

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006213.D
 Acq On : 29 Sep 2021 15:19
 Operator : SY/MD
 Sample : M3961-01
 Misc : 6.87G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 07:01:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

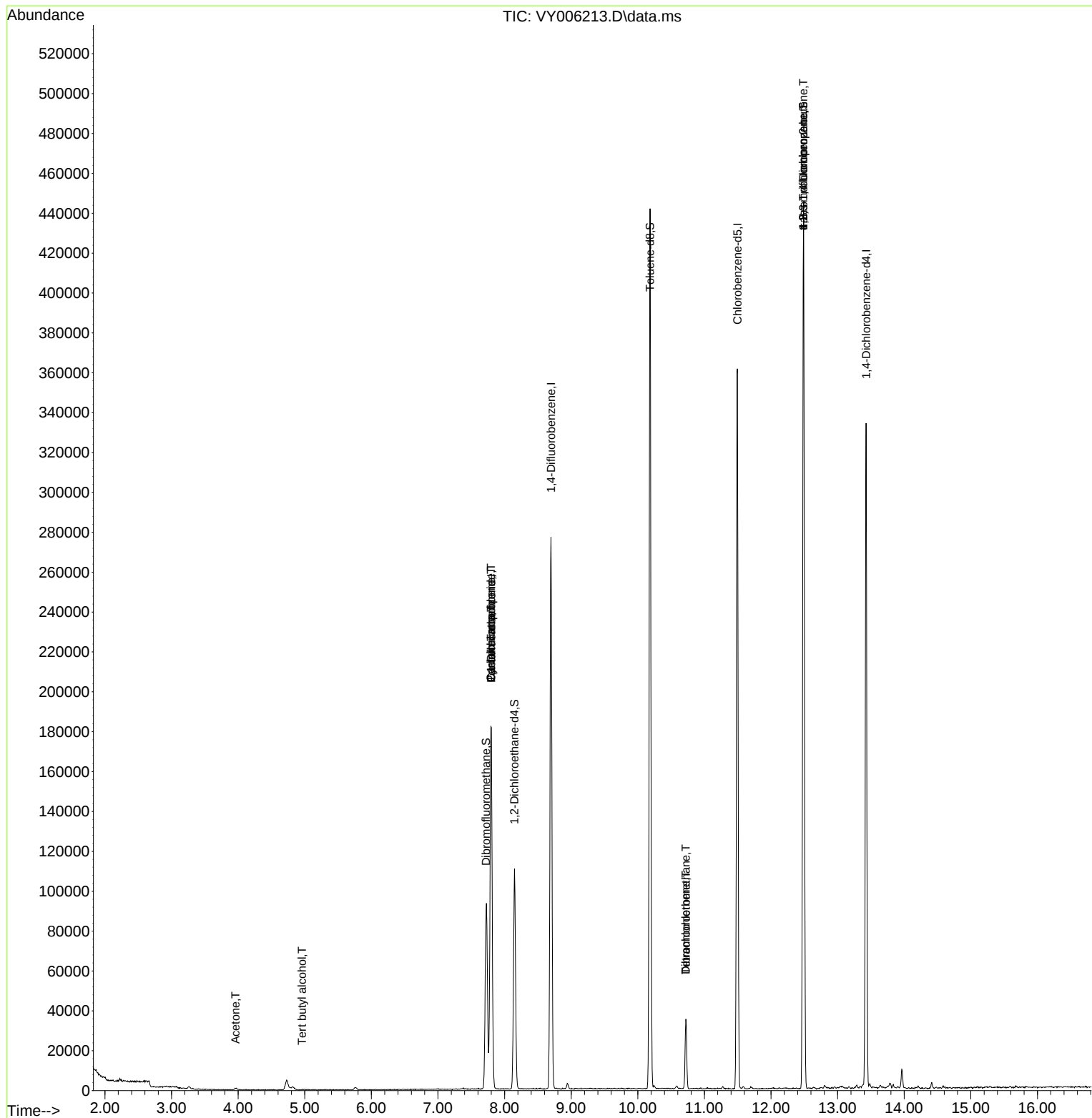
Internal Standards						
1) Pentafluorobenzene	7.801	168	142289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	224570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86898	57.061	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.120%			
35) Dibromofluoromethane	7.722	113	64262	53.561	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.120%			
50) Toluene-d8	10.185	98	277685	55.301	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.600%			
62) 4-Bromofluorobenzene	12.483	95	81390	47.713	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.420%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	266	1.997	ug/l #	77
16) Acetone	3.960	43	1473	3.463	ug/l	90
20) Methylene Chloride	4.728	84	3286	Below Cal	#	80
31) Cyclohexane	7.795	56	3193	1.107	ug/l #	6
36) 1,1-Dichloropropene	7.795	75	11476	5.136	ug/l #	51
38) Carbon Tetrachloride	7.795	117	13585	5.758	ug/l #	15
60) Dibromochloromethane	10.721	129	6436	4.531	ug/l #	11
64) Tetrachloroethene	10.721	164	7705	4.983	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	46628	59.531	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46628	116.987	ug/l #	8

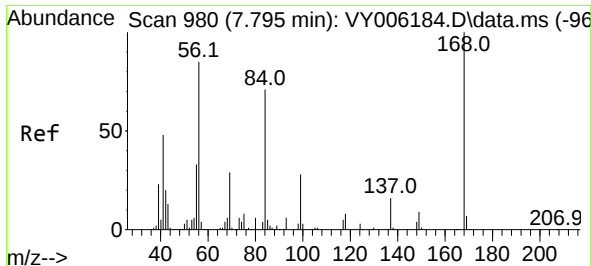
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

