

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006579.D
 Acq On : 02 Nov 2021 16:14
 Operator : SY/MD
 Sample : M4424-08
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T3-EP01-SE

Quant Time: Nov 03 02:01:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

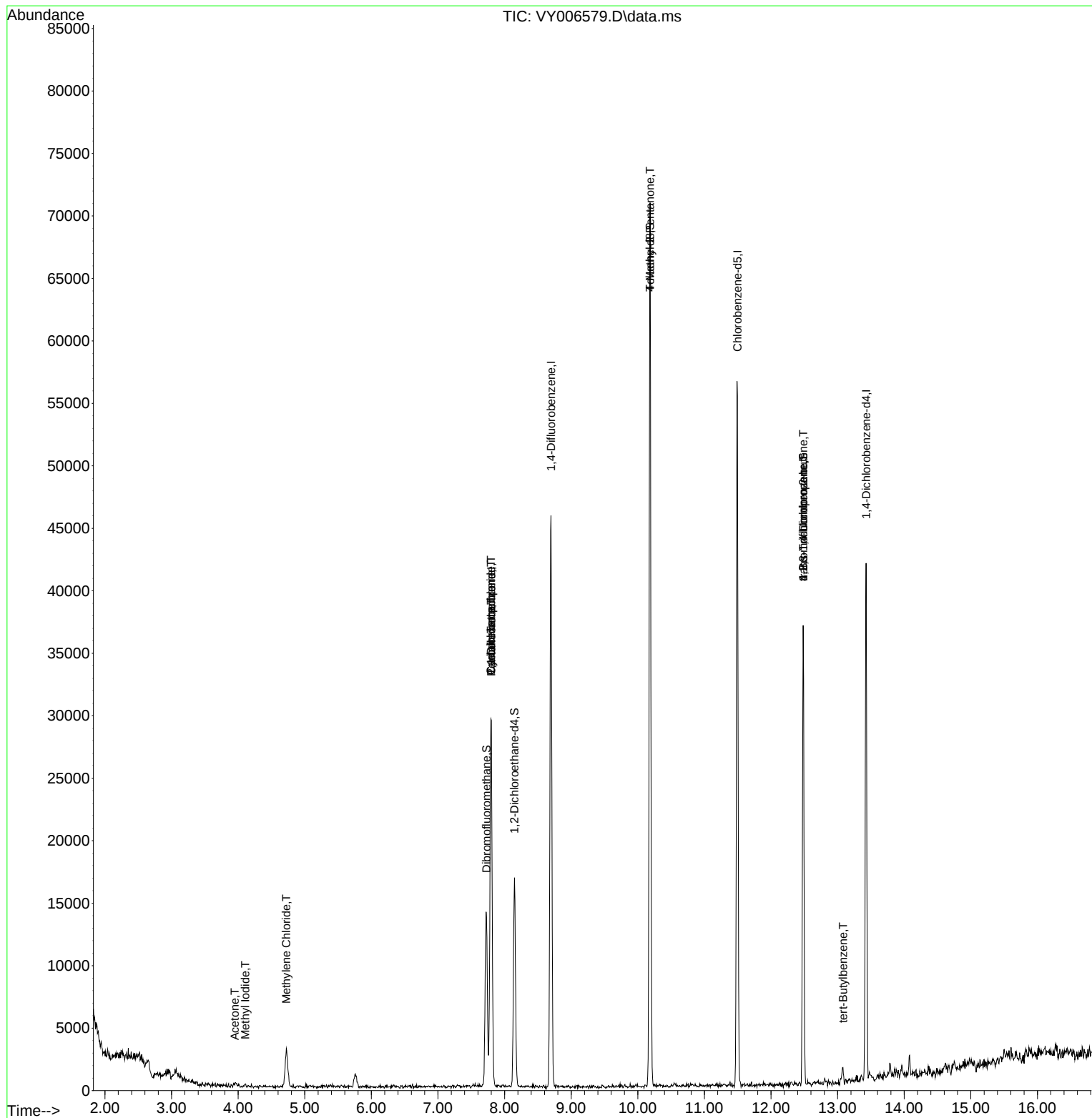
Internal Standards						
1) Pentafluorobenzene	7.801	168	22638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	35286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	27759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	13523	48.543	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.080%
35) Dibromofluoromethane	7.728	113	9852	50.093	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.180%
50) Toluene-d8	10.185	98	43842	52.585	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.180%
62) 4-Bromofluorobenzene	12.483	95	10927	38.907	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.820%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	92	5.431	ug/l #	81
16) Acetone	3.948	43	628	7.829	ug/l	97
20) Methylene Chloride	4.722	84	1972	4.232	ug/l #	88
31) Cyclohexane	7.795	56	627	1.390	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	1855	5.320	ug/l #	43
38) Carbon Tetrachloride	7.795	117	2182	5.673	ug/l #	12
51) 4-Methyl-2-Pentanone	10.185	43	255	1.136	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	6198	62.634	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6198	128.584	ug/l #	7
83) tert-Butylbenzene	13.081	119	723	1.496	ug/l	90

