

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091421\
 Data File : VY006007.D
 Acq On : 14 Sep 2021 14:58
 Operator : SY/MD
 Sample : M3684-16RE
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A007015

Quant Time: Sep 15 05:13:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

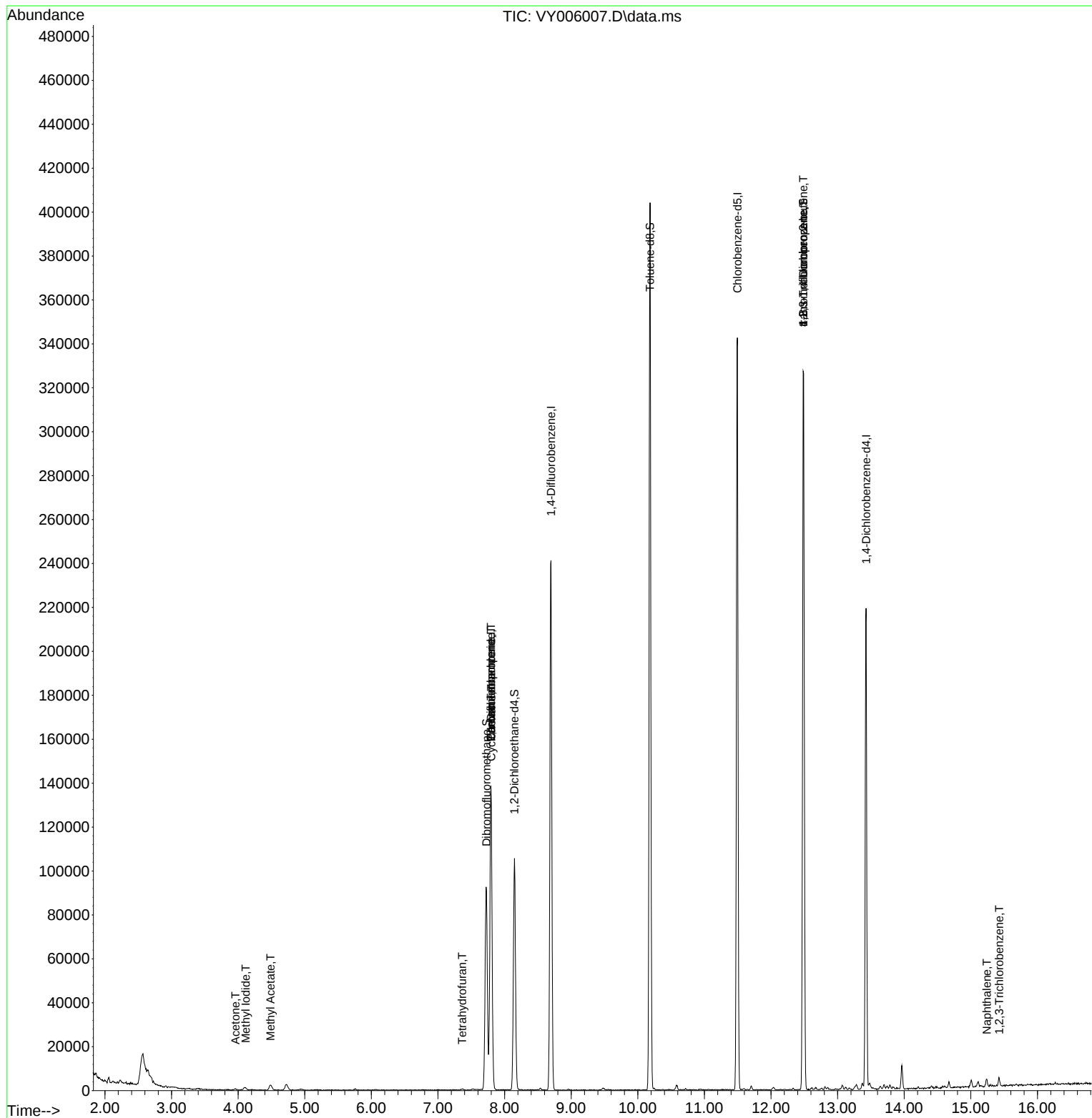
Internal Standards						
1) Pentafluorobenzene	7.795	168	106163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	174018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86014	58.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.660%	
35) Dibromofluoromethane	7.728	113	61836	52.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.080%	
50) Toluene-d8	10.185	98	252609	49.882	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	12.483	95	64211	37.346	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.700%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	2045	1.885	ug/l #	35
11) Tert butyl alcohol	4.972	59	231	Below Cal	#	77
16) Acetone	3.960	43	824	2.037	ug/l	97
18) Methyl Acetate	4.485	43	4892	4.801	ug/l	96
20) Methylene Chloride	4.722	84	1834	Below Cal		89
29) Tetrahydrofuran	7.362	42	397	1.133	ug/l #	50
31) Cyclohexane	7.801	56	2697	1.142	ug/l #	35
36) 1,1-Dichloropropene	7.795	75	8616	4.173	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10816	4.812	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	38778	67.985	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38778	124.991	ug/l #	8
95) Naphthalene	15.239	128	2662	1.245	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.428	180	1131	1.214	ug/l	96

