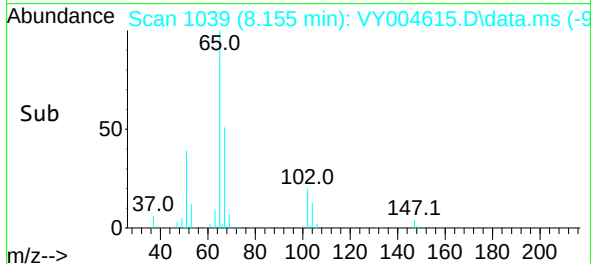
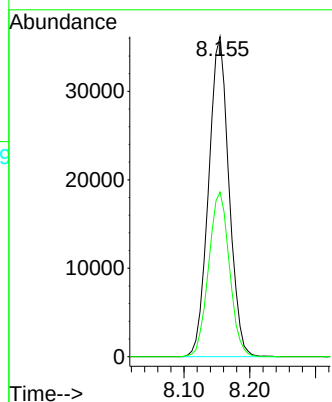
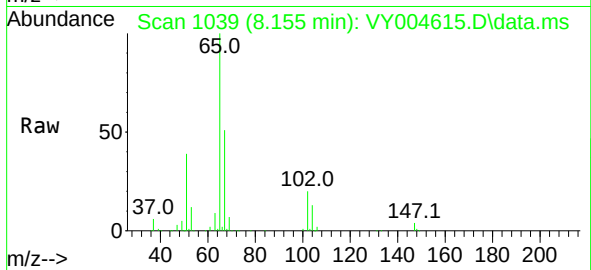




#33
 1,2-Dichloroethane-d4
 Concen: 57.68 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY004615.D
 Acq: 23 Apr 2021 19:05

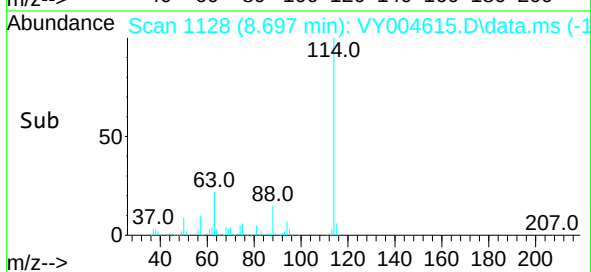
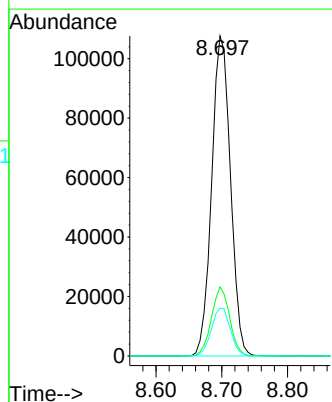
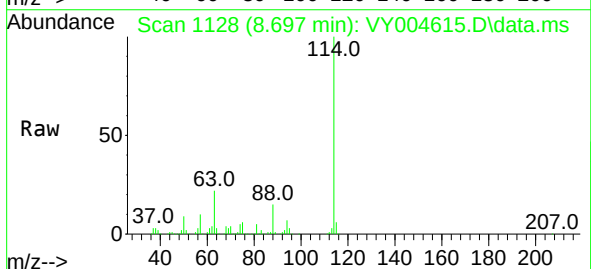
Instrument :
 MSVOA_Y
 ClientSampleId :

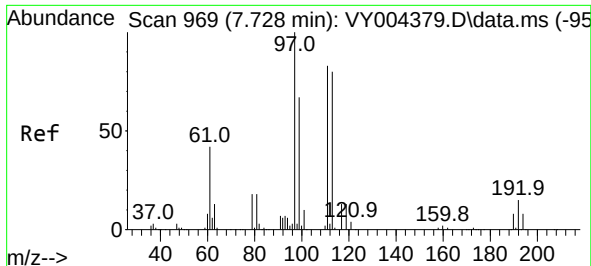
Tgt Ion: 65 Resp: 77937
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004615.D
 Acq: 23 Apr 2021 19:05

