

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006061.D
 Acq On : 17 Sep 2021 11:14
 Operator : SY/MD
 Sample : VY0917SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0917SBL01

Quant Time: Sep 20 01:37:59 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)

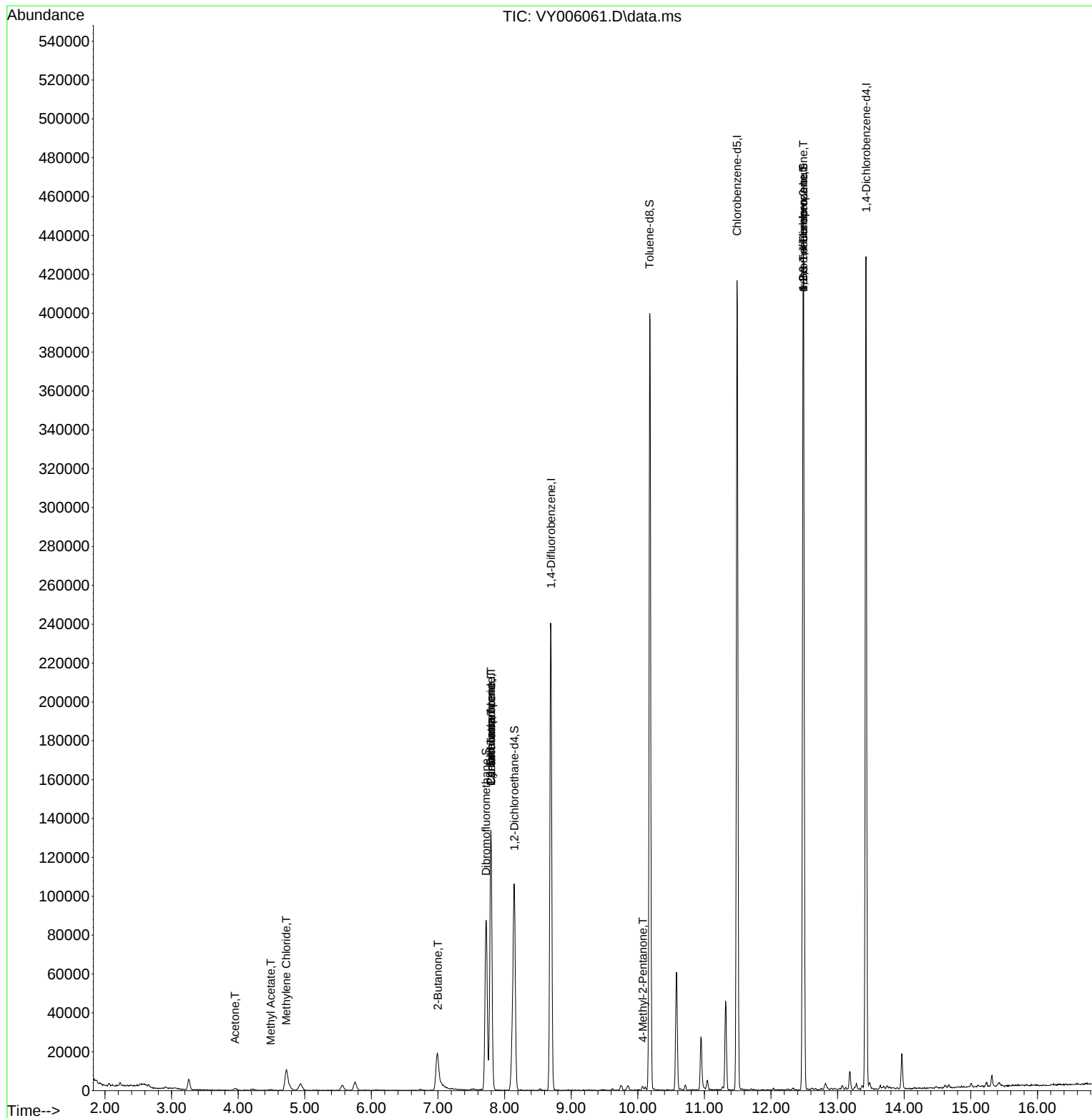
Internal Standards						
1) Pentafluorobenzene	7.795	168	102917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	212235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78677	55.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.080%
35) Dibromofluoromethane	7.722	113	58733	49.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.660%
50) Toluene-d8	10.179	98	251868	49.632	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.483	95	96019	55.729	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	3843	Below Cal	#	77
16) Acetone	3.954	43	1917	4.889	ug/l	94
18) Methyl Acetate	4.491	43	1081	1.094	ug/l #	76
20) Methylene Chloride	4.722	84	6896	1.090	ug/l	92
25) 2-Butanone	6.996	43	1604	2.968	ug/l #	87
31) Cyclohexane	7.795	56	2559	1.117	ug/l #	44
36) 1,1-Dichloropropene	7.795	75	8918	4.310	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10602	4.707	ug/l #	15
51) 4-Methyl-2-Pentanone	10.075	43	1553	1.094	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	57217	50.517	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57217	92.876	ug/l #	8