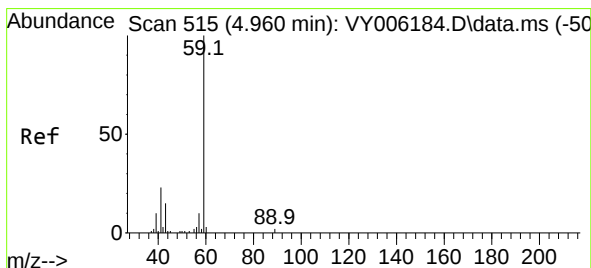
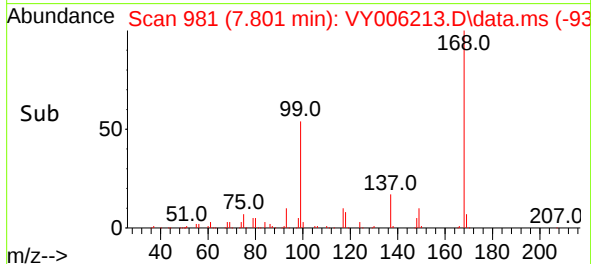
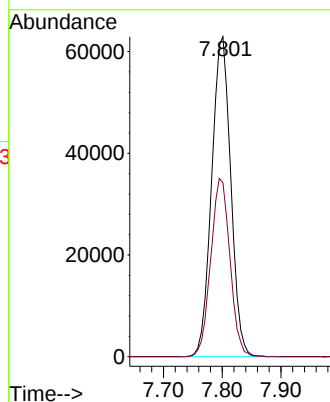
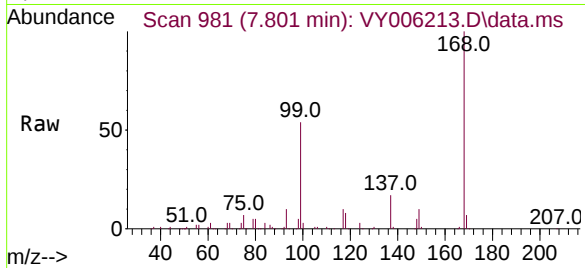




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006213.D
Acq: 29 Sep 2021 15:19

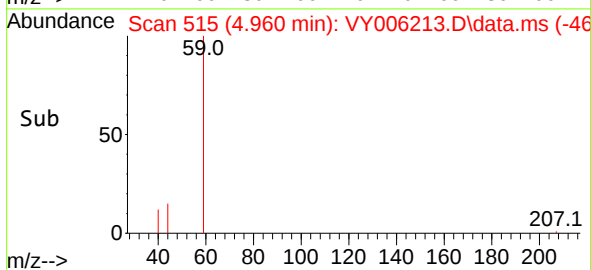
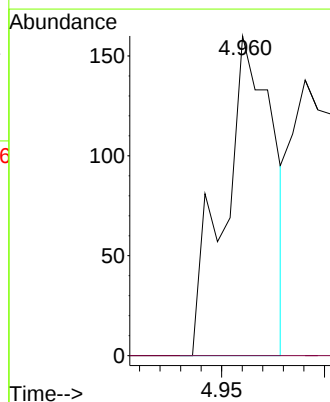
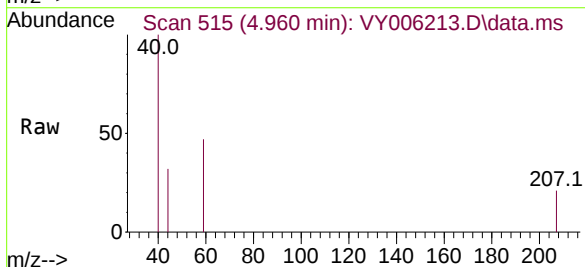
Instrument :
MSVOA_Y
ClientSampleId :

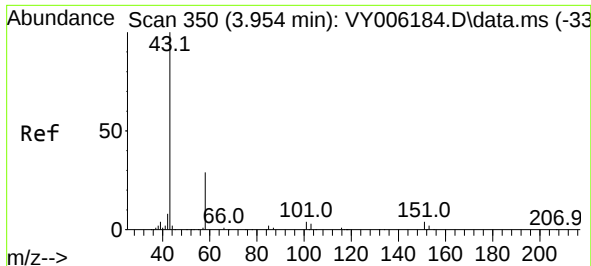
Tgt Ion:168 Resp: 142289
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.997 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006213.D
Acq: 29 Sep 2021 15:19

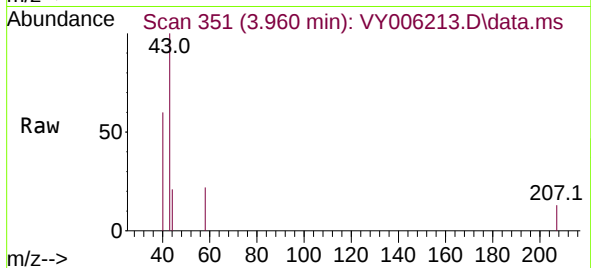
Tgt Ion: 59 Resp: 266
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