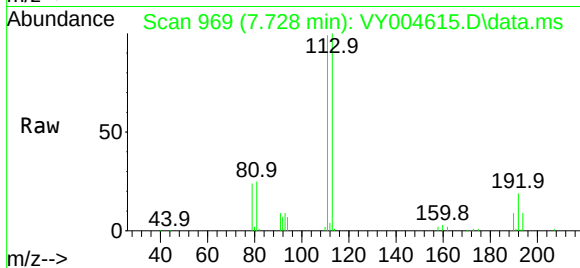
Tgt Ion: 114 Resp: 214107
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.4
 88 15.0 0.0 30.8



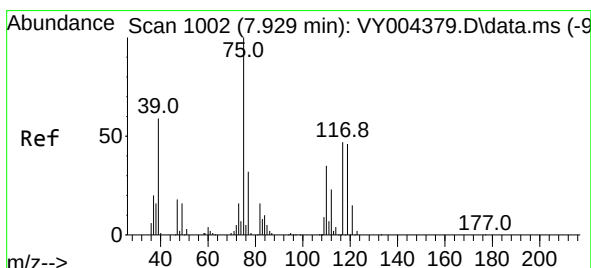
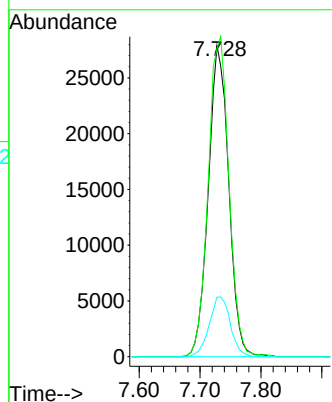
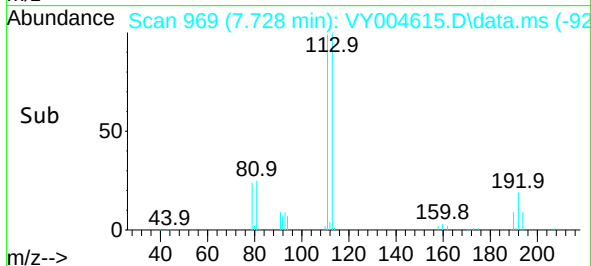


#35
Dibromofluoromethane
Concen: 54.63 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

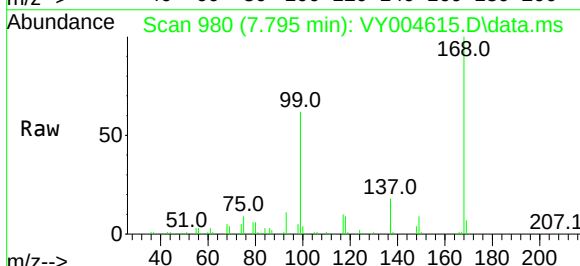
Instrument :
MSVOA_Y
ClientSampleId :



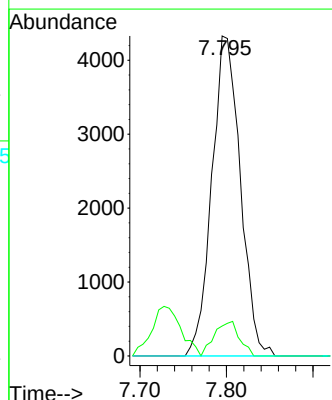
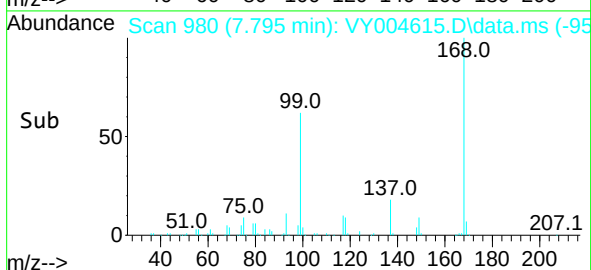
Tgt Ion:113 Resp: 64913
Ion Ratio Lower Upper
113 100
111 105.1 82.6 123.8
192 19.9 16.1 24.1