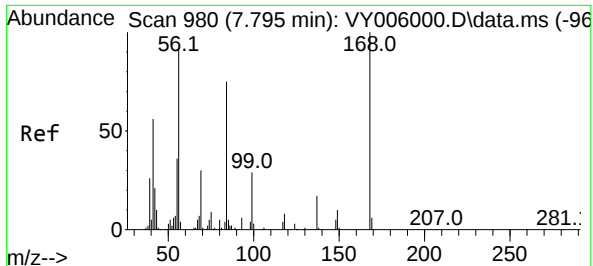
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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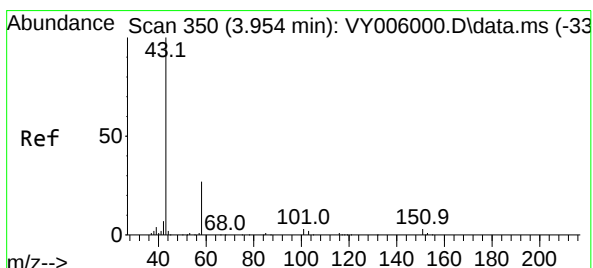
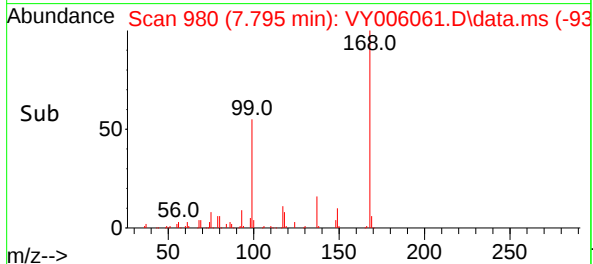
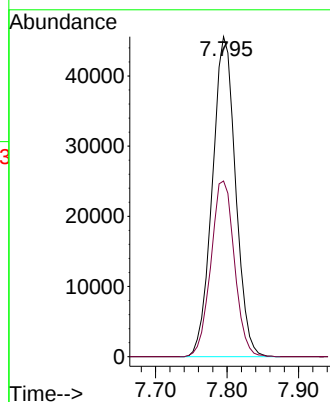
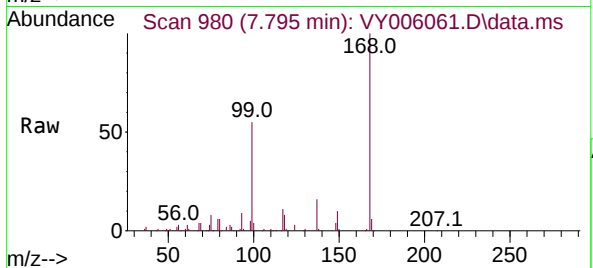




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

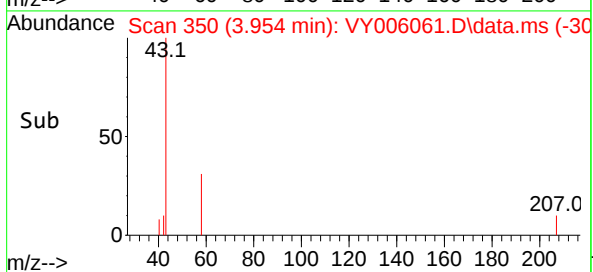
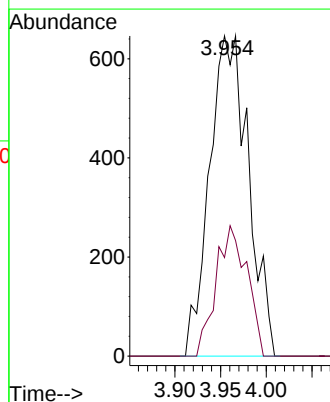
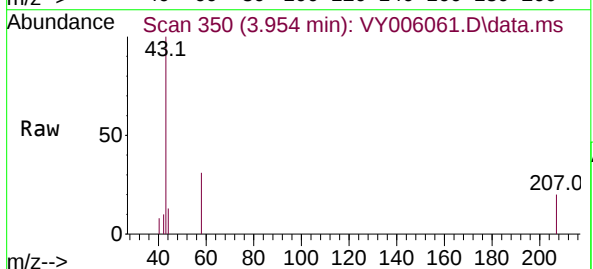
Instrument :
MSVOA_Y
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VY0917SBL01

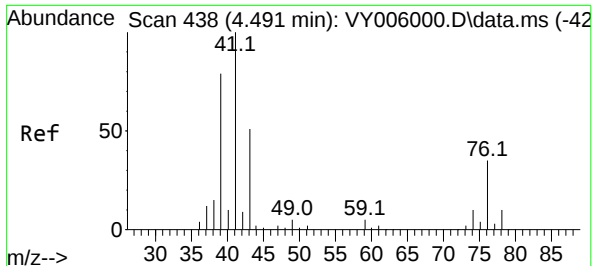
Tgt Ion:168 Resp: 102917
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#16
Acetone
Concen: 4.889 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

