

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006695.D
 Acq On : 08 Nov 2021 21:03
 Operator : SY/MD
 Sample : M4523-05
 Misc : 4.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 13:09:19 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)

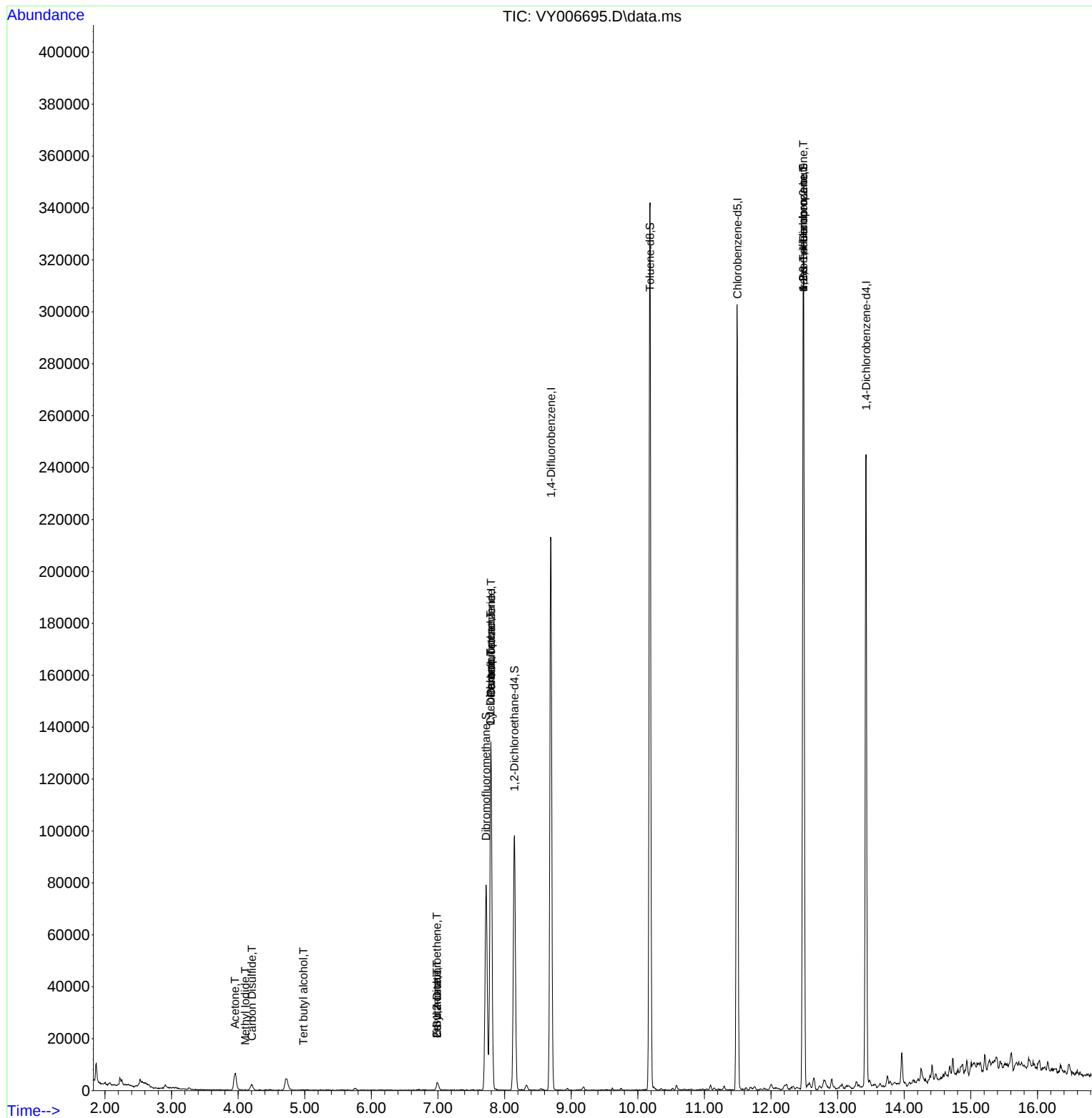
Internal Standards						
1) Pentafluorobenzene	7.795	168	98719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	169871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	152572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78855	64.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.820%	
35) Dibromofluoromethane	7.722	113	51796	54.706	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.420%	
50) Toluene-d8	10.185	98	214794	53.515	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.040%	
62) 4-Bromofluorobenzene	12.483	95	63975	47.317	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.640%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	101	5.153	ug/l #	91
11) Tert butyl alcohol	4.978	59	358	3.244	ug/l #	72
16) Acetone	3.954	43	11802	33.740	ug/l	99
17) Carbon Disulfide	4.204	76	4291	1.468	ug/l #	95
20) Methylene Chloride	4.734	84	3087	Below Cal		95
25) 2-Butanone	6.984	43	1879	4.100	ug/l #	78
27) cis-1,2-Dichloroethene	6.984	96	1181	1.024	ug/l	97
31) Cyclohexane	7.789	56	2777	1.412	ug/l #	51
36) 1,1-Dichloropropene	7.789	75	8187	4.878	ug/l #	51
37) Ethyl Acetate	6.984	43	1879	1.769	ug/l #	1
38) Carbon Tetrachloride	7.795	117	9755	5.268	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	36158	54.651	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36158	112.197	ug/l #	7