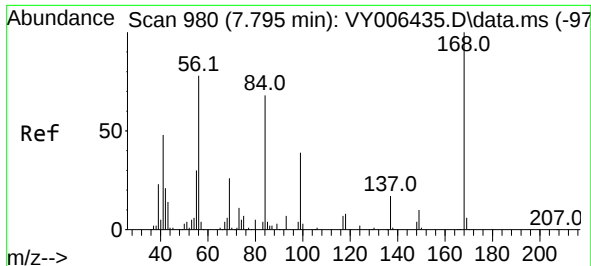
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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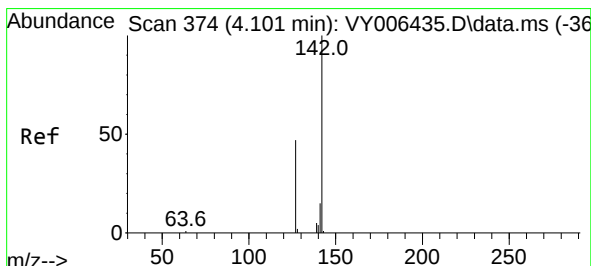
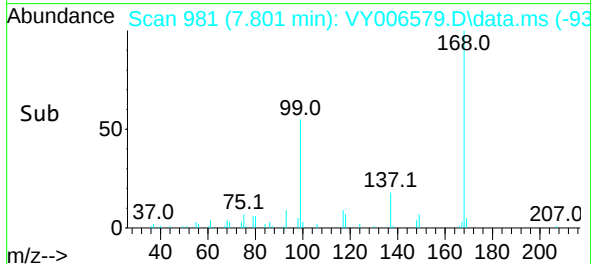
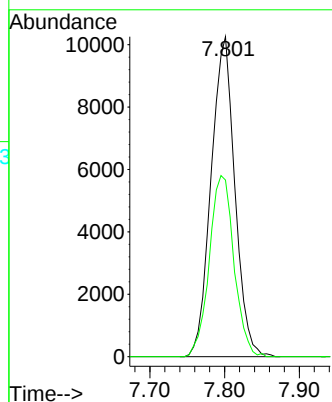
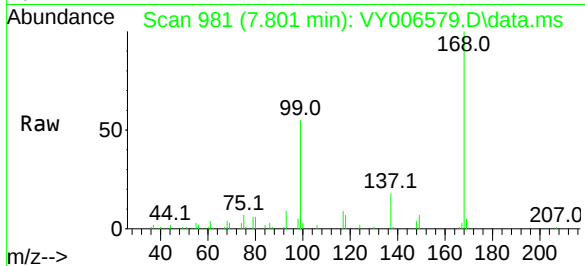




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006579.D
Acq: 02 Nov 2021 16:14

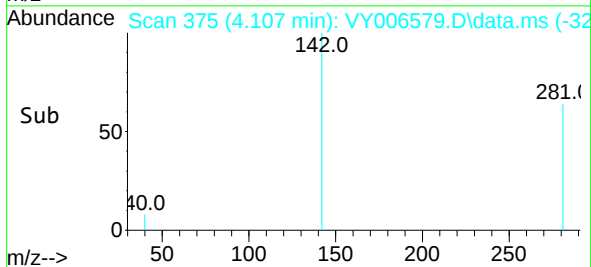
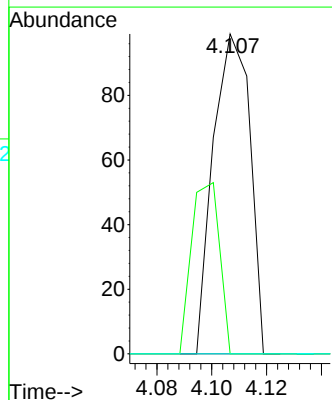
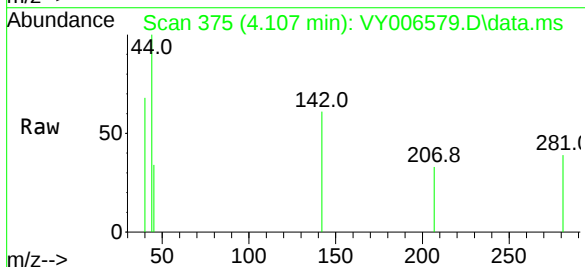
Instrument :
MSVOA_Y
ClientSampleId :
T3-EP01-SE

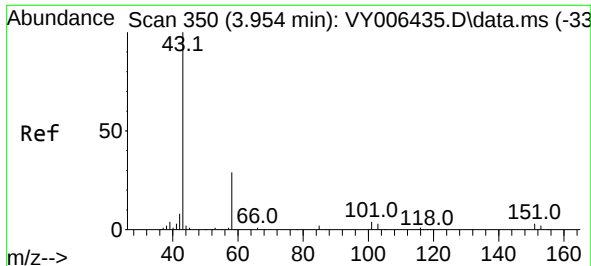
Tgt Ion:168 Resp: 22638
Ion Ratio Lower Upper
168 100
99 55.2 44.8 67.2



#10
Methyl Iodide
Concen: 5.431 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006579.D
Acq: 02 Nov 2021 16:14

Tgt Ion:142 Resp: 92
Ion Ratio Lower Upper
142 100
127 41.3 40.1 60.1
141 0.0 12.5 18.7#

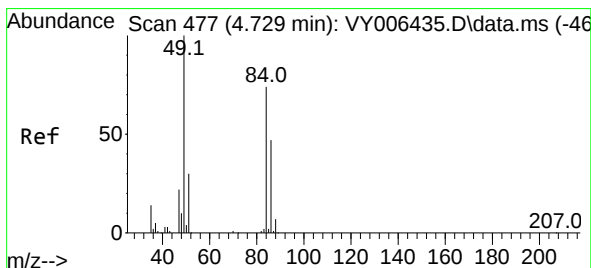
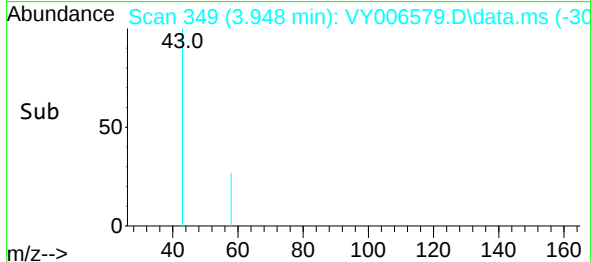
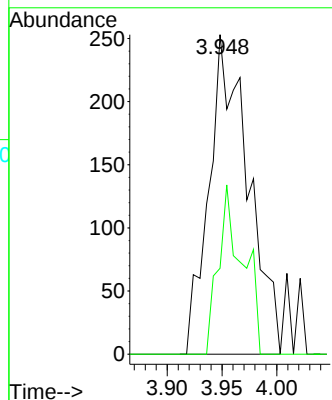
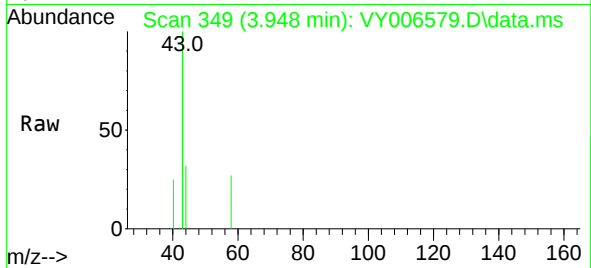