Tgt Ion: 43 Resp: 1917
Ion Ratio Lower Upper
43 100
58 30.8 22.0 33.0

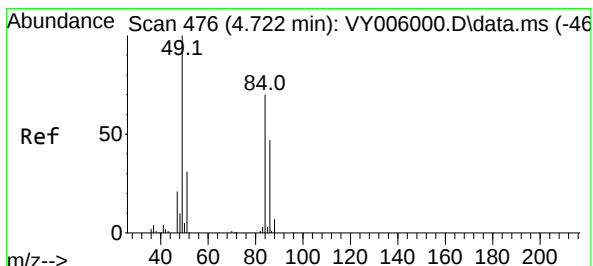
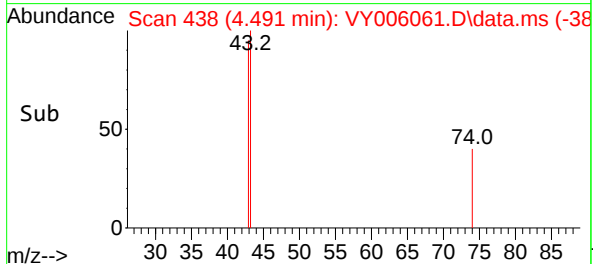
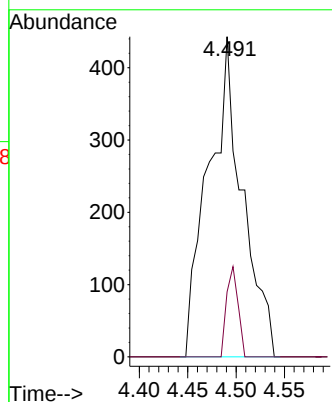
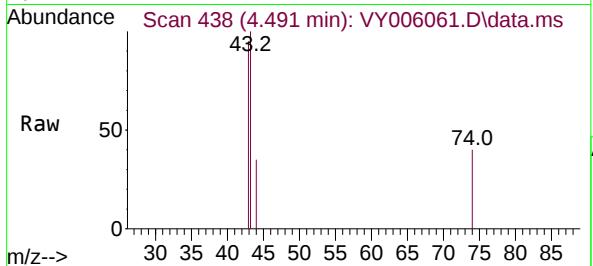




#18
Methyl Acetate
Concen: 1.094 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

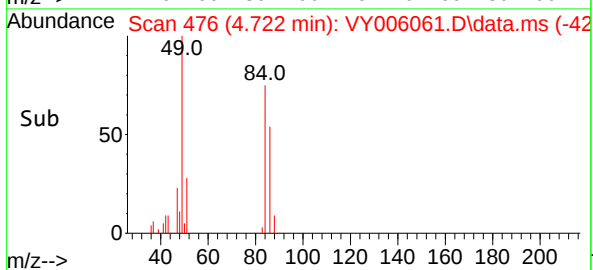
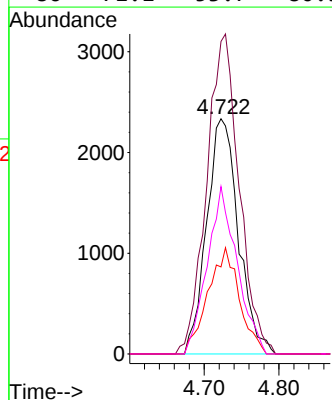
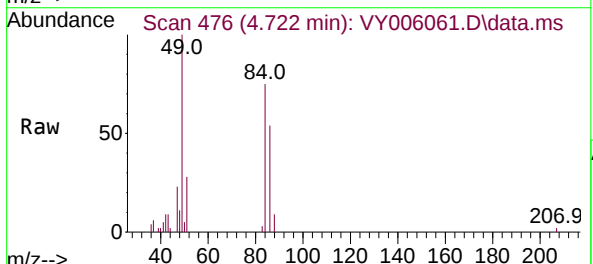
Instrument :
MSVOA_Y
ClientSampleId :
VY0917SBL01

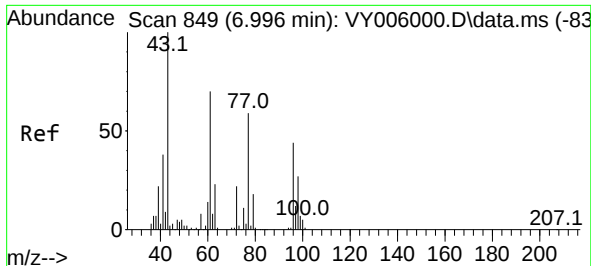
Tgt Ion: 43 Resp: 1081
Ion Ratio Lower Upper
43 100
74 9.4 16.6 24.8#



#20
Methylene Chloride
Concen: 1.090 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

Tgt Ion: 84 Resp: 6896
Ion Ratio Lower Upper
84 100
49 132.8 114.4 171.6
51 37.0 35.3 52.9
86 71.1 53.7 80.5

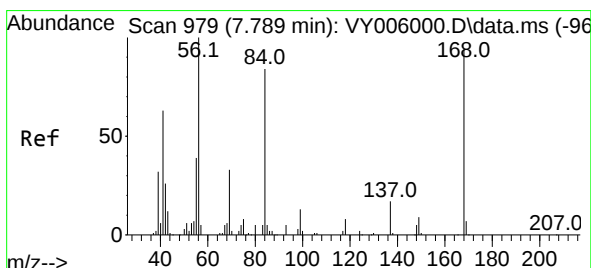
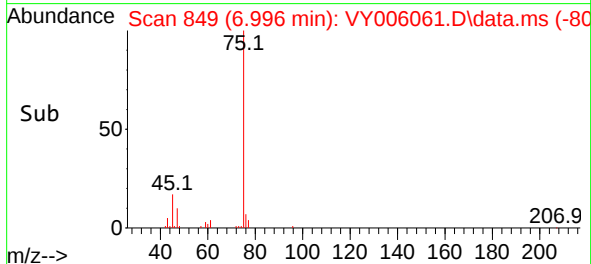
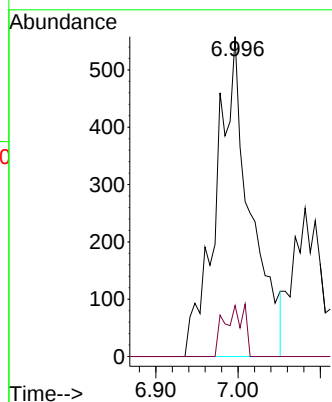
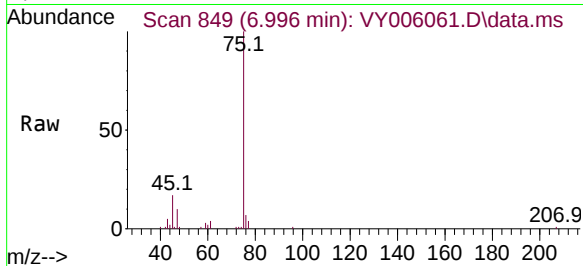