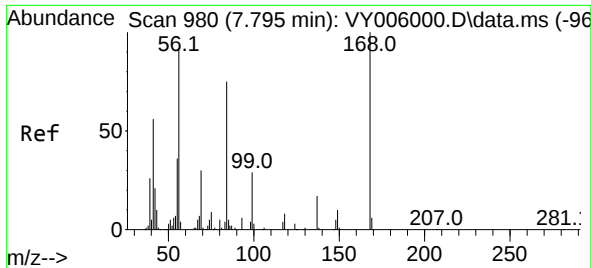
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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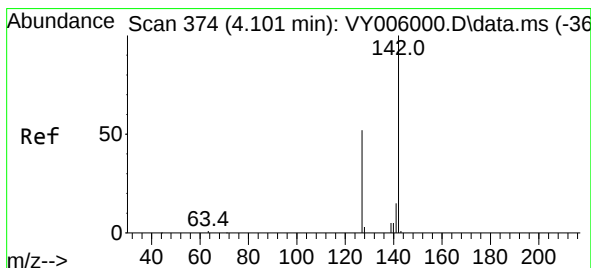
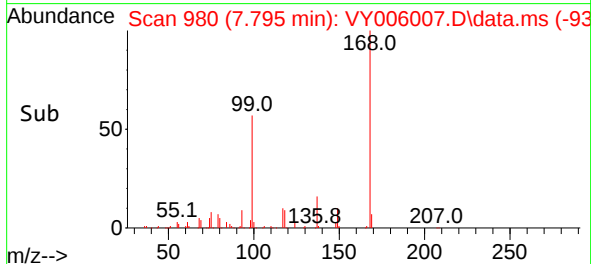
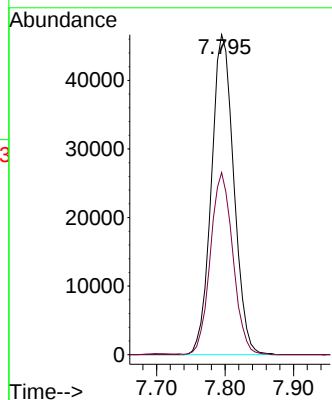
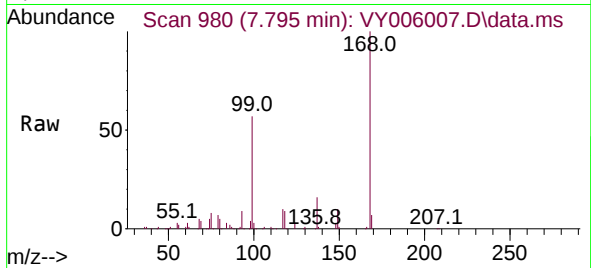




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

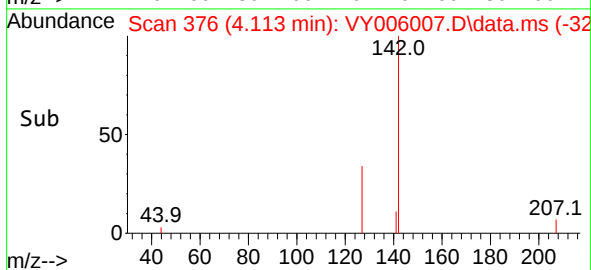
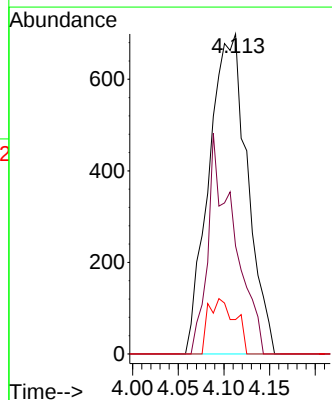
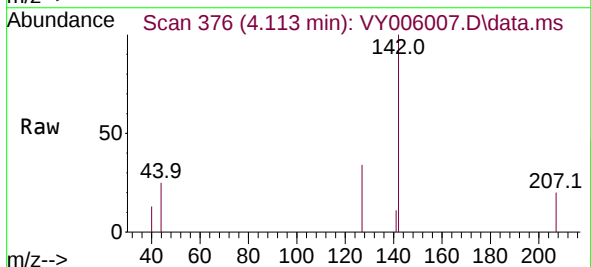
Instrument :
MSVOA_Y
ClientSampleId :
A007015

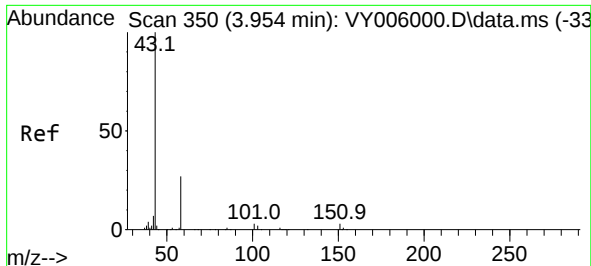
Tgt Ion:168 Resp: 106163
Ion Ratio Lower Upper
168 100
99 56.9 46.9 70.3



#10
Methyl Iodide
Concen: 1.885 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

Tgt Ion:142 Resp: 2045
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

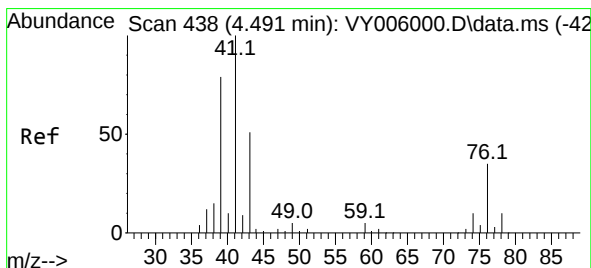
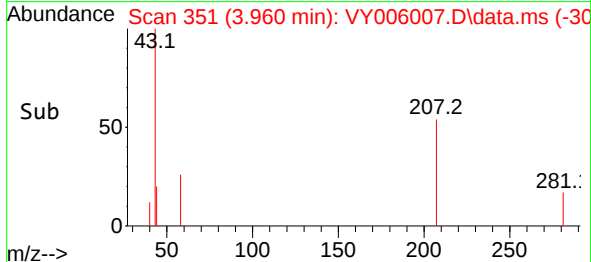
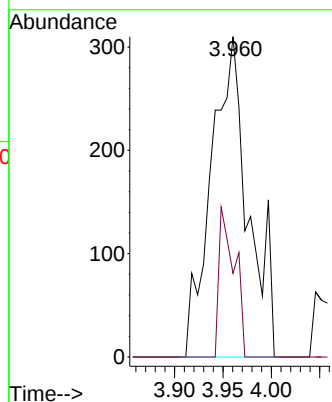
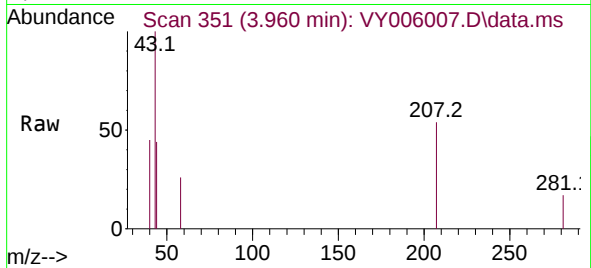