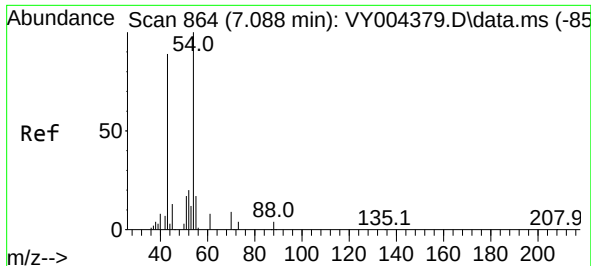


#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05



Tgt Ion: 75 Resp: 9880
Ion Ratio Lower Upper
75 100
110 9.4 17.3 51.7#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

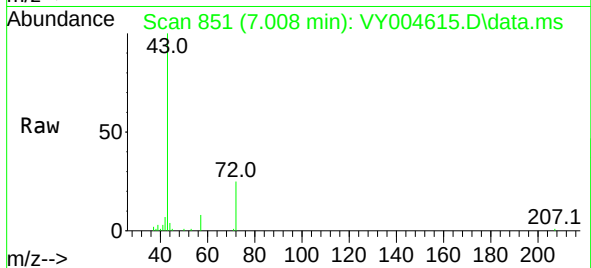
Concen: 14.06 ug/l

RT: 7.008 min Scan# 851

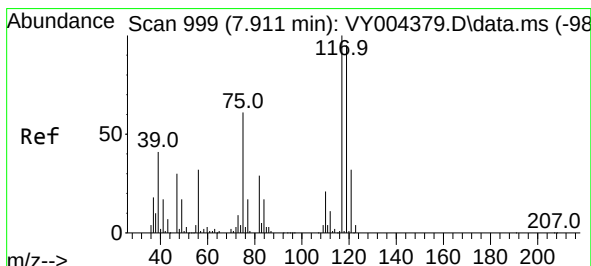
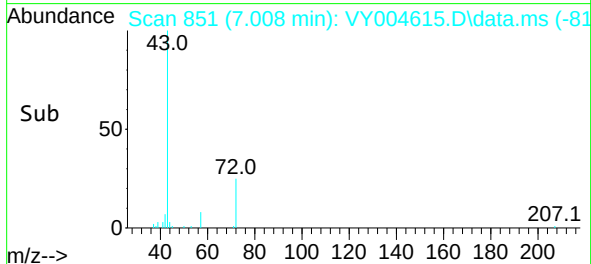
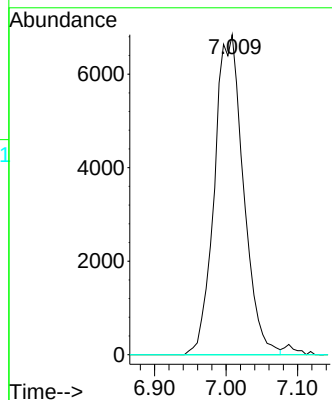
Delta R.T. -0.079 min

Lab File: VY004615.D

Acq: 23 Apr 2021 19:05



Tgt Ion:	43	Resp:	19268
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.0	7.5	11.3#



#38

Carbon Tetrachloride

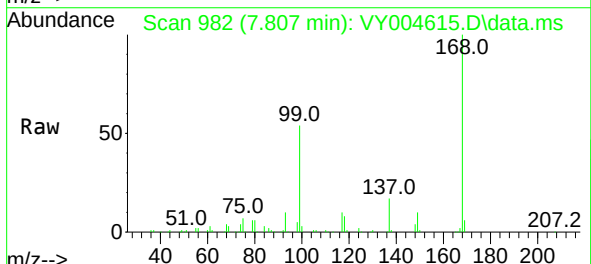
Concen: 6.74 ug/l

RT: 7.807 min Scan# 982

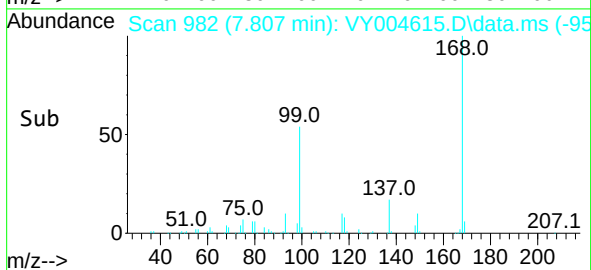
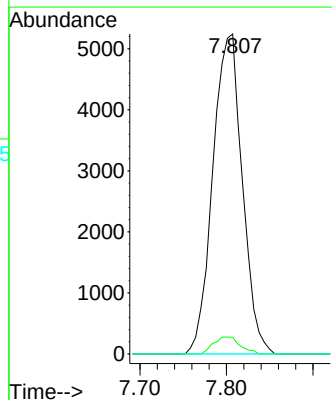
Delta R.T. -0.103 min