#25
2-Butanone
Concen: 2.968 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

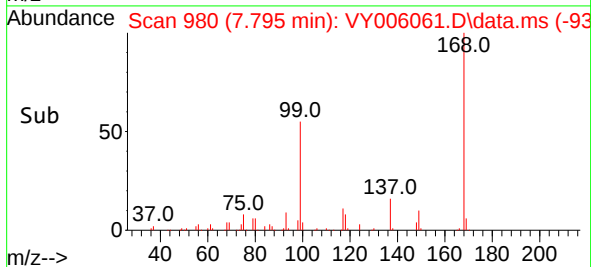
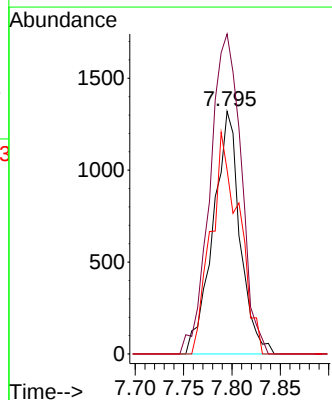
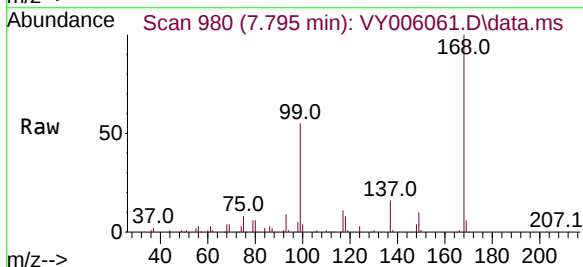
Instrument :
MSVOA_Y
ClientSampleId :
VY0917SBL01

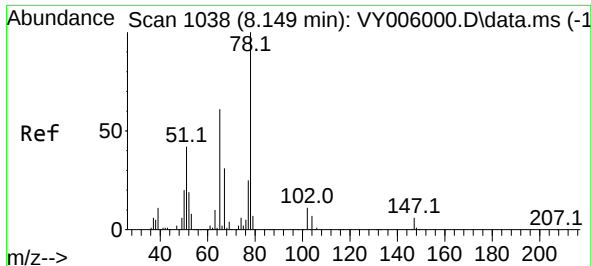
Tgt Ion: 43 Resp: 1604
Ion Ratio Lower Upper
43 100
72 15.9 17.7 26.5#



#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

Tgt Ion: 56 Resp: 2559
Ion Ratio Lower Upper
56 100
69 131.9 26.7 40.1#
84 75.9 67.2 100.8

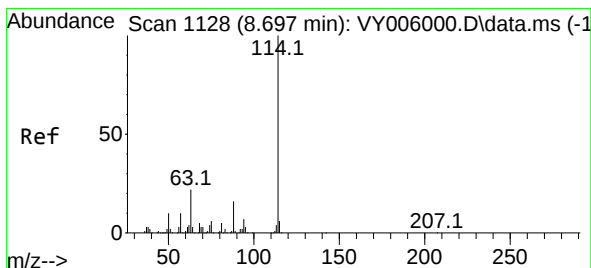
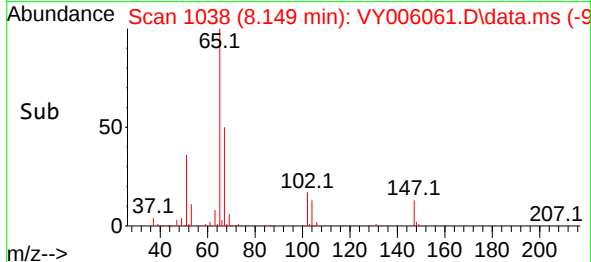
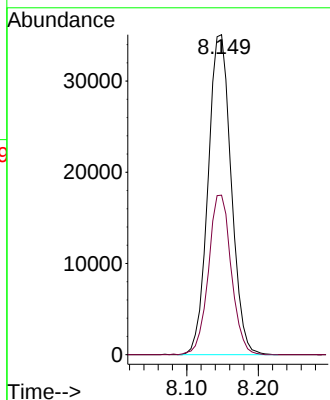
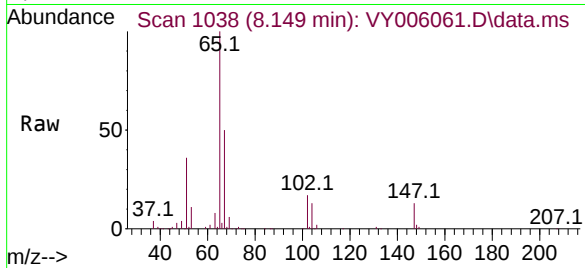




#33
 1,2-Dichloroethane-d4
 Concen: 55.035 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006061.D
 Acq: 17 Sep 2021 11:14