#16
Acetone
Concen: 2.037 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

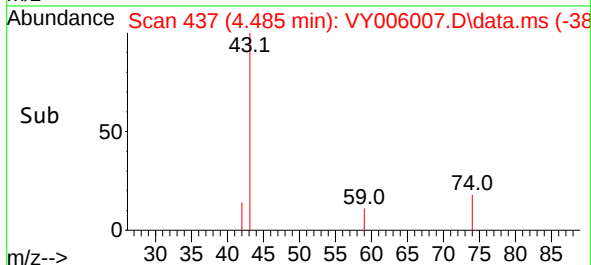
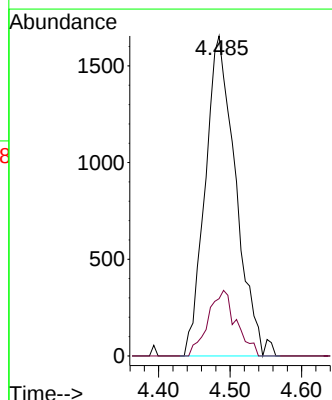
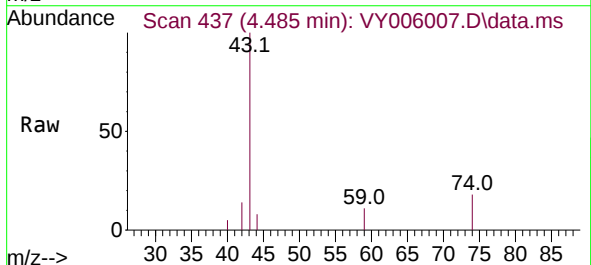
Instrument :
MSVOA_Y
ClientSampled :
A007015

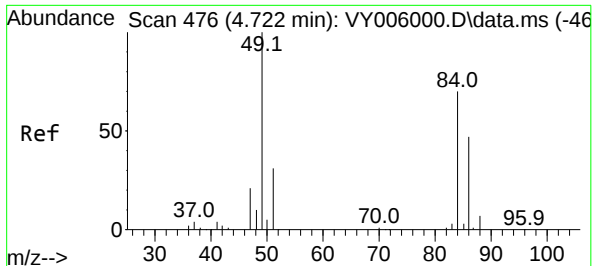
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 26.1 22.0 33.0



#18
Methyl Acetate
Concen: 4.801 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

Tgt Ion: 43 Resp: 4892
Ion Ratio Lower Upper
43 100
74 18.9 16.6 24.8





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY006007.D

Acq: 14 Sep 2021 14:58

Instrument :
MSVOA_Y
ClientSampleId :
A007015

Tgt Ion: 84 Resp: 1834

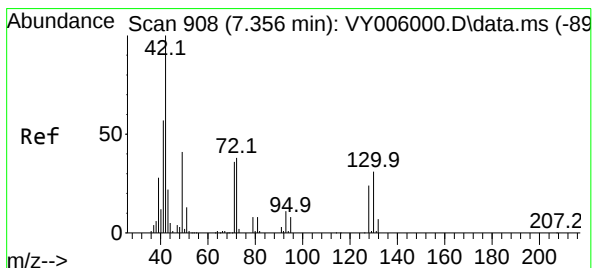
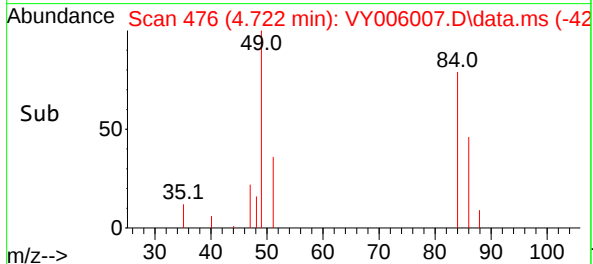
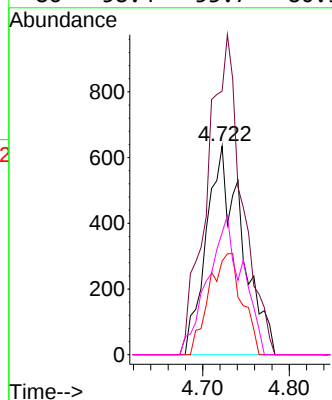
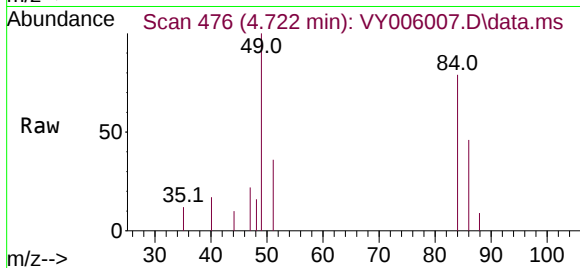
Ion Ratio Lower Upper

84 100

49 126.3 114.4 171.6

51 44.9 35.3 52.9

86 58.4 53.7 80.5



#29

Tetrahydrofuran

Concen: 1.133 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY006007.D

Acq: 14 Sep 2021 14:58

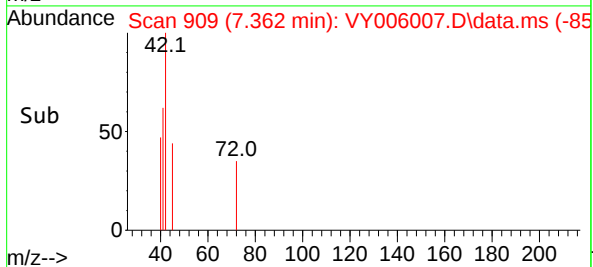
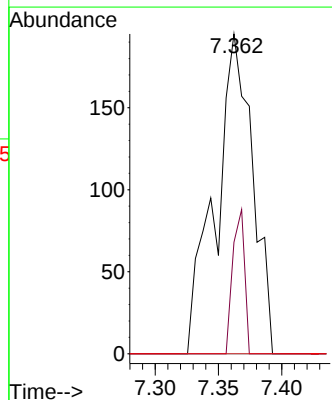
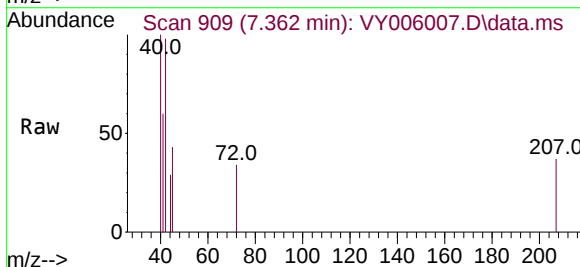
Tgt Ion: 42 Resp: 397