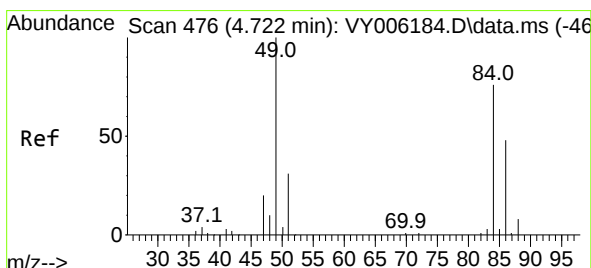
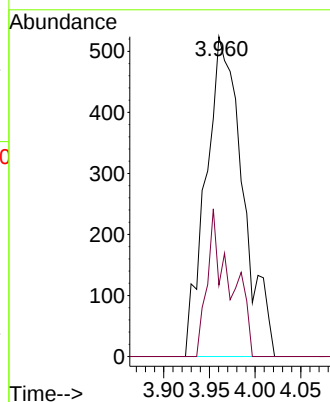
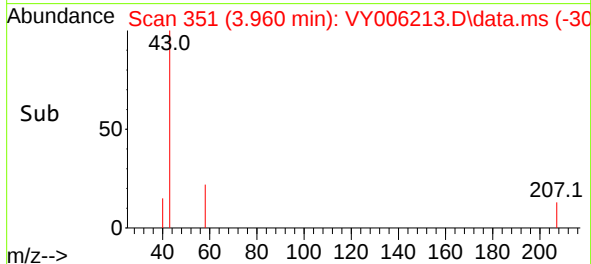


#16
Acetone
Concen: 3.463 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006213.D
Acq: 29 Sep 2021 15:19

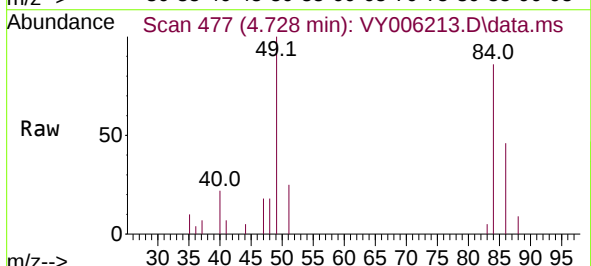
Instrument :
MSVOA_Y
ClientSampleId :



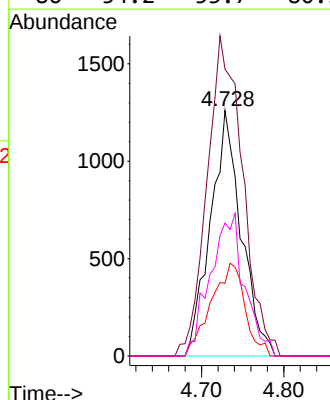
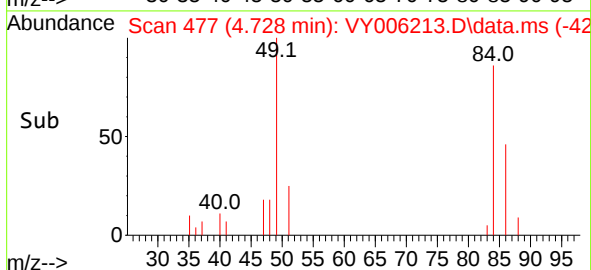
Tgt Ion: 43 Resp: 1473
Ion Ratio Lower Upper
43 100
58 22.3 22.0 33.0

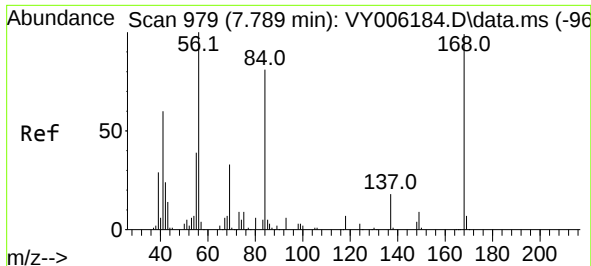


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006213.D
Acq: 29 Sep 2021 15:19



Tgt Ion: 84 Resp: 3286
Ion Ratio Lower Upper
84 100
49 116.9 114.4 171.6
51 29.6 35.3 52.9#
86 54.2 53.7 80.5

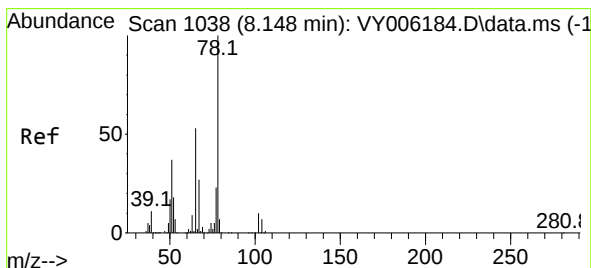
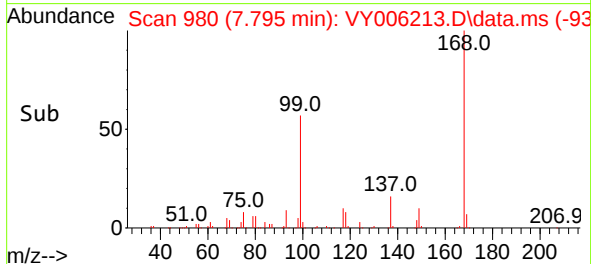
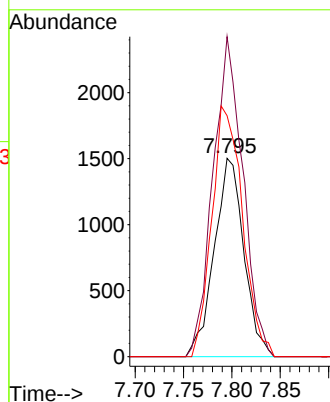
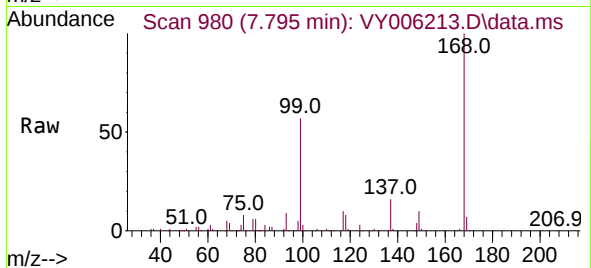