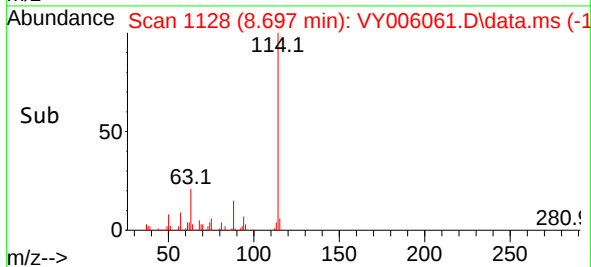
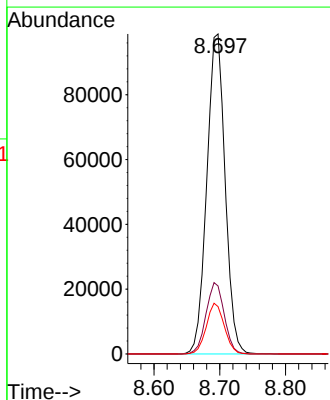
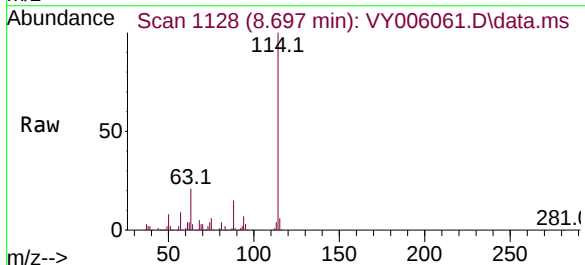
Instrument :
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 ClientSampleId :
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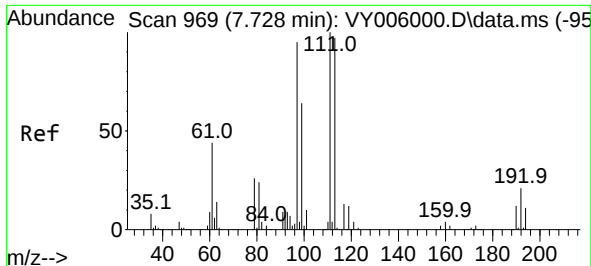
Tgt Ion: 65 Resp: 78677
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006061.D
 Acq: 17 Sep 2021 11:14

Tgt Ion:114 Resp: 191700
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 14.8 0.0 31.8

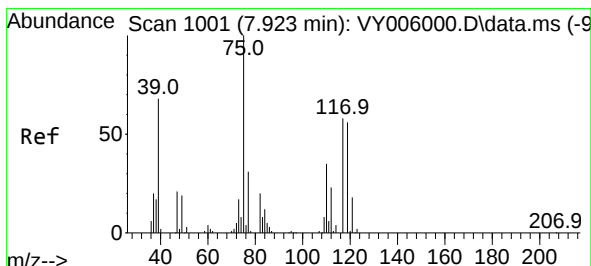
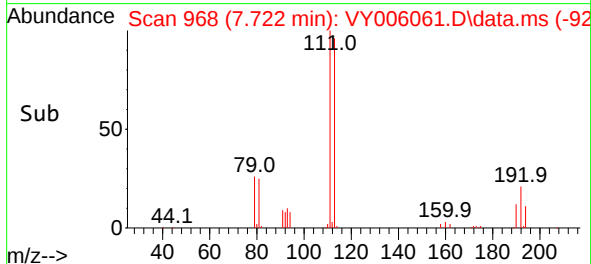
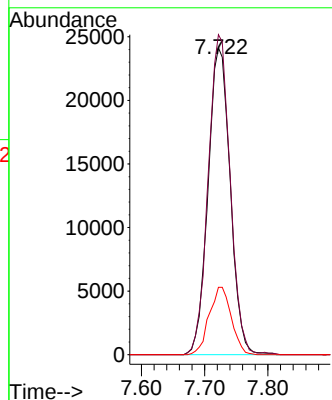
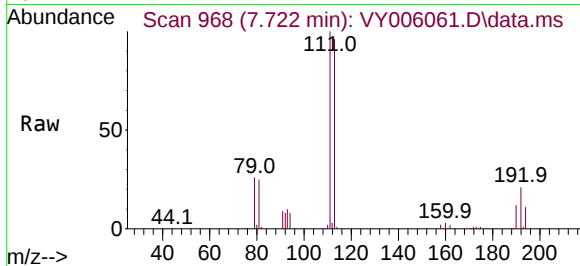




#35
Dibromofluoromethane
Concen: 49.327 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

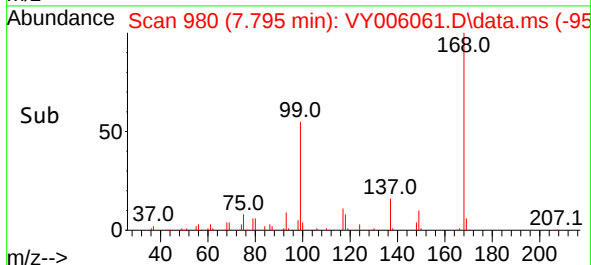
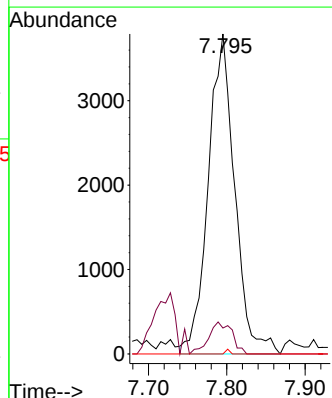
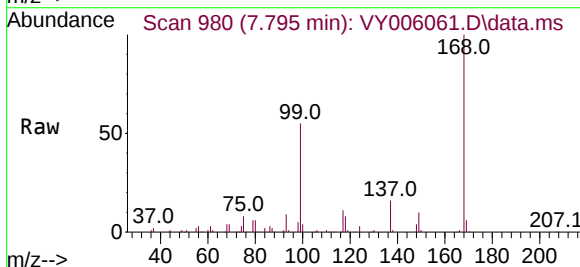
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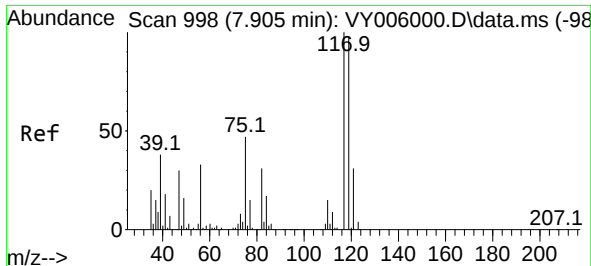
Tgt Ion:113 Resp: 58733
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 21.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.310 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