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

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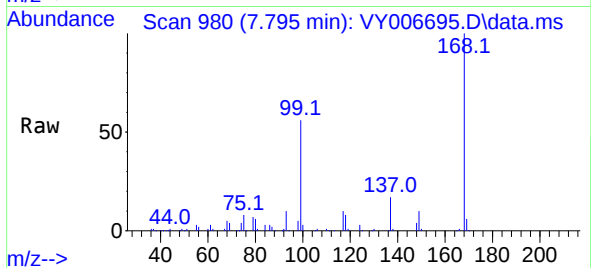
Quant Time: Nov 09 13:09:19 2021
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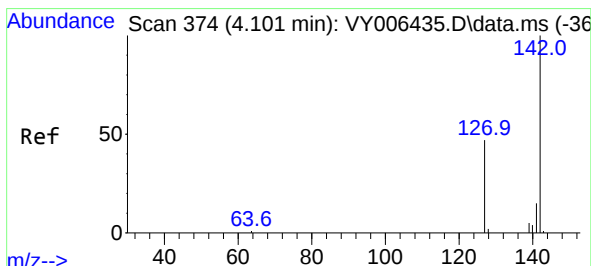
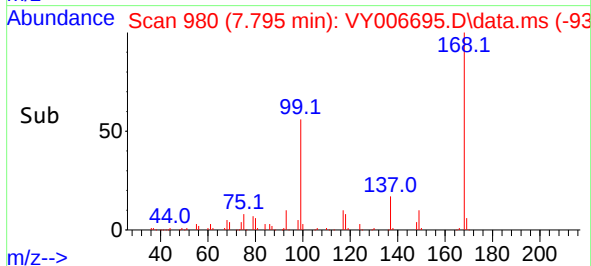
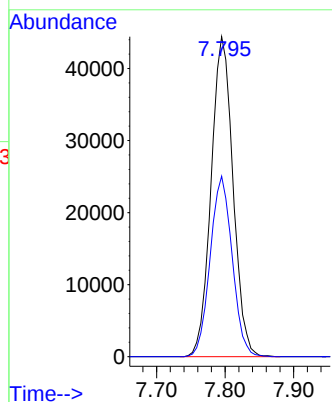


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006695.D
Acq: 08 Nov 2021 21:03

Instrument :
MSVOA_Y
ClientSampleId :