#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006213.D
Acq: 29 Sep 2021 15:19

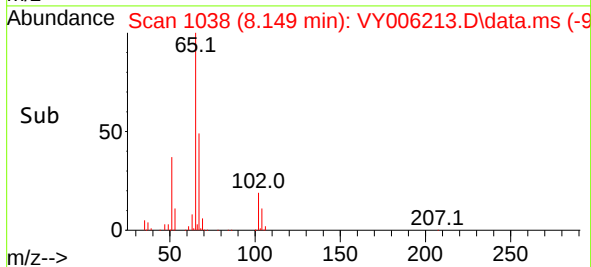
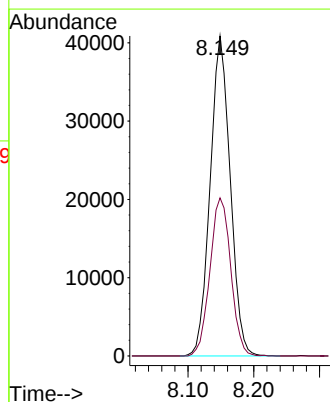
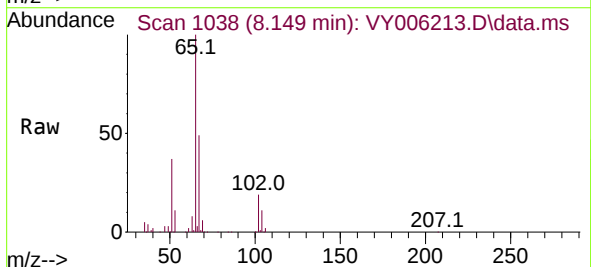
Instrument :
MSVOA_Y
ClientSampleId :

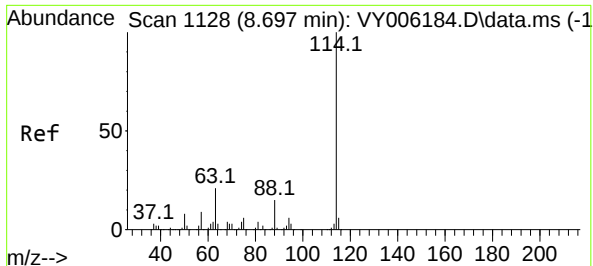
Tgt Ion: 56 Resp: 3193
Ion Ratio Lower Upper
56 100
69 161.3 26.7 40.1#
84 121.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.061 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006213.D
Acq: 29 Sep 2021 15:19

Tgt Ion: 65 Resp: 86898
Ion Ratio Lower Upper
65 100
67 51.2 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: VY006213.D

Acq: 29 Sep 2021 15:19

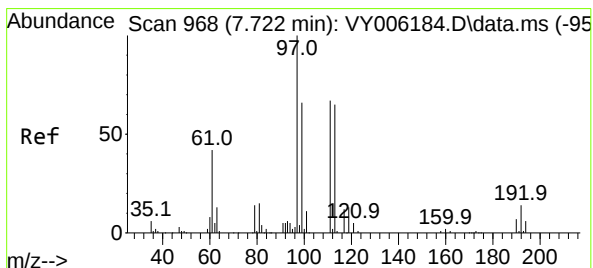
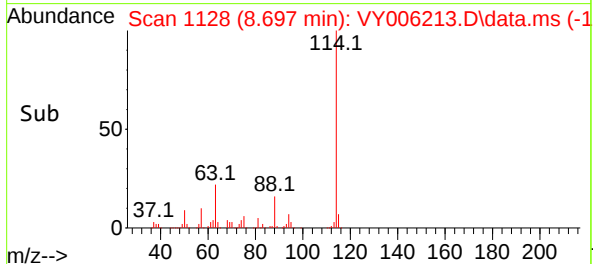
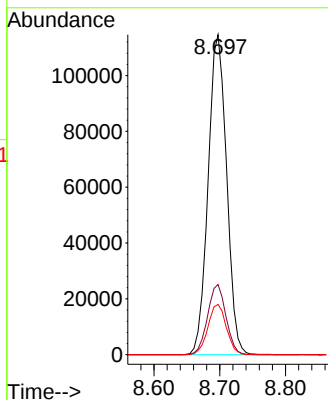
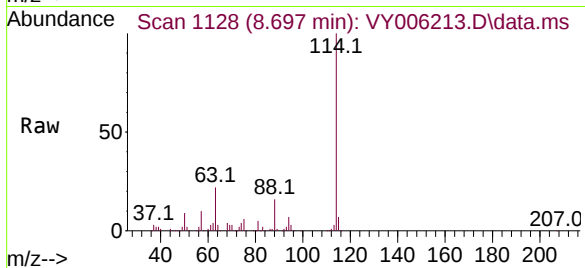
Tgt Ion:114 Resp: 224570

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.561 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006213.D