#16
Acetone
Concen: 7.829 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006579.D
Acq: 02 Nov 2021 16:14

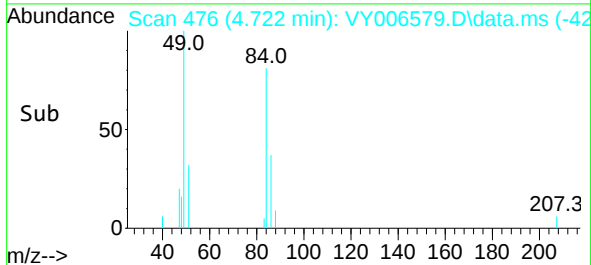
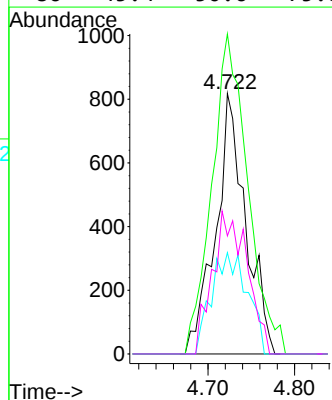
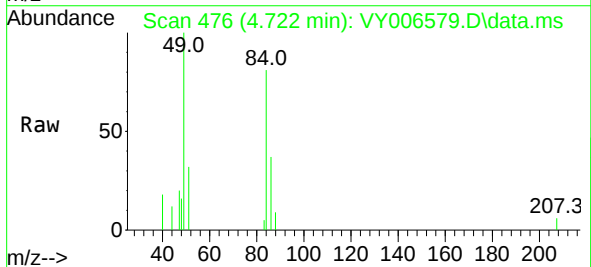
Instrument :
MSVOA_Y
ClientSampleId :
T3-EP01-SE

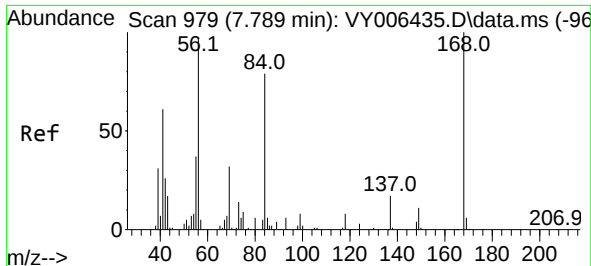
Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
58 26.9 22.9 34.3



#20
Methylene Chloride
Concen: 4.232 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006579.D
Acq: 02 Nov 2021 16:14

Tgt Ion: 84 Resp: 1972
Ion Ratio Lower Upper
84 100
49 122.9 107.8 161.8
51 38.9 32.8 49.2
86 45.4 50.6 75.8

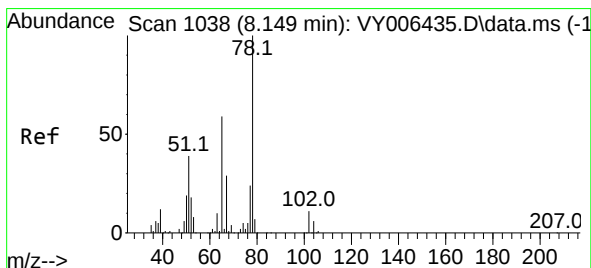
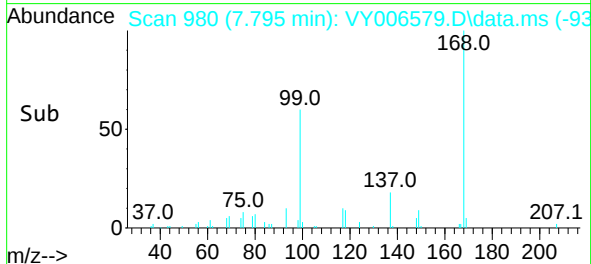
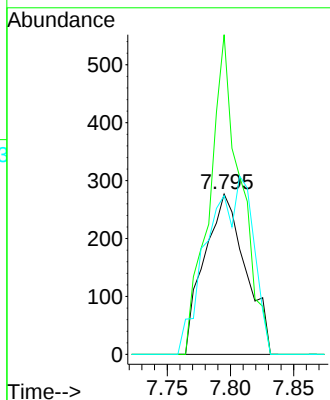
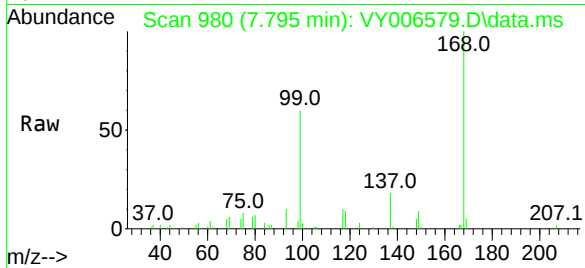