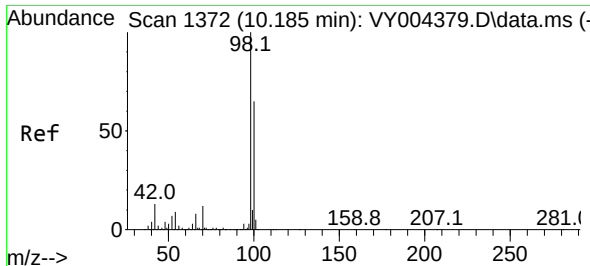
Lab File: VY004615.D

Acq: 23 Apr 2021 19:05



Tgt Ion:	117	Resp:	12393
Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.8	113.8#
121	0.0	25.3	37.9#

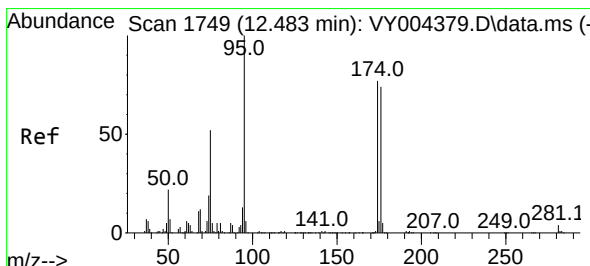
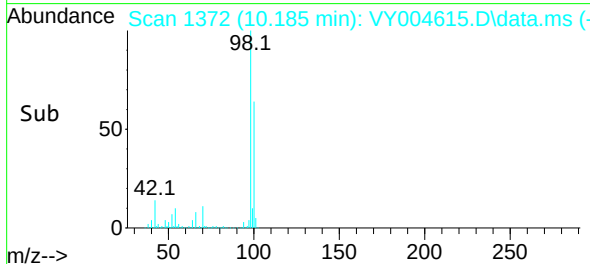
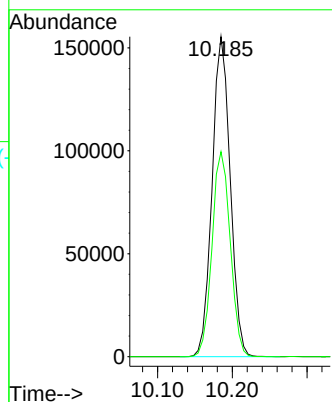
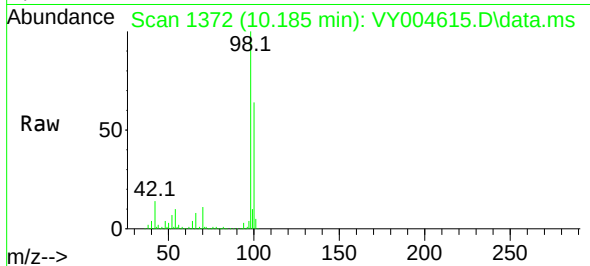




#50
Toluene-d8
Concen: 51.72 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

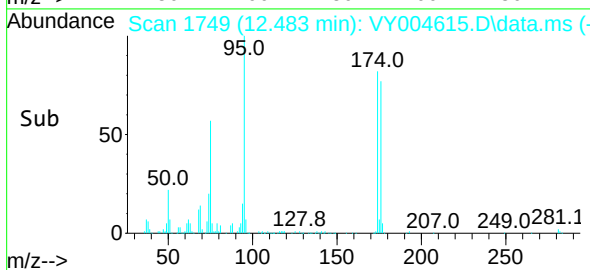
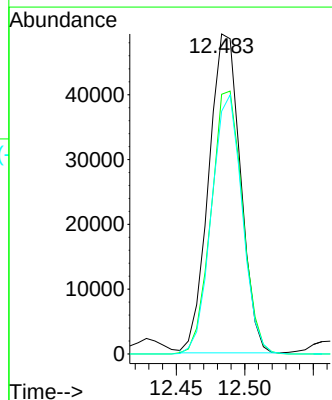
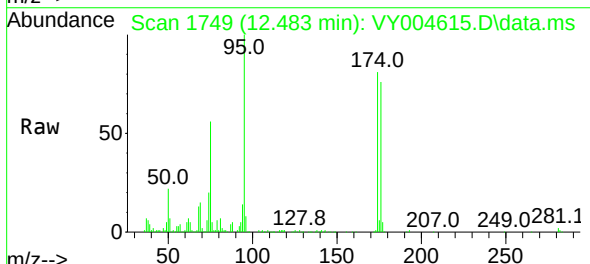
Instrument :
MSVOA_Y
ClientSampled :