Acq: 29 Sep 2021 15:19

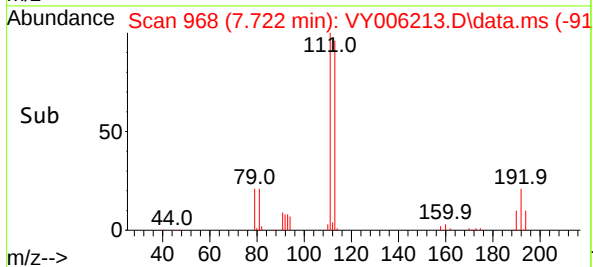
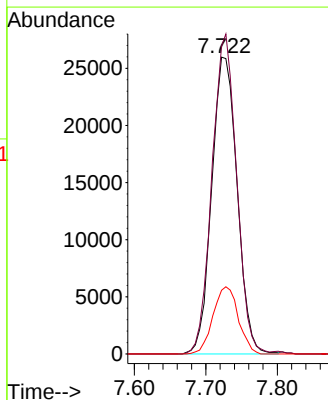
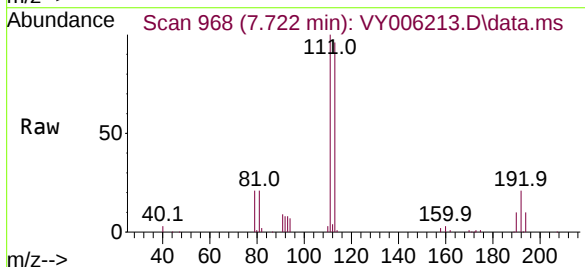
Tgt Ion:113 Resp: 64262

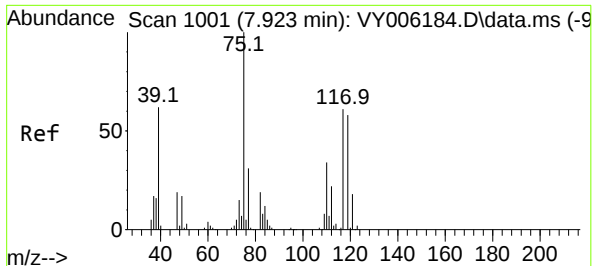
Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 22.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.136 ug/l

RT: 7.795 min Scan# 980

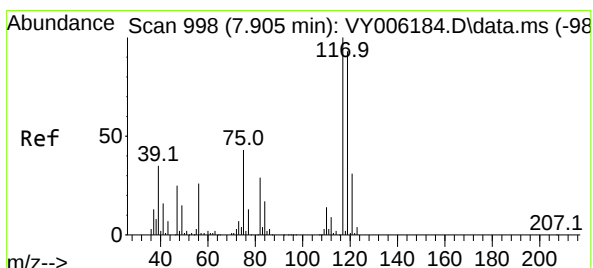
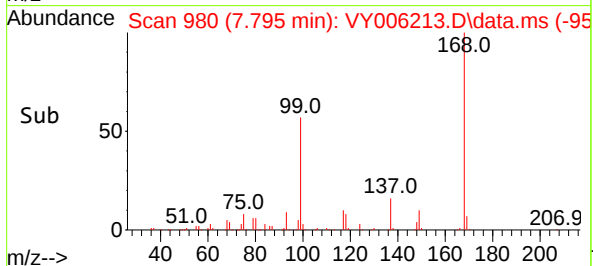
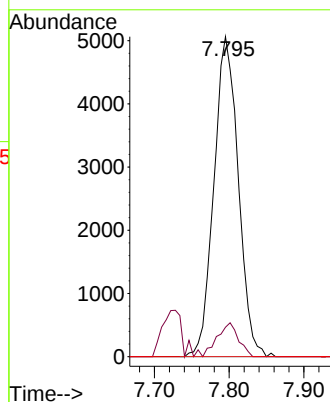
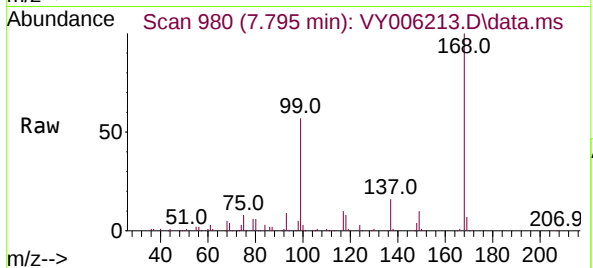
Delta R.T. -0.128 min

Lab File: VY006213.D

Acq: 29 Sep 2021 15:19

Tgt Ion:	75	Resp:	11476
Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.758 ug/l

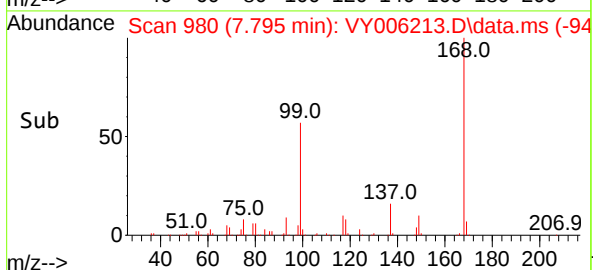
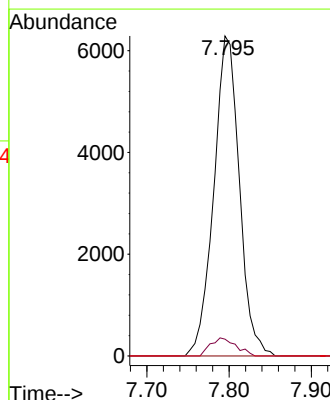
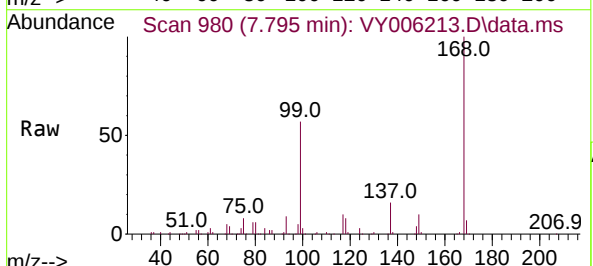
RT: 7.795 min Scan# 980