Tgt Ion: 75 Resp: 8918
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.2 24.4 36.6#

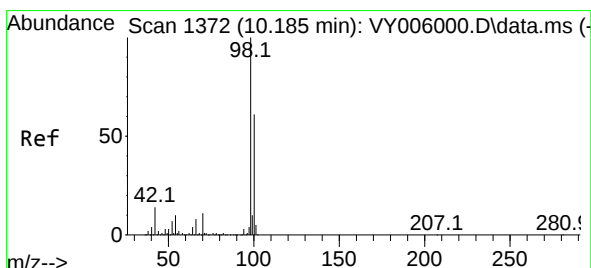
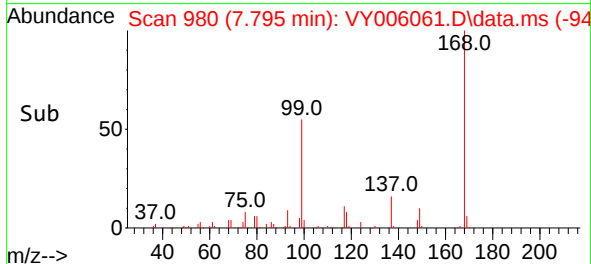
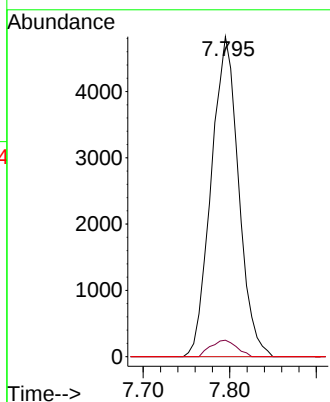
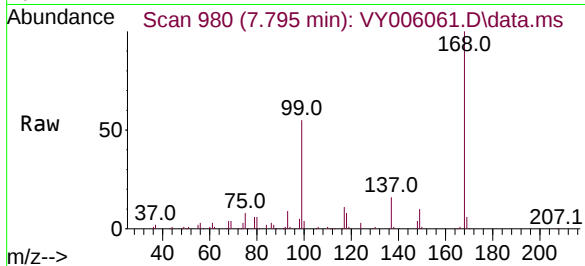




#38
Carbon Tetrachloride
Concen: 4.707 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

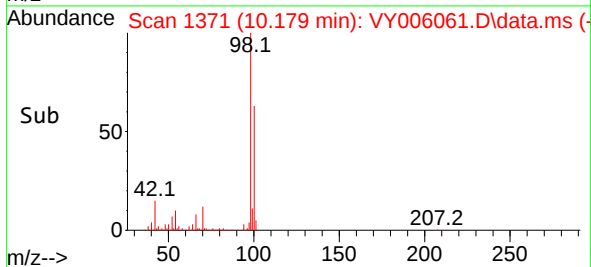
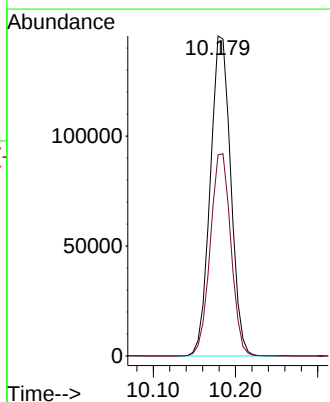
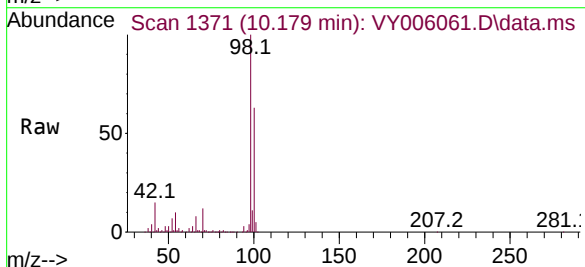
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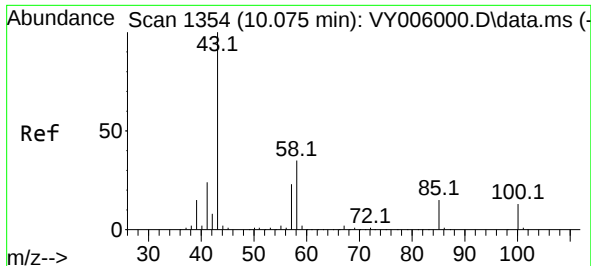
Tgt Ion:117 Resp: 10602
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.632 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