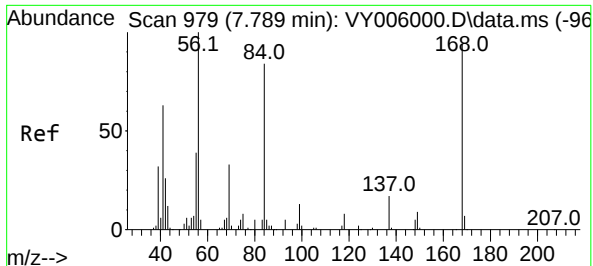
Ion Ratio Lower Upper

42 100

72 14.4 30.3 45.5#

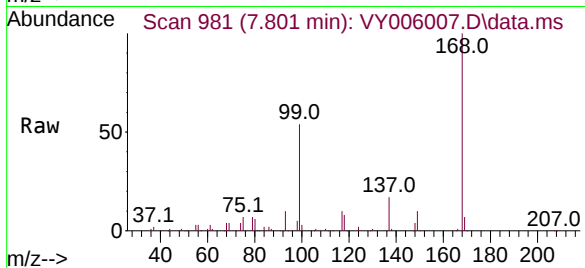
71 0.0 29.0 43.4#



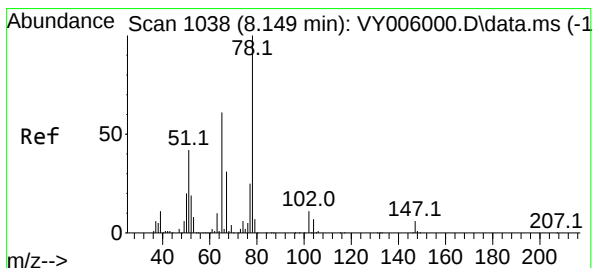
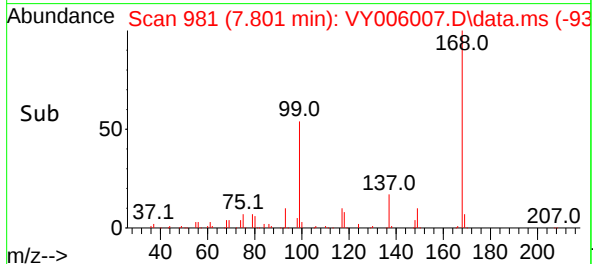
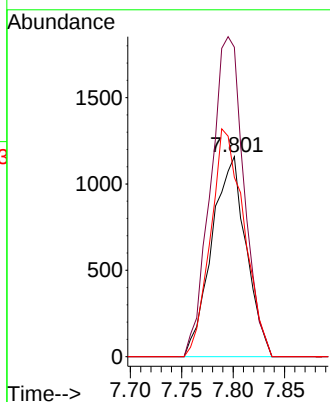


#31
Cyclohexane
Concen: 1.142 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

Instrument :
MSVOA_Y
ClientSampleId :
A007015

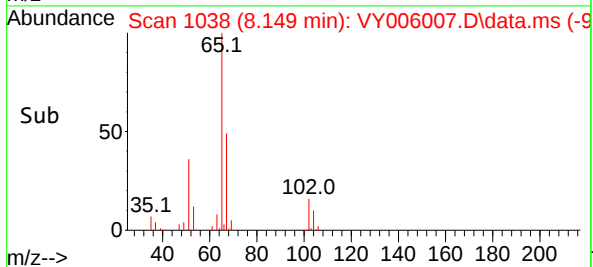
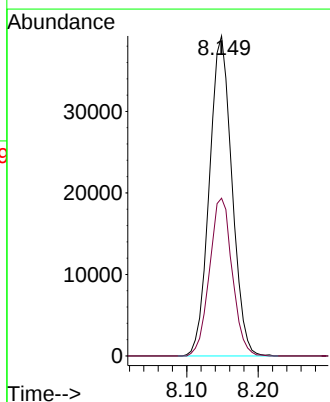
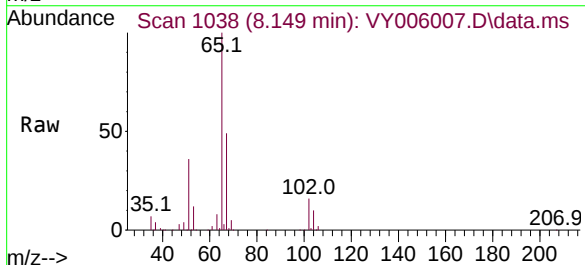


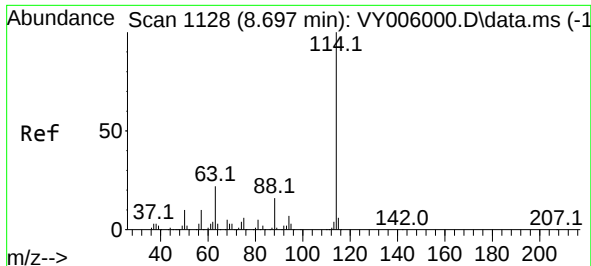
Tgt Ion: 56 Resp: 2697
Ion Ratio Lower Upper
56 100
69 154.7 26.7 40.1#
84 89.6 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 58.328 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