#31
Cyclohexane
Concen: 1.390 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006579.D
Acq: 02 Nov 2021 16:14

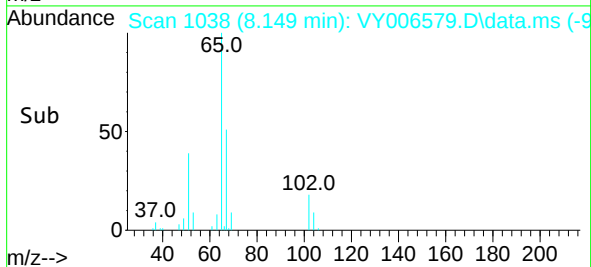
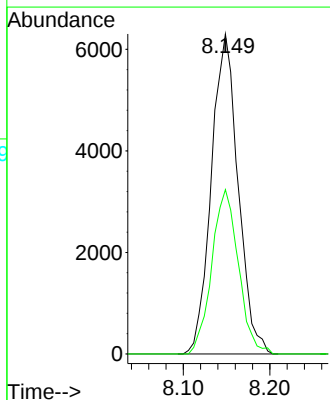
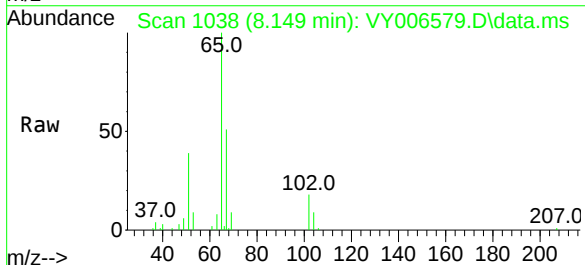
Instrument :
MSVOA_Y
ClientSampleId :
T3-EP01-SE

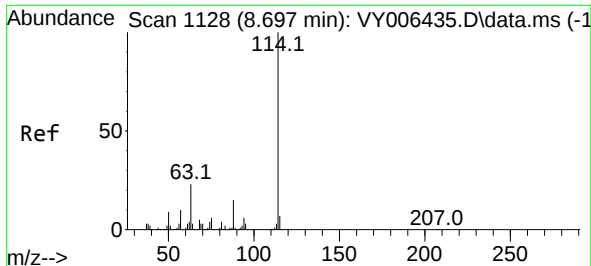
Tgt Ion: 56 Resp: 627
Ion Ratio Lower Upper
56 100
69 199.3 26.6 40.0#
84 98.9 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 48.543 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006579.D
Acq: 02 Nov 2021 16:14

Tgt Ion: 65 Resp: 13523
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.2

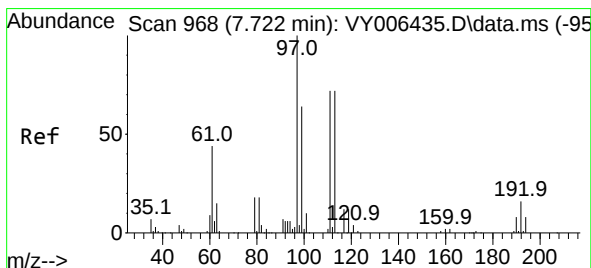
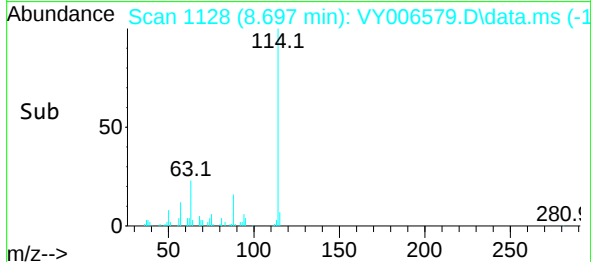
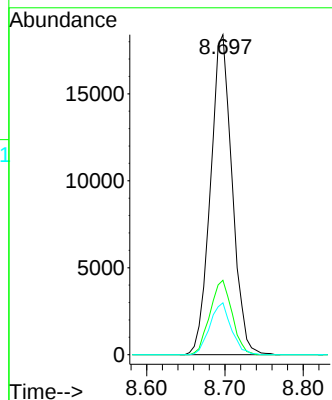
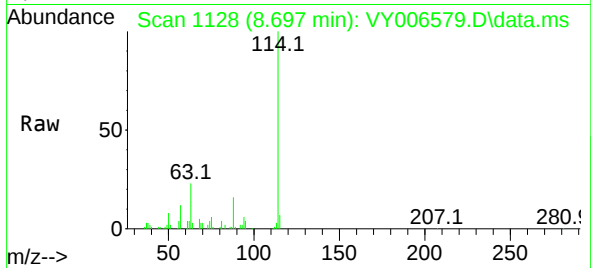




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006579.D
Acq: 02 Nov 2021 16:14

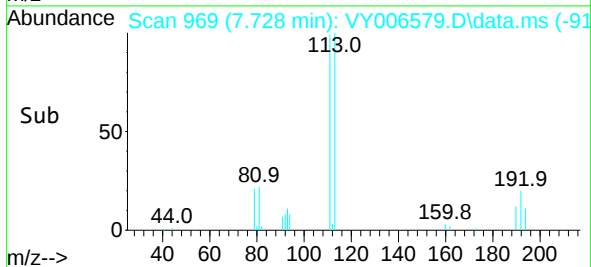
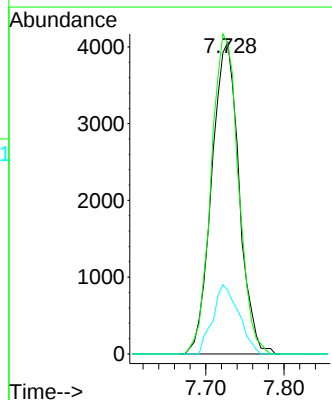
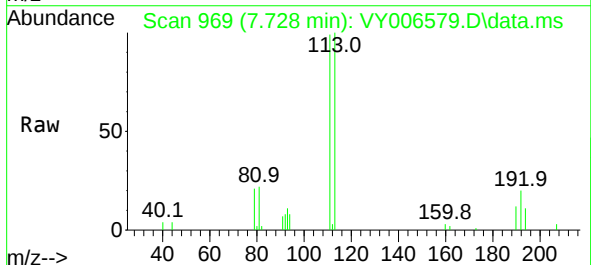
Instrument :
MSVOA_Y
ClientSampleId :
T3-EP01-SE