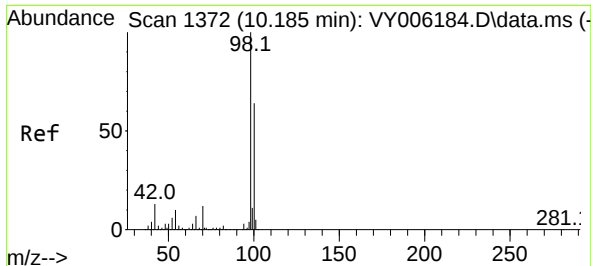
Delta R.T. -0.110 min

Lab File: VY006213.D

Acq: 29 Sep 2021 15:19

Tgt Ion:	117	Resp:	13585
Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.9	116.9#
121	0.0	24.8	37.2#

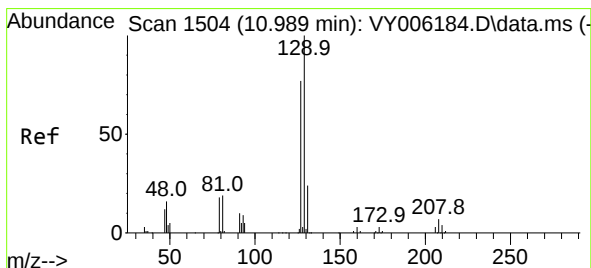
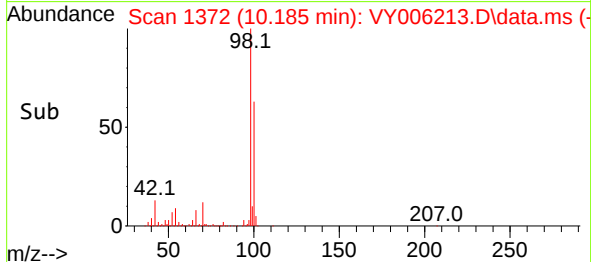
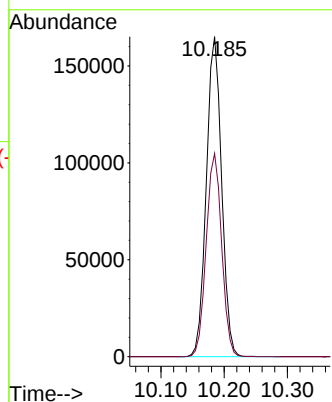
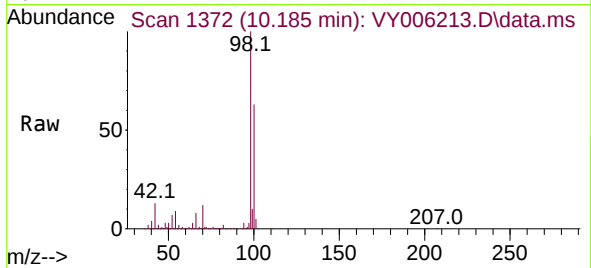




#50
Toluene-d8
Concen: 55.301 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006213.D
Acq: 29 Sep 2021 15:19

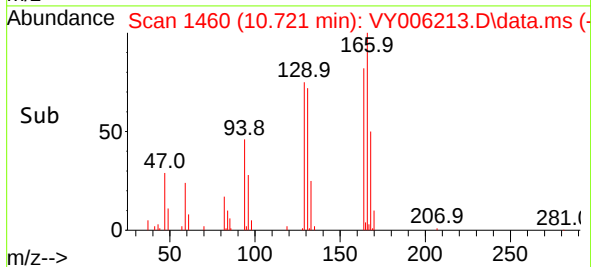
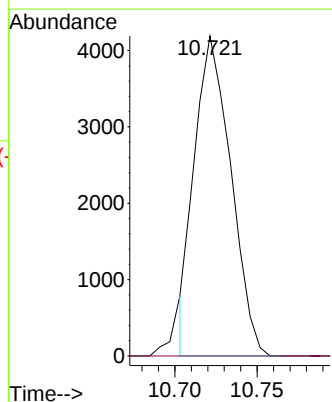
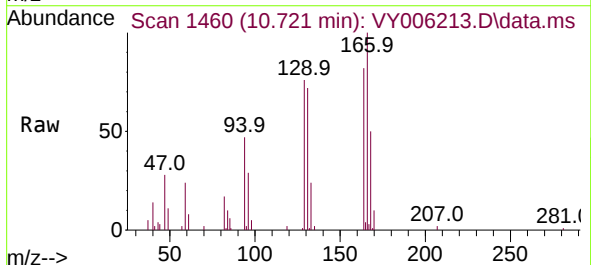
Instrument :
MSVOA_Y
ClientSampled :

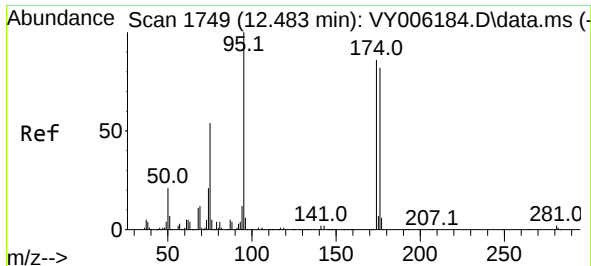
Tgt Ion: 98 Resp: 277685
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#60
Dibromochloromethane
Concen: 4.531 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY006213.D
Acq: 29 Sep 2021 15:19