Tgt Ion: 65 Resp: 86014
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.4

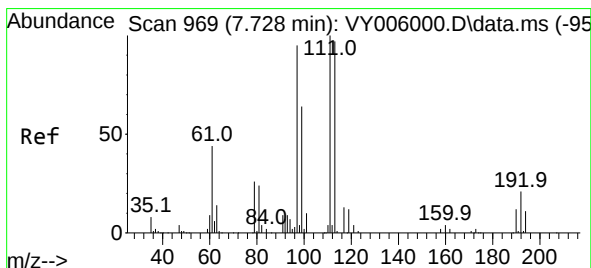
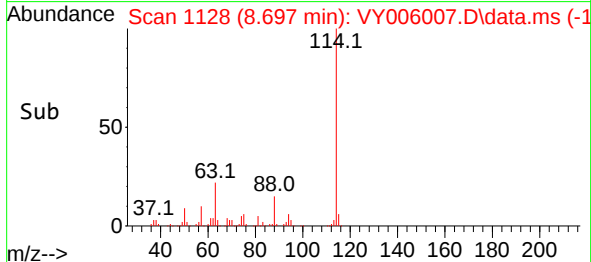
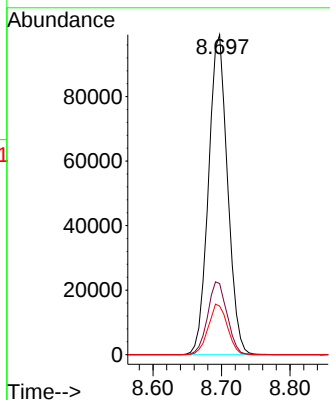
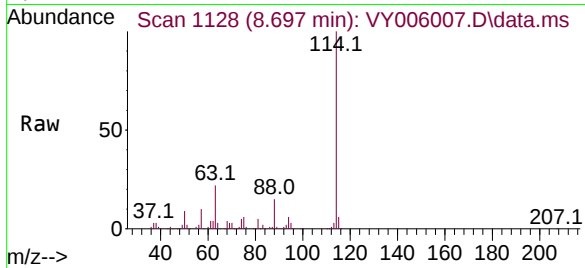




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

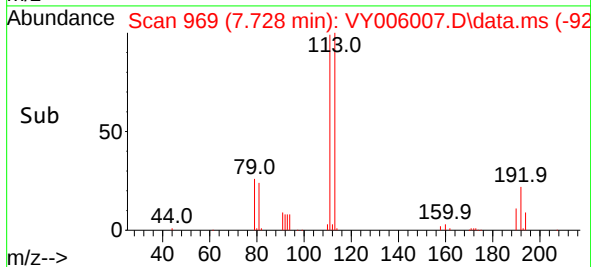
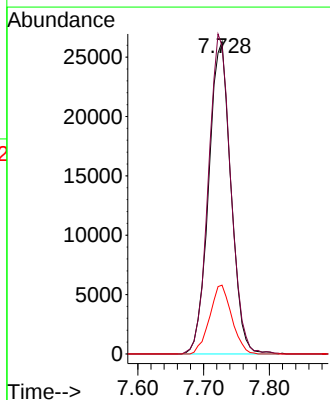
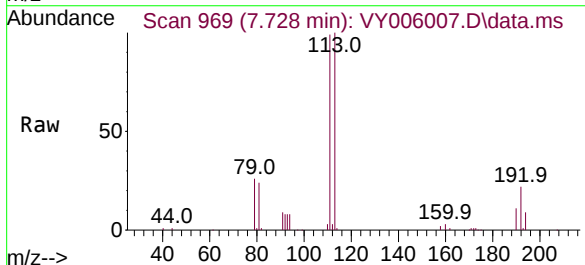
Instrument :
MSVOA_Y
ClientSampleId :
A007015

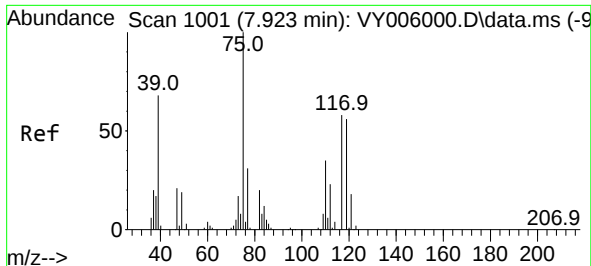
Tgt Ion:	114	Resp:	191301
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.2
88	15.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 52.042 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

Tgt Ion:	113	Resp:	61836
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	21.8	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.173 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006007.D

Acq: 14 Sep 2021 14:58

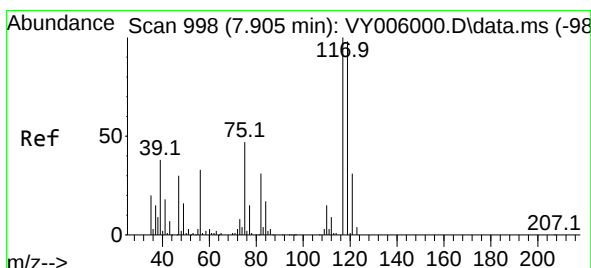
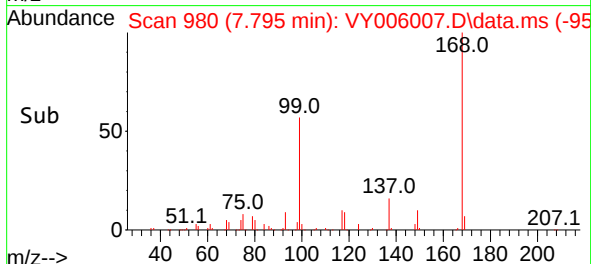
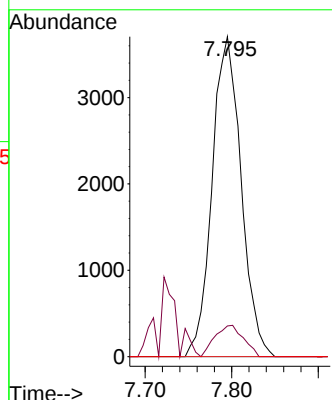
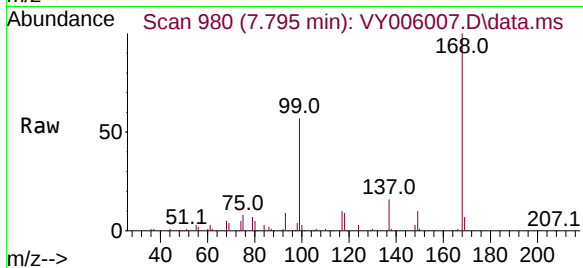
Instrument :

MSVOA_Y

ClientSampleId :

A007015

Tgt Ion:	75	Resp:	8616
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 4.812 ug/l