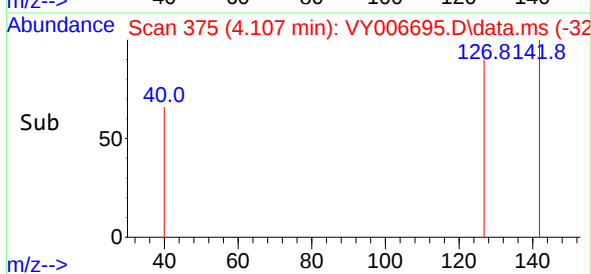
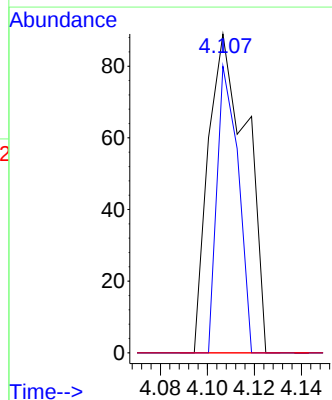
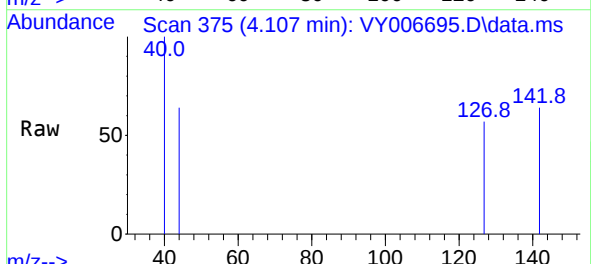


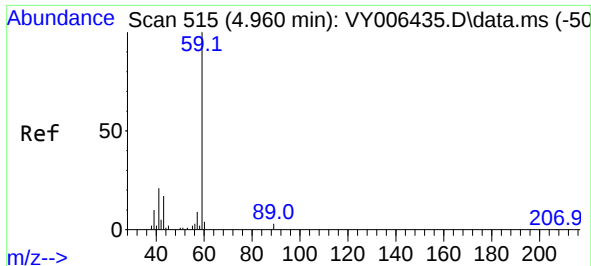
Tgt Ion:168 Resp: 98719
Ion Ratio Lower Upper
168 100
99 56.4 44.8 67.2



#10
Methyl Iodide
Concen: 5.153 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006695.D
Acq: 08 Nov 2021 21:03

Tgt Ion:142 Resp: 101
Ion Ratio Lower Upper
142 100
127 49.5 40.1 60.1
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 3.244 ug/l

RT: 4.978 min Scan# 515

Delta R.T. 0.018 min

Lab File: VY006695.D

Acq: 08 Nov 2021 21:03

Instrument :

MSVOA_Y

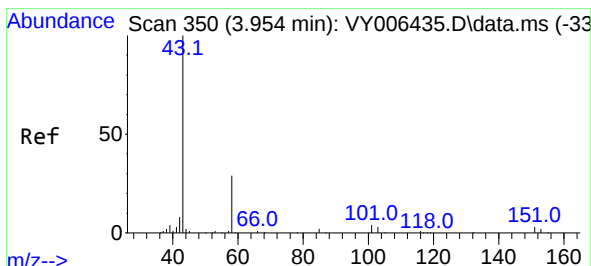
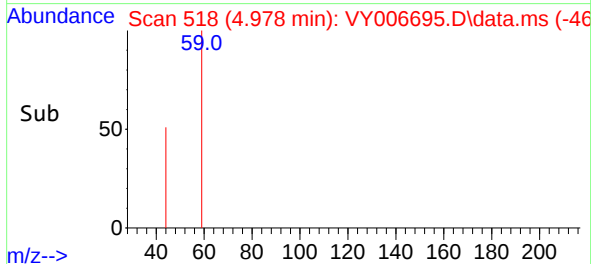
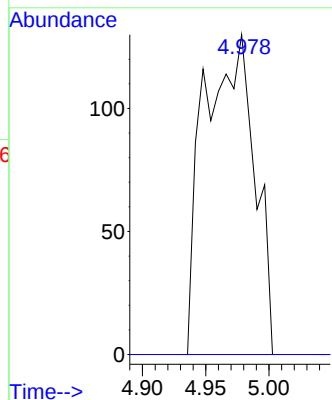
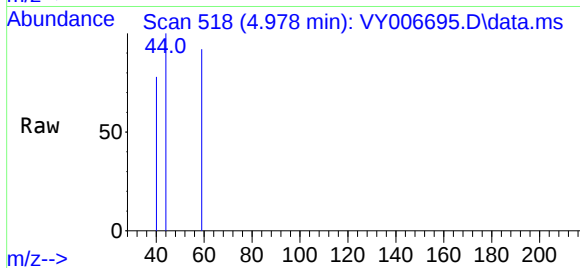
ClientSampleId :