Tgt Ion: 129 Resp: 6436
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

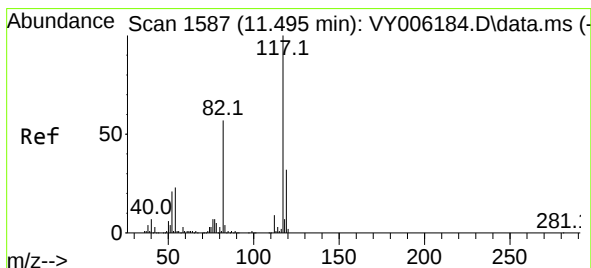
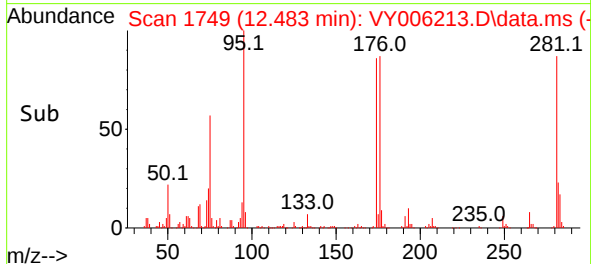
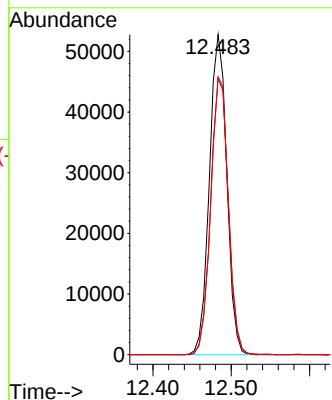
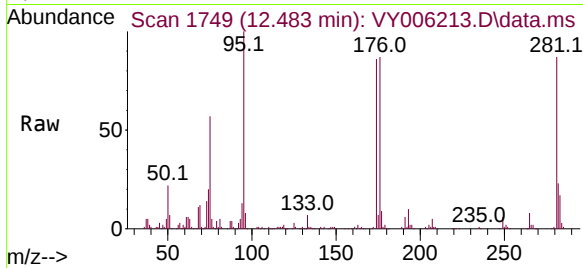




#62
4-Bromofluorobenzene
Concen: 47.713 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006213.D
Acq: 29 Sep 2021 15:19

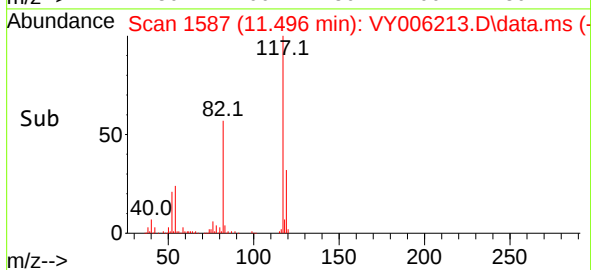
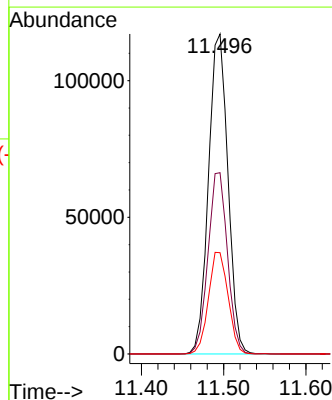
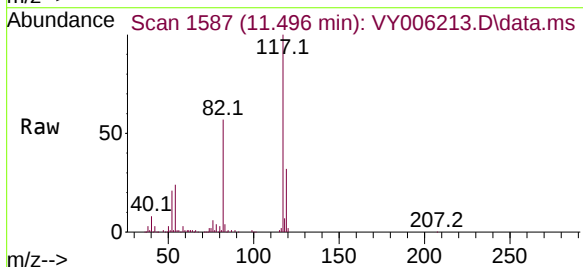
Instrument :
MSVOA_Y
ClientSampleId :

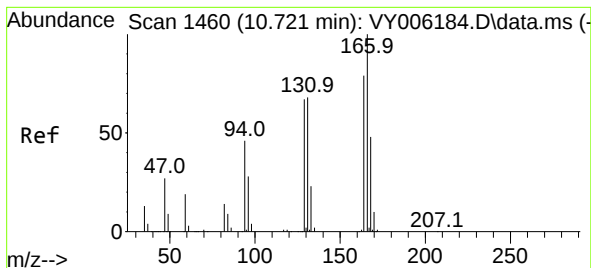
Tgt Ion: 95 Resp: 81390
Ion Ratio Lower Upper
95 100
174 87.4 0.0 177.0
176 87.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006213.D
Acq: 29 Sep 2021 15:19

Tgt Ion: 117 Resp: 192004
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 31.6 25.4 38.0



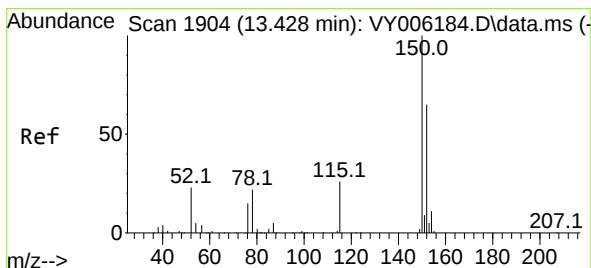
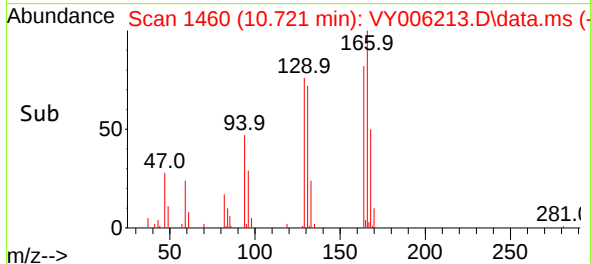
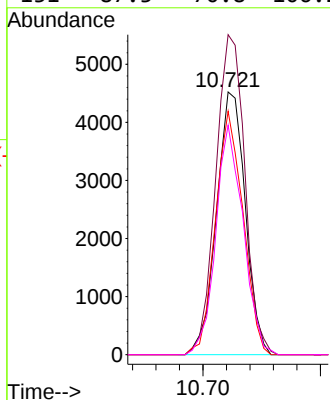
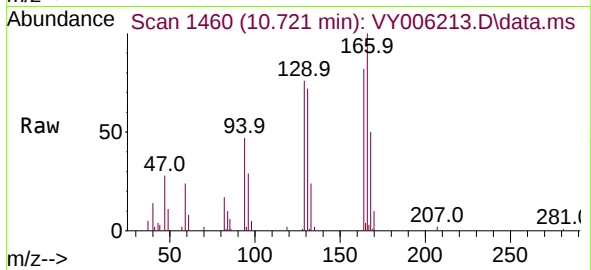