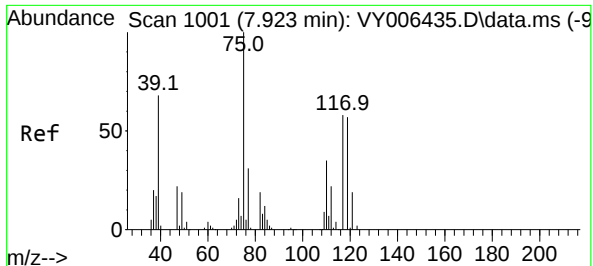
Tgt Ion:114 Resp: 35286
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.093 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006579.D
Acq: 02 Nov 2021 16:14

Tgt Ion:113 Resp: 9852
Ion Ratio Lower Upper
113 100
111 102.3 82.3 123.5
192 21.0 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.320 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY006579.D

Acq: 02 Nov 2021 16:14

Instrument :

MSVOA_Y

ClientSampleId :

T3-EP01-SE

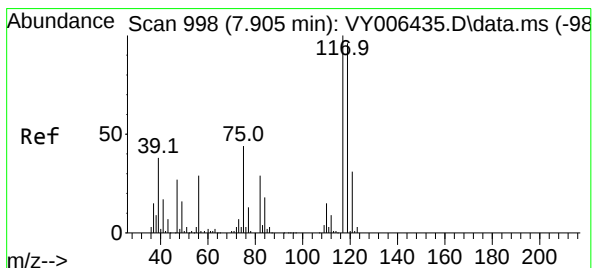
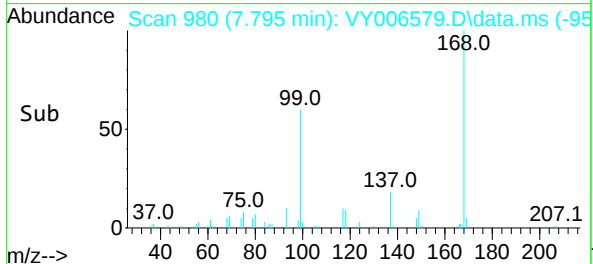
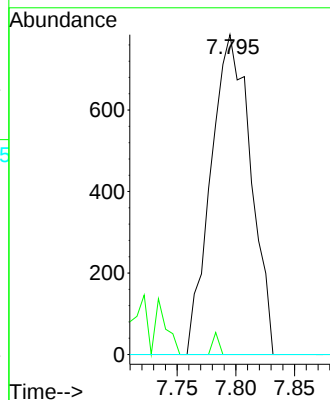
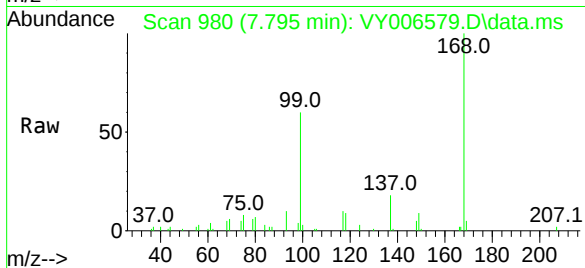
Tgt Ion: 75 Resp: 1855

Ion Ratio Lower Upper

75 100

110 1.1 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.673 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY006579.D

Acq: 02 Nov 2021 16:14

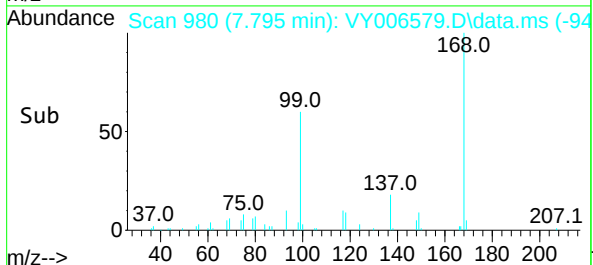
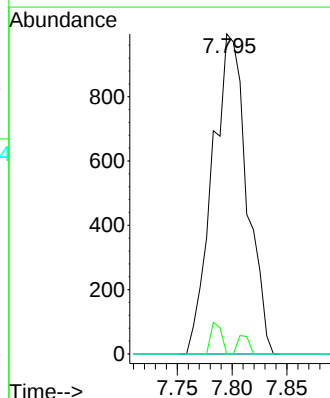
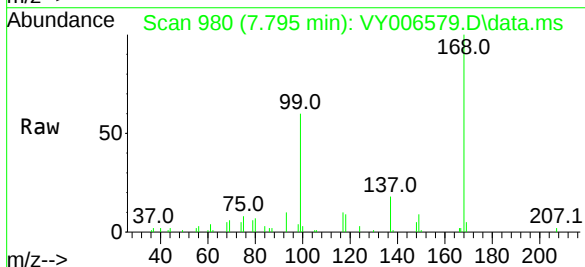
Tgt Ion: 117 Resp: 2182