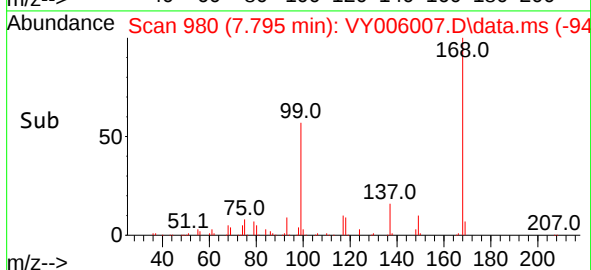
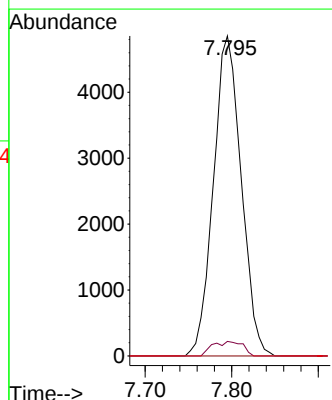
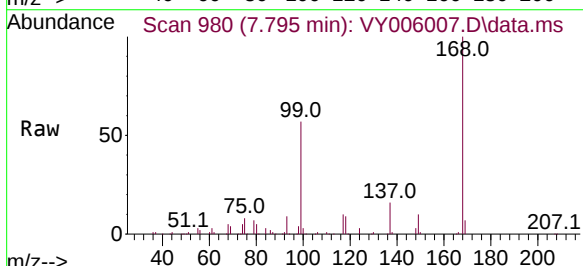
RT: 7.795 min Scan# 980

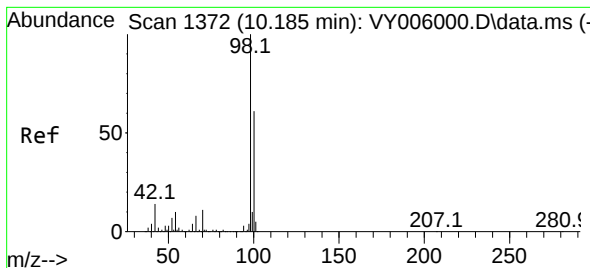
Delta R.T. -0.110 min

Lab File: VY006007.D

Acq: 14 Sep 2021 14:58

Tgt Ion:	117	Resp:	10816
Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.9	116.9#
121	0.0	24.8	37.2#

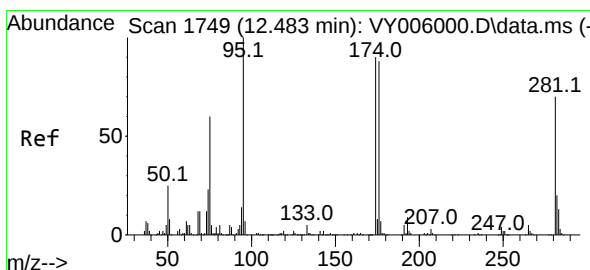
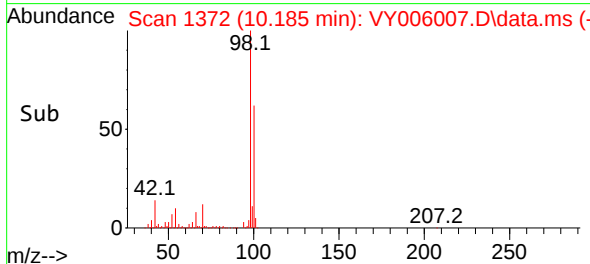
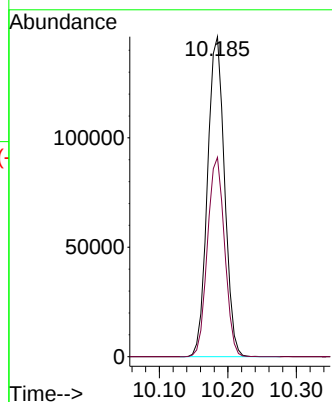
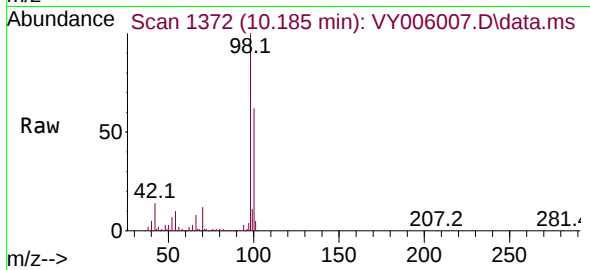




#50
Toluene-d8
Concen: 49.882 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

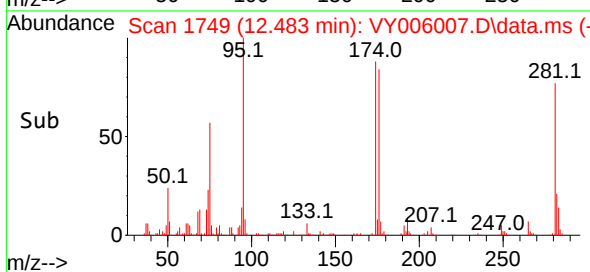
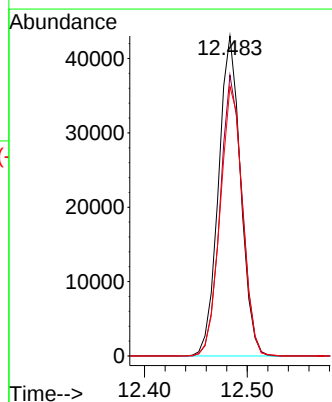
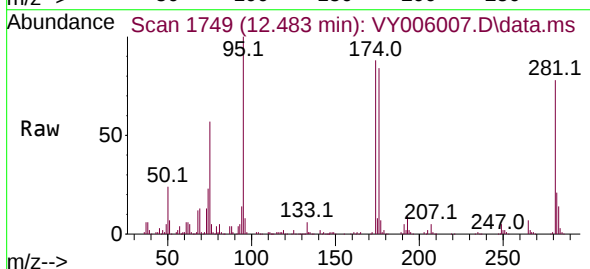
Instrument :
MSVOA_Y
ClientSampled :
A007015