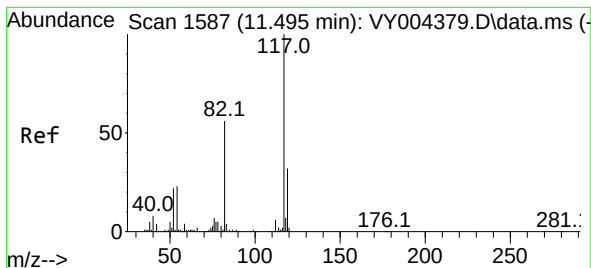
Tgt Ion: 98 Resp: 261389
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.22 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

Tgt Ion: 95 Resp: 79276
Ion Ratio Lower Upper
95 100
174 81.3 0.0 162.4
176 78.3 0.0 156.0

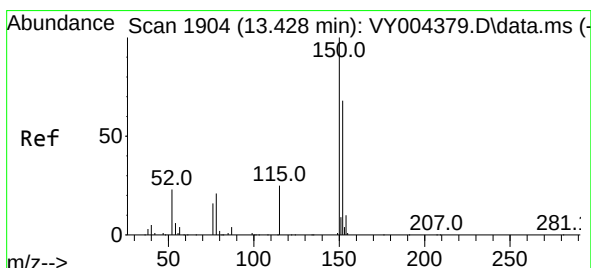
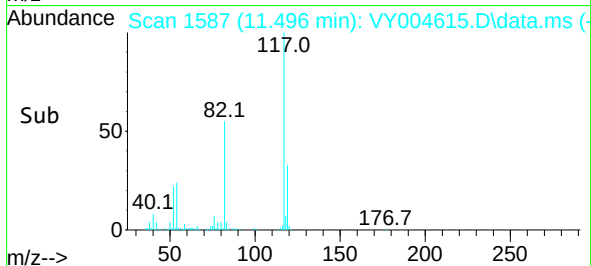
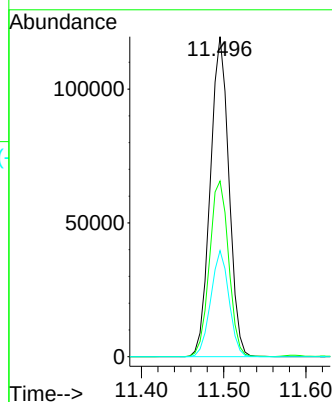
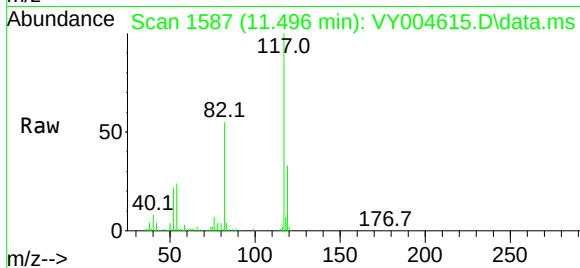