Tgt Ion: 98 Resp: 251868
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

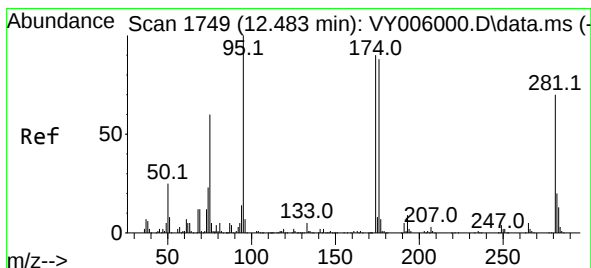
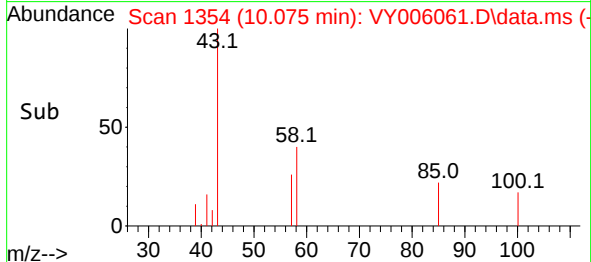
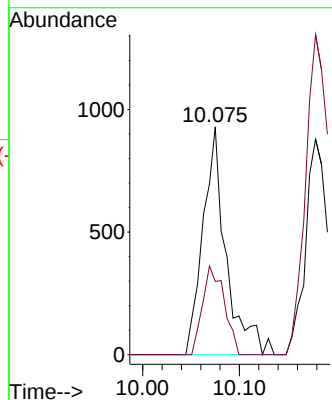
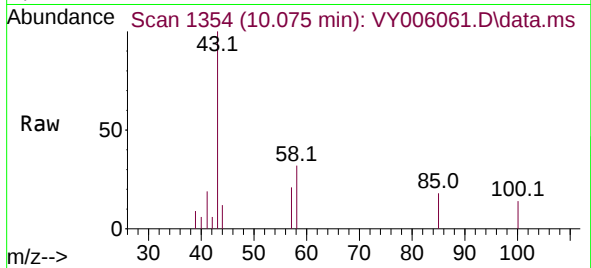




#51
4-Methyl-2-Pentanone
Concen: 1.094 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

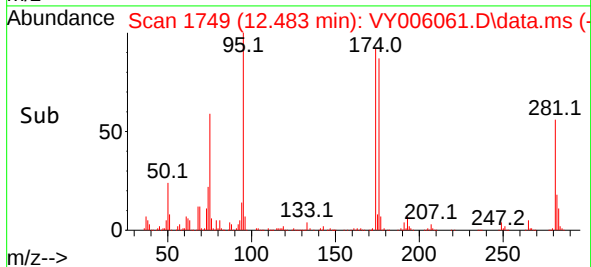
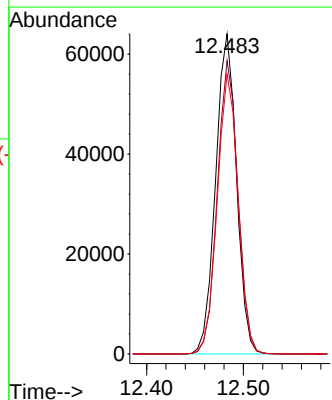
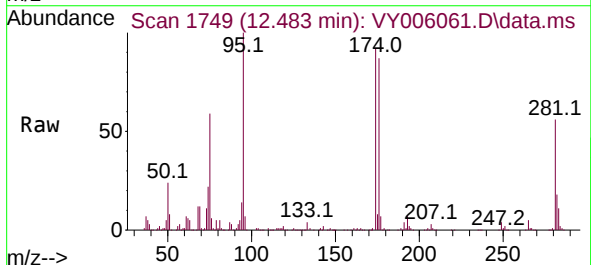
Instrument :
MSVOA_Y
ClientSampleId :
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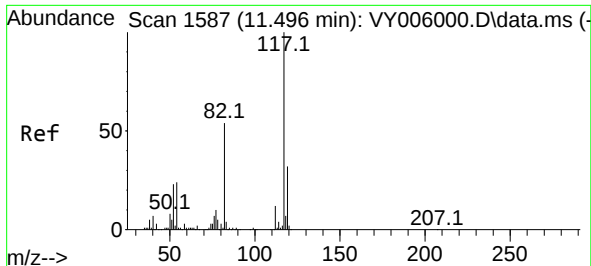
Tgt Ion: 43 Resp: 1553
Ion Ratio Lower Upper
43 100
58 36.3 28.1 42.1



#62
4-Bromofluorobenzene
Concen: 55.729 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

Tgt Ion: 95 Resp: 96019
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 87.6 0.0 175.8

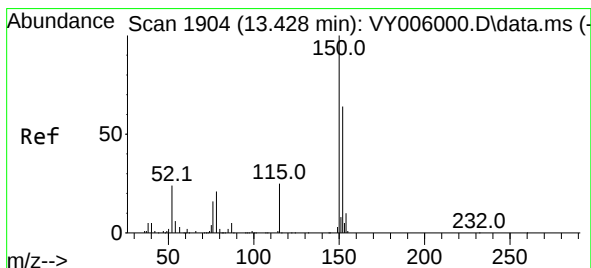
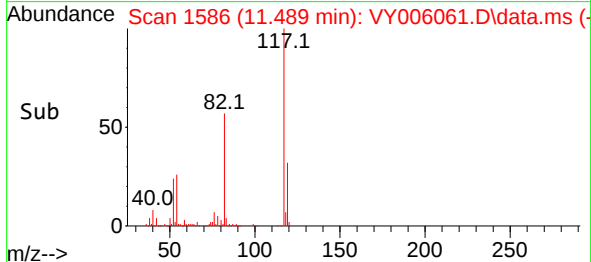
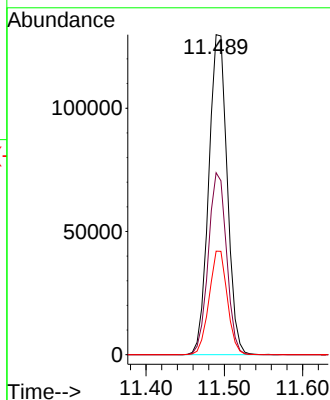
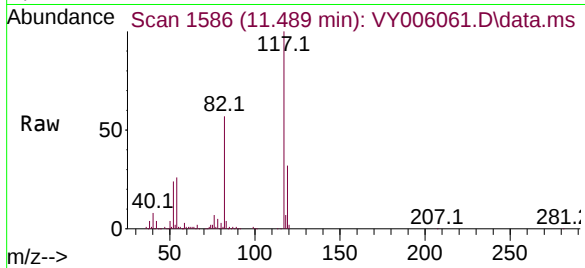