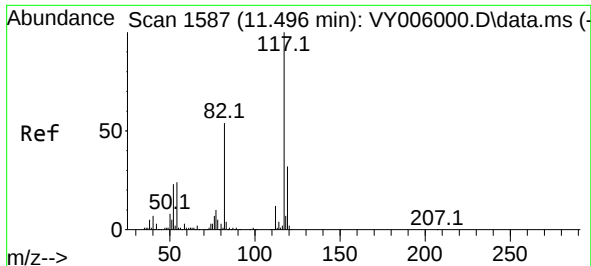
Tgt Ion: 98 Resp: 252609
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.346 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

Tgt Ion: 95 Resp: 64211
Ion Ratio Lower Upper
95 100
174 87.4 0.0 177.0
176 85.0 0.0 175.8

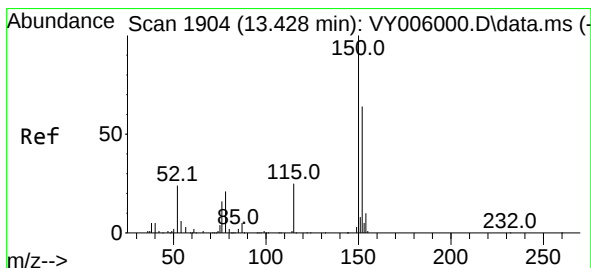
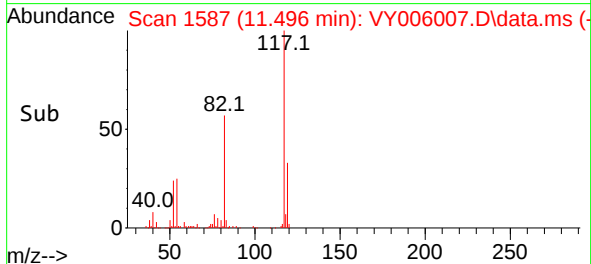
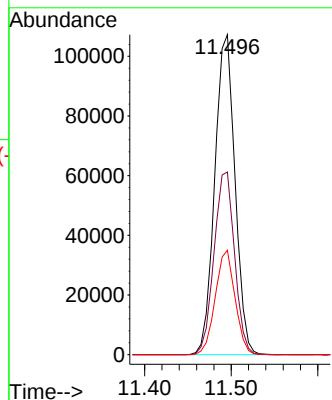
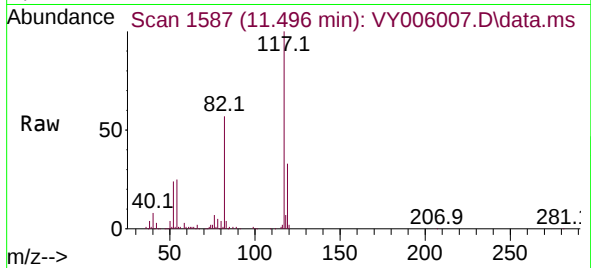




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

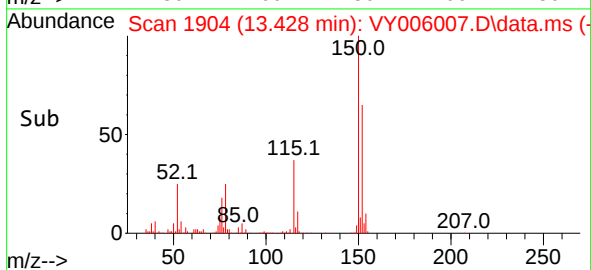
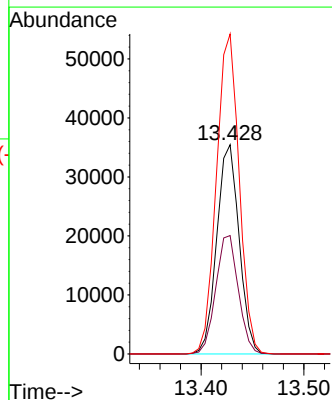
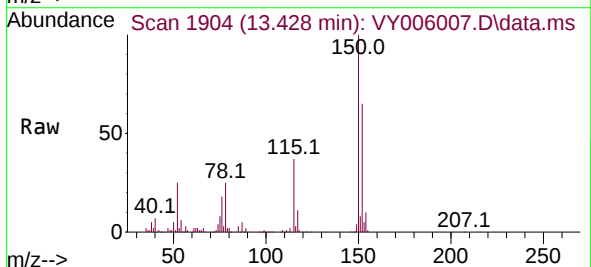
Instrument :
MSVOA_Y
ClientSampleId :
A007015

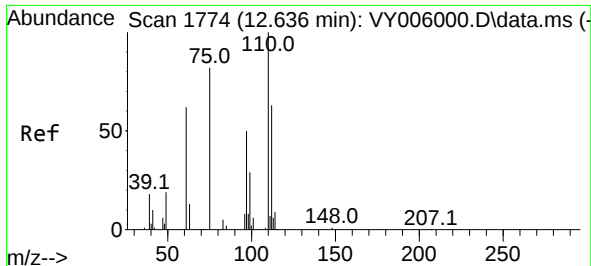
Tgt Ion:	117	Resp:	174018
Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.0	64.4
119	32.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

Tgt Ion:	152	Resp:	53498
Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.2	84.7
150	155.3	0.0	347.6