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

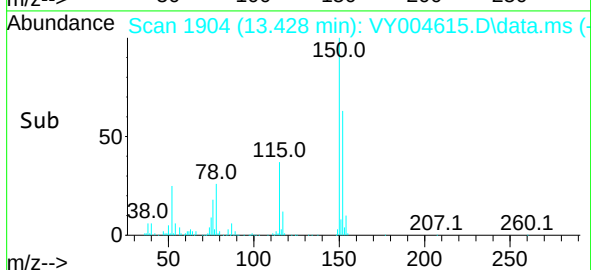
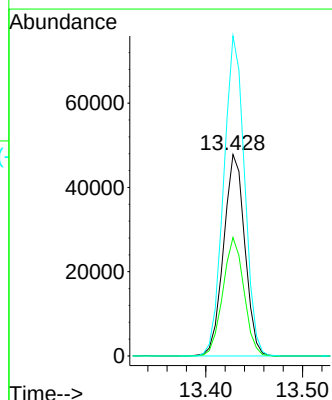
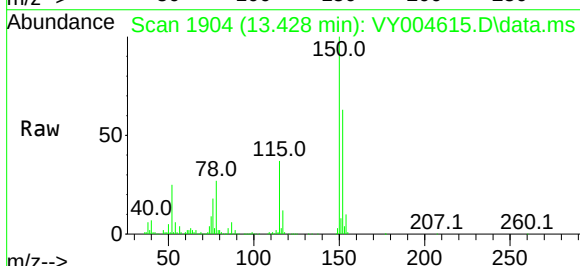
Instrument :
MSVOA_Y
ClientSampleId :

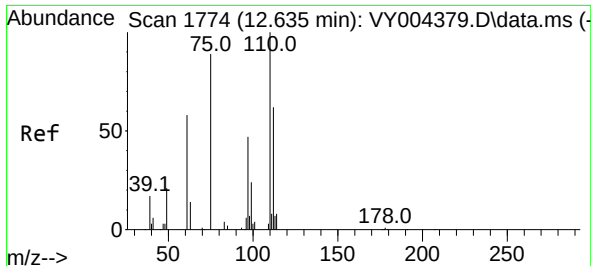
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.9	67.3
119	33.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.6	88.8
150	156.2	0.0	348.4

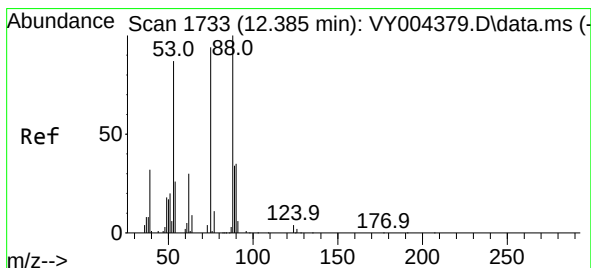
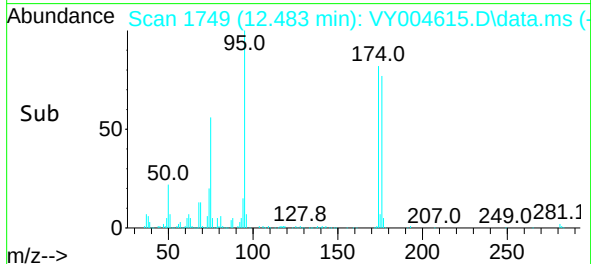
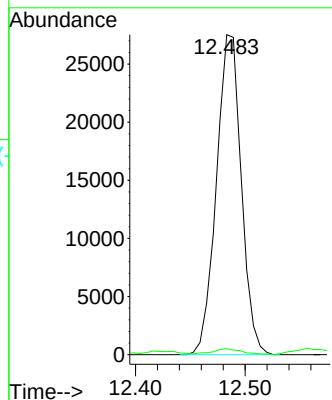
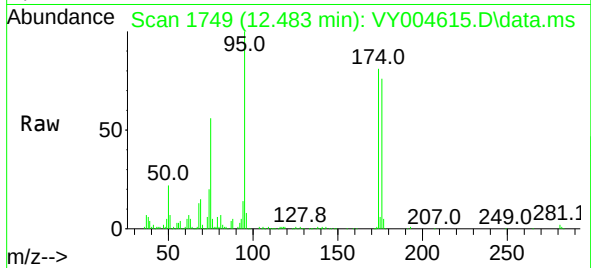




#76
1,2,3-Trichloropropane
Concen: 55.63 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 43440
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.51 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004615.D
Acq: 23 Apr 2021 19:05

Tgt Ion: 75 Resp: 43440
Ion Ratio Lower Upper
75 100
53 1.1 75.0 112.6#
89 0.0 36.1 54.1#