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

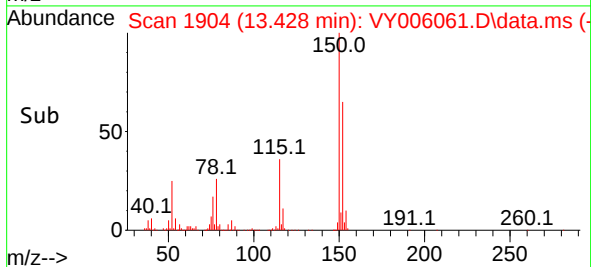
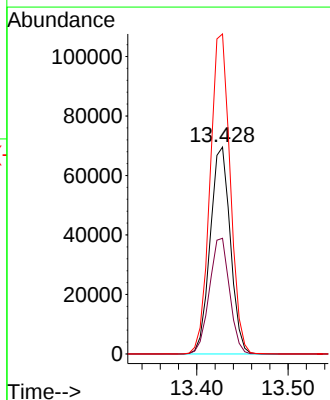
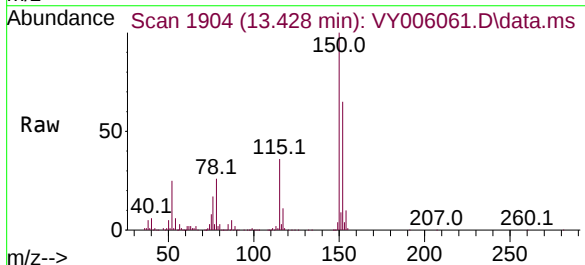
Instrument :
MSVOA_Y
ClientSampleId :
VY0917SBL01

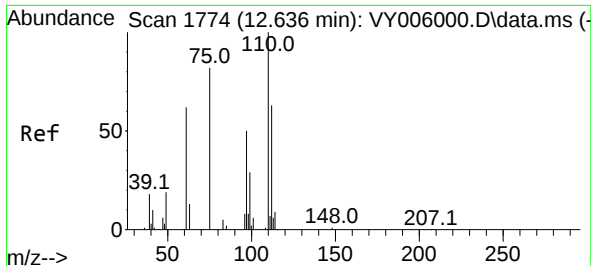
Tgt Ion:	117	Resp:	212235
Ion Ratio	Lower	Upper	
117	100		
82	56.8	43.0	64.4
119	32.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

Tgt Ion:	152	Resp:	106231
Ion Ratio	Lower	Upper	
152	100		
115	56.0	28.2	84.7
150	154.7	0.0	347.6

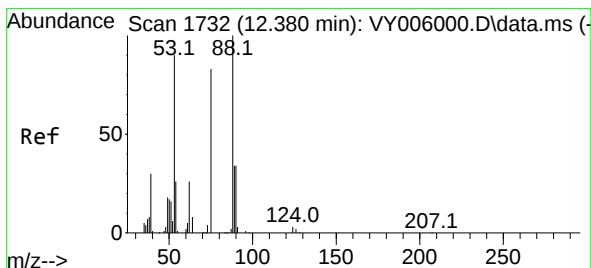
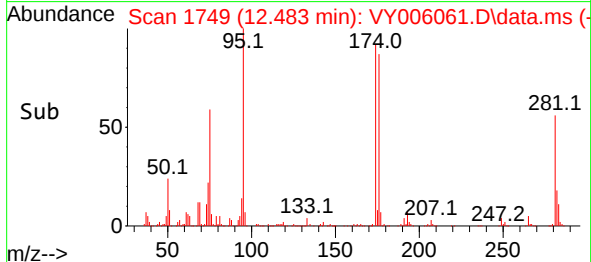
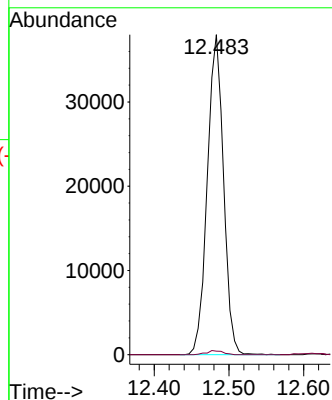
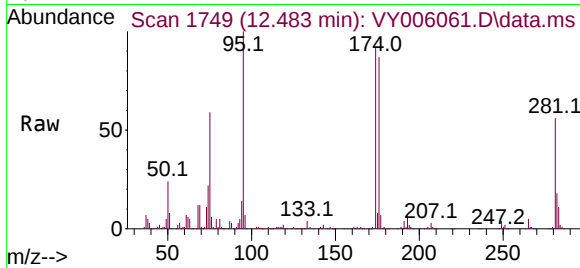




#76
1,2,3-Trichloropropane
Concen: 50.517 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0917SBL01

Tgt Ion: 75 Resp: 57217
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.876 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006061.D
Acq: 17 Sep 2021 11:14

Tgt Ion: 75 Resp: 57217
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.8 37.0 55.4#