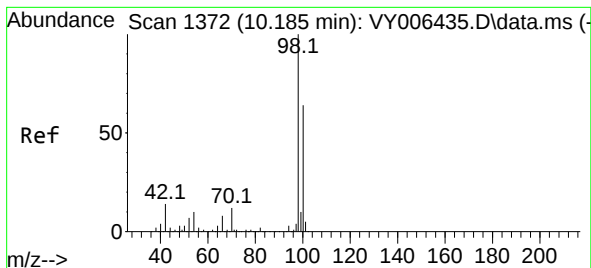
Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 52.585 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY006579.D

Acq: 02 Nov 2021 16:14

Instrument :

MSVOA_Y

ClientSampleId :

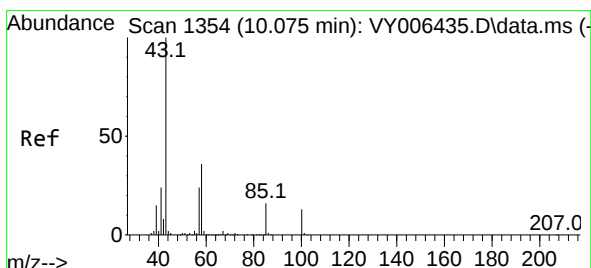
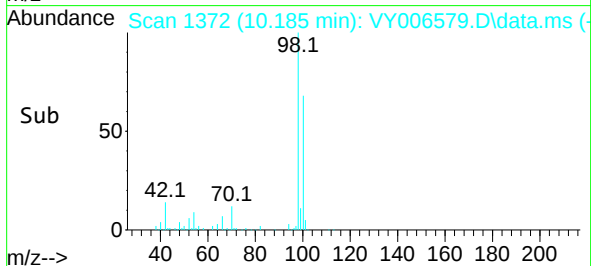
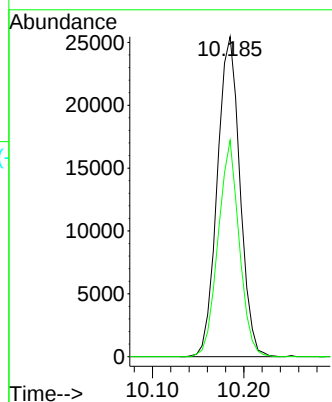
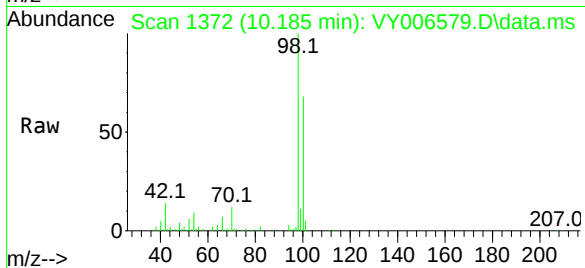
T3-EP01-SE

Tgt Ion: 98 Resp: 43842

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 1.136 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.110 min

Lab File: VY006579.D

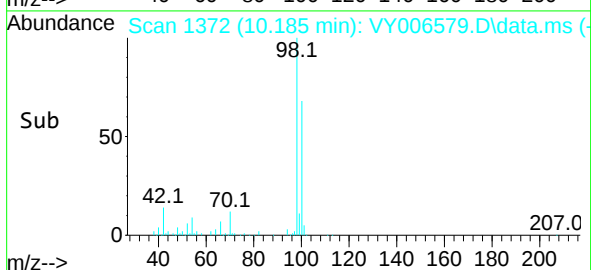
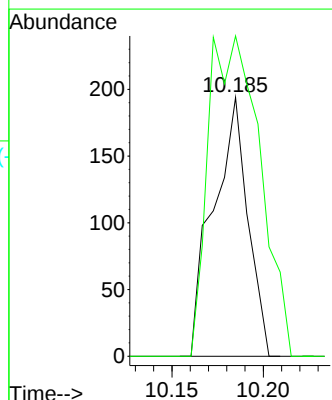
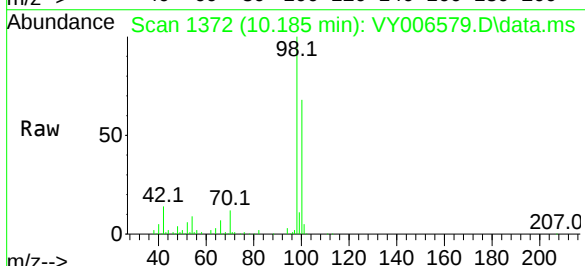
Acq: 02 Nov 2021 16:14