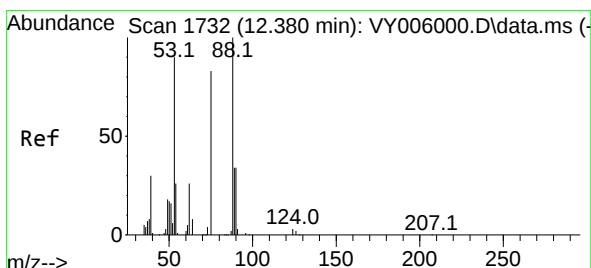
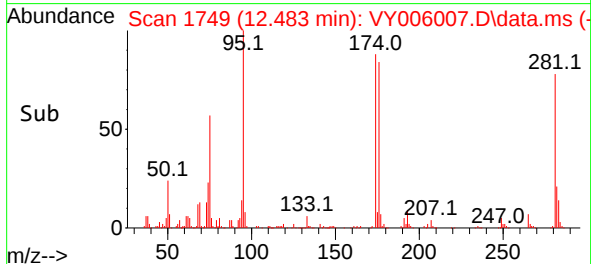
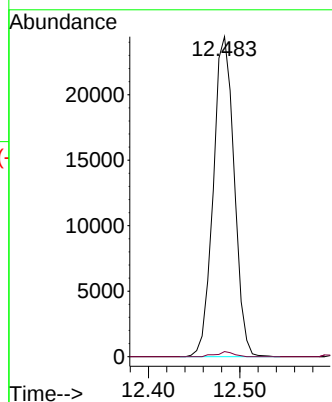
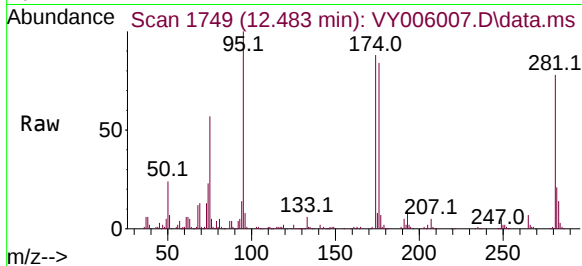




#76
1,2,3-Trichloropropane
Concen: 67.985 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

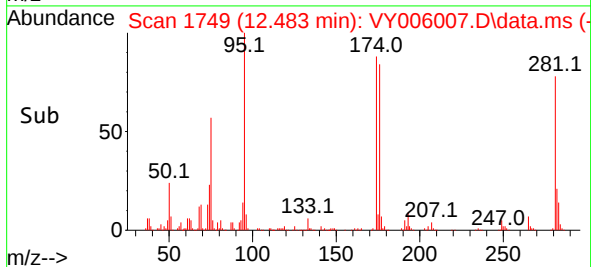
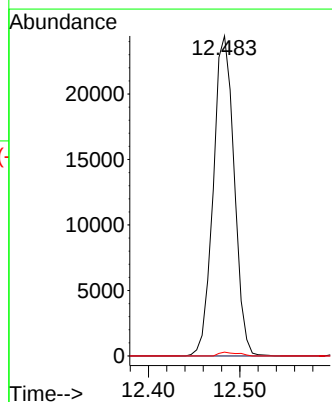
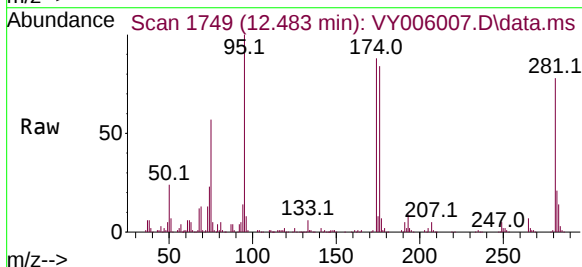
Instrument :
MSVOA_Y
ClientSampleId :
A007015

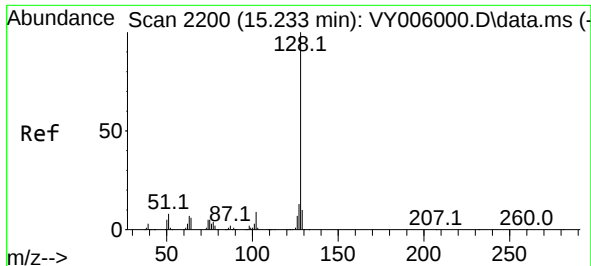
Tgt Ion: 75 Resp: 38778
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.991 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

Tgt Ion: 75 Resp: 38778
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.1 37.0 55.4#

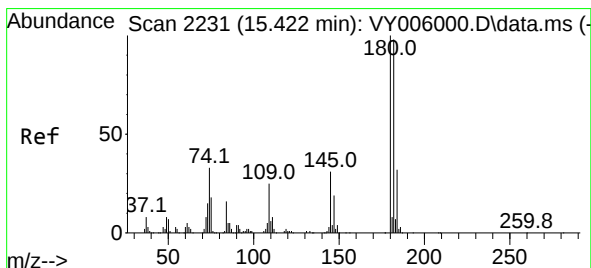
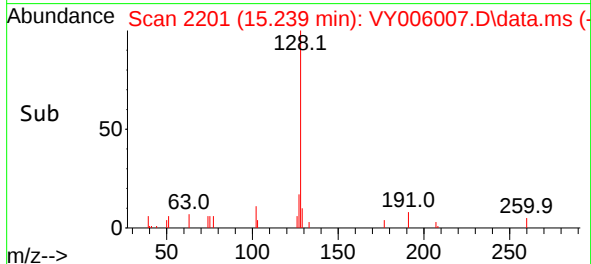
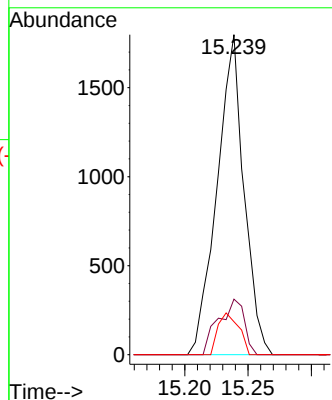
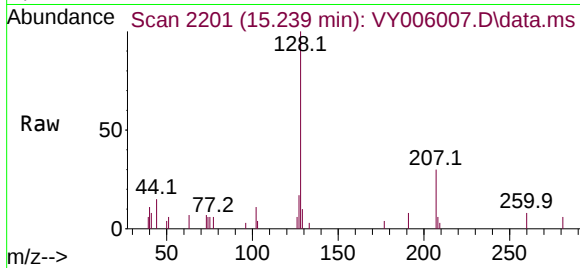




#95
Naphthalene
Concen: 1.245 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

Instrument :
MSVOA_Y
ClientSampleId :
A007015

Tgt Ion:128 Resp: 2662
Ion Ratio Lower Upper
128 100
127 16.6 11.0 16.4#
129 10.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 1.214 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY006007.D
Acq: 14 Sep 2021 14:58

Tgt Ion:180 Resp: 1131
Ion Ratio Lower Upper
180 100
182 99.6 47.3 141.9
145 31.3 15.3 45.9