#64
Tetrachloroethene
Concen: 4.983 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006213.D
Acq: 29 Sep 2021 15:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:164 Resp: 7705

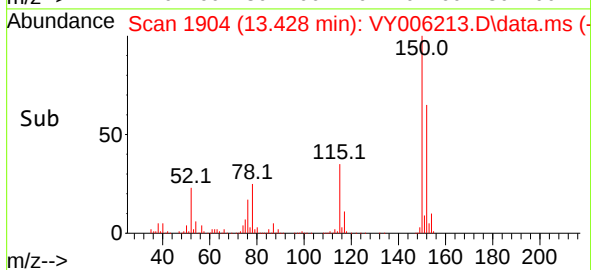
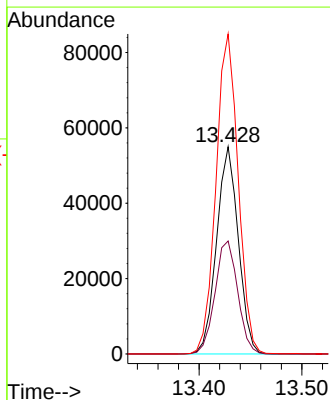
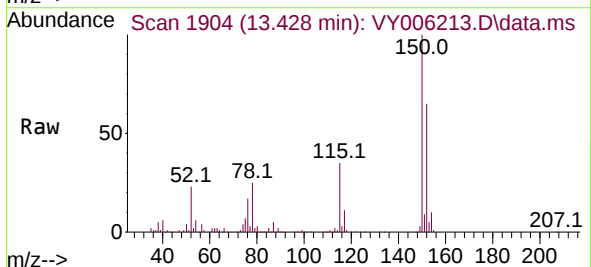
Ion	Ratio	Lower	Upper
164	100		
166	121.8	100.4	150.6
129	92.7	71.4	107.0
131	87.3	70.8	106.2



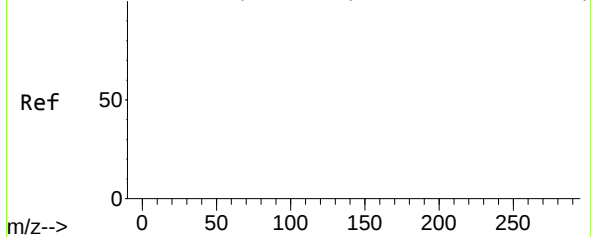
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006213.D
Acq: 29 Sep 2021 15:19

Tgt Ion:152 Resp: 80586

Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.2	84.7
150	157.8	0.0	347.6



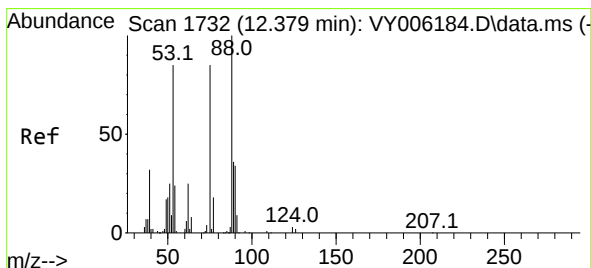
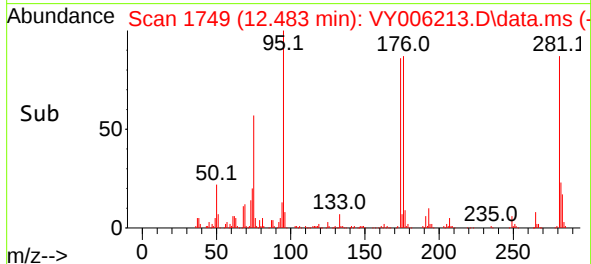
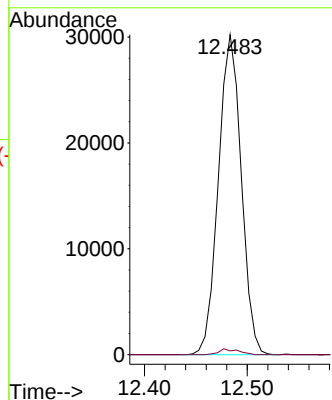
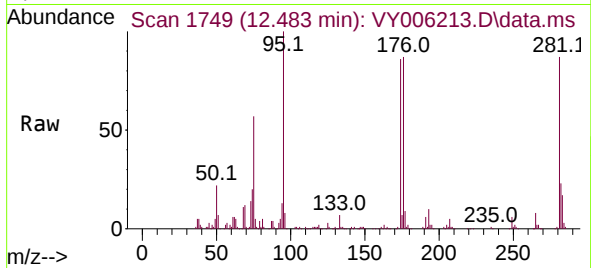
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



#76
1,2,3-Trichloropropane
Concen: 59.531 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006213.D
Acq: 29 Sep 2021 15:19

Tgt Ion: 75 Resp: 46628
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

Instrument :
MSVOA_Y
ClientSampled :



#81
trans-1,4-Dichloro-2-butene
Concen: 116.987 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006213.D
Acq: 29 Sep 2021 15:19

Tgt Ion: 75 Resp: 46628
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.2 37.0 55.4#