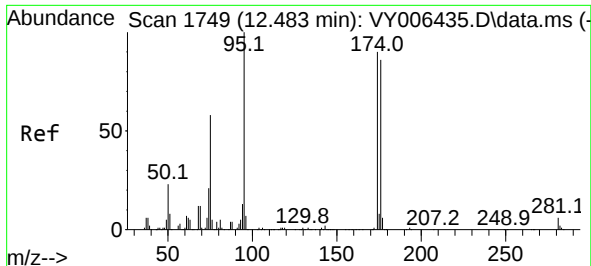
Tgt Ion: 43 Resp: 255

Ion Ratio Lower Upper

43 100

58 185.1 28.7 43.1#

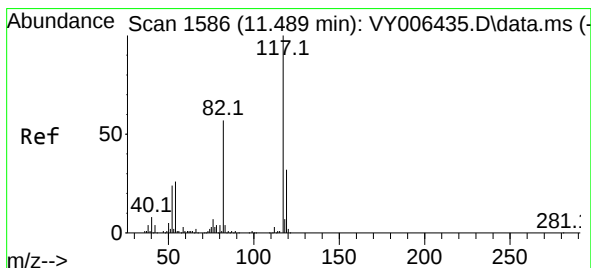
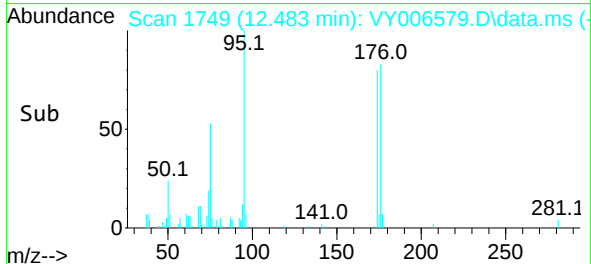
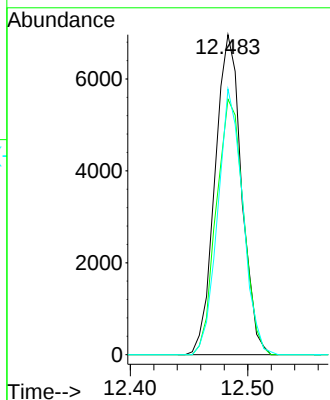
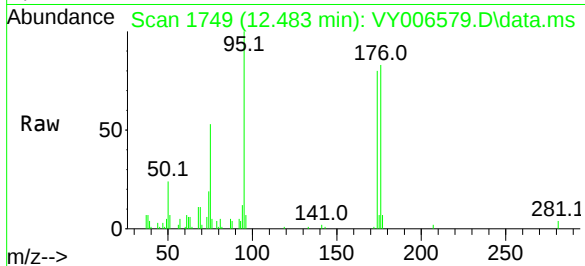




#62
4-Bromofluorobenzene
Concen: 38.907 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006579.D
Acq: 02 Nov 2021 16:14

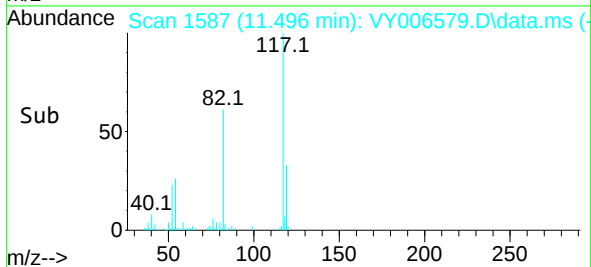
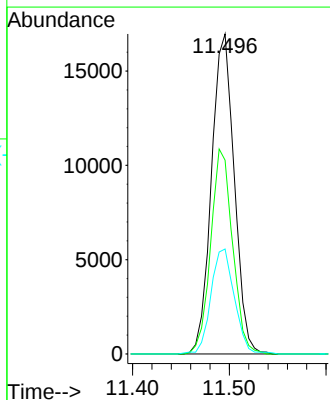
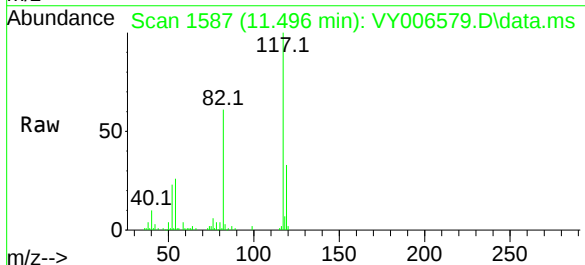
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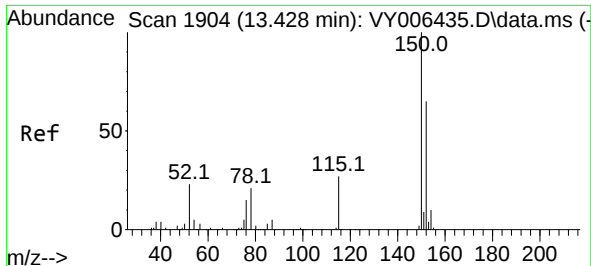
Tgt Ion: 95 Resp: 10927
Ion Ratio Lower Upper
95 100
174 81.9 0.0 177.0
176 78.5 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006579.D
Acq: 02 Nov 2021 16:14

Tgt Ion: 117 Resp: 27759
Ion Ratio Lower Upper
117 100
82 60.5 45.7 68.5
119 32.8 25.5 38.3

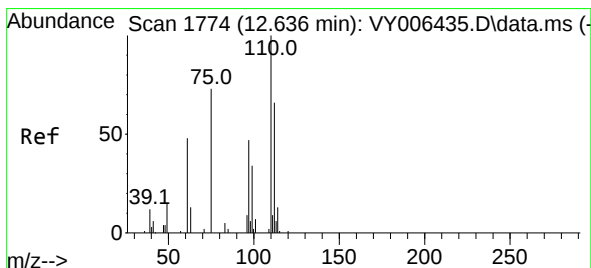
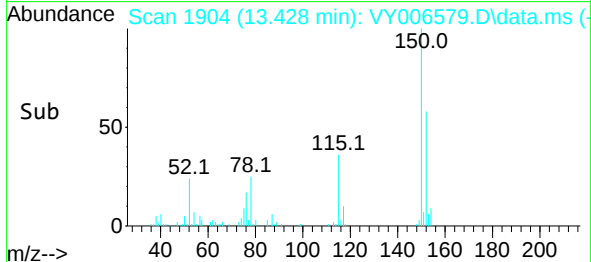
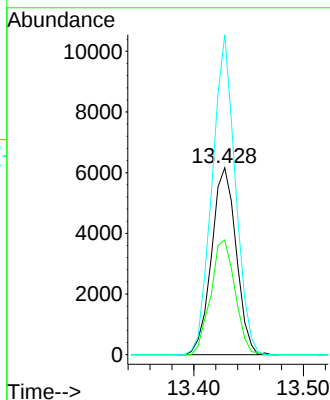
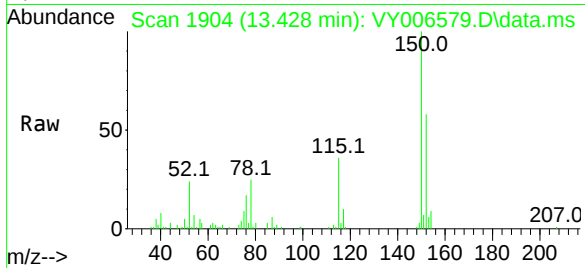




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006579.D
 Acq: 02 Nov 2021 16:14

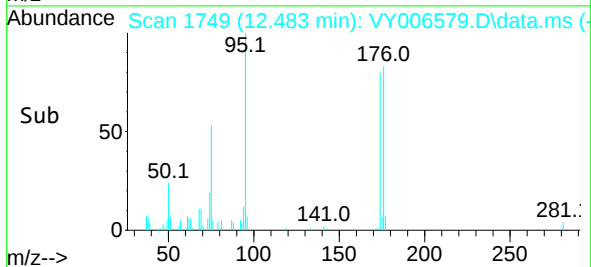
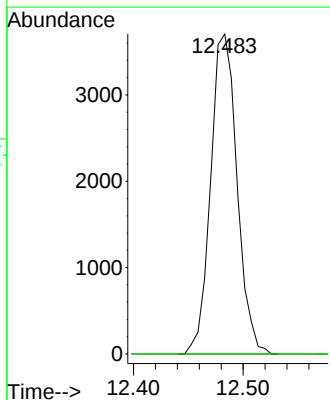
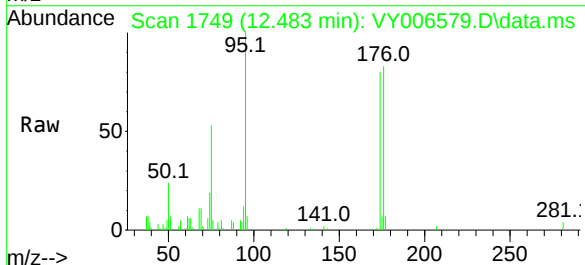
Instrument :
 MSVOA_Y
 ClientSampleId :
 T3-EP01-SE

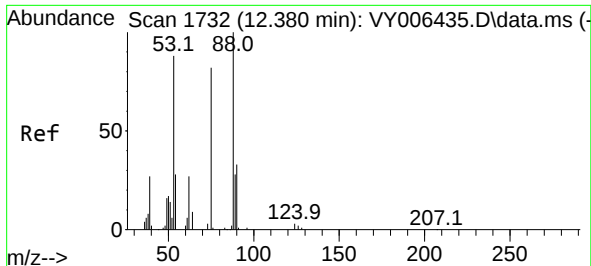
Tgt Ion:152 Resp: 9603
 Ion Ratio Lower Upper
 152 100
 115 60.6 28.5 85.5
 150 161.6 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 62.634 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006579.D
 Acq: 02 Nov 2021 16:14

Tgt Ion: 75 Resp: 6198
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

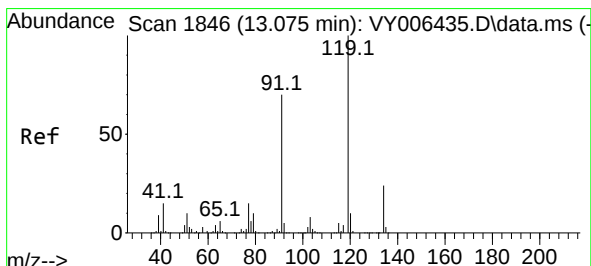
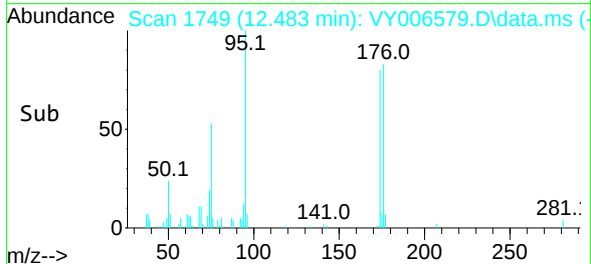
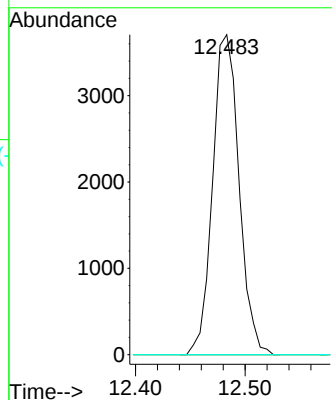
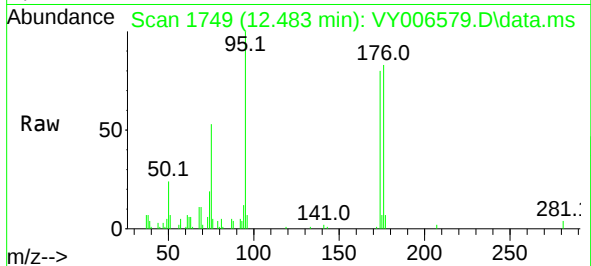




#81
trans-1,4-Dichloro-2-butene
Concen: 128.584 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006579.D
Acq: 02 Nov 2021 16:14

Instrument :
MSVOA_Y
ClientSampleId :
T3-EP01-SE

Tgt Ion: 75 Resp: 6198
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#



#83
tert-Butylbenzene
Concen: 1.496 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY006579.D
Acq: 02 Nov 2021 16:14

Tgt Ion: 119 Resp: 723
Ion Ratio Lower Upper
119 100
91 64.6 34.8 104.5
134 16.0 13.0 38.9