Tgt Ion: 59 Resp: 358

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 33.740 ug/l

RT: 3.954 min Scan# 350

Delta R.T. -0.000 min

Lab File: VY006695.D

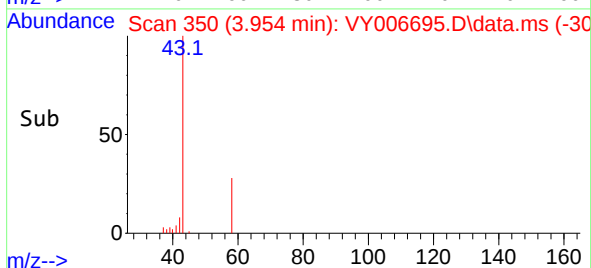
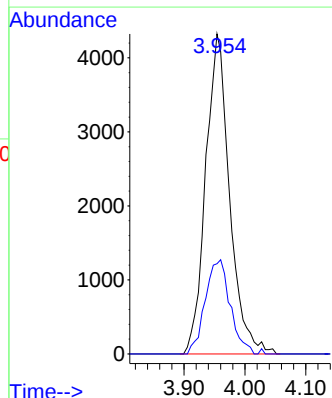
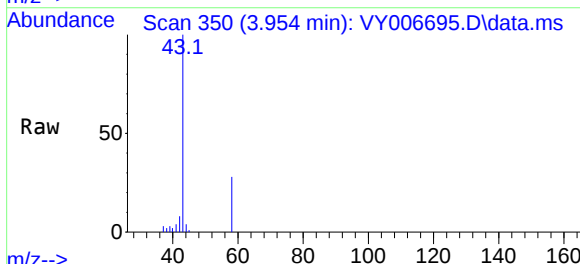
Acq: 08 Nov 2021 21:03

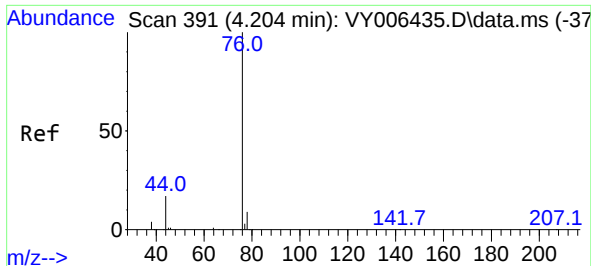
Tgt Ion: 43 Resp: 11802

Ion Ratio Lower Upper

43 100

58 28.2 22.9 34.3

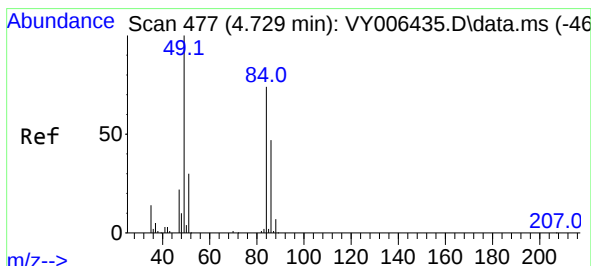
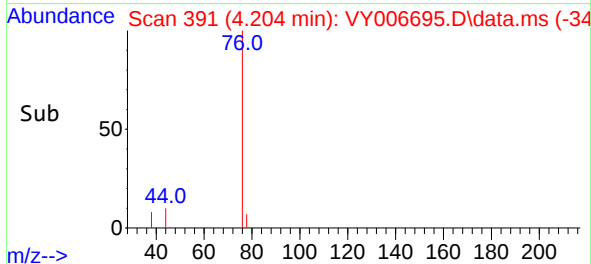
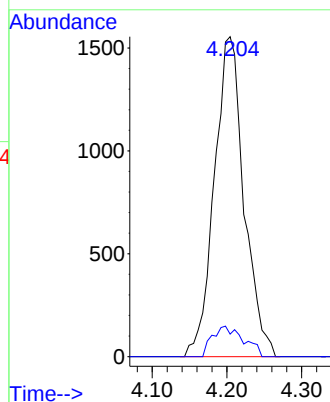
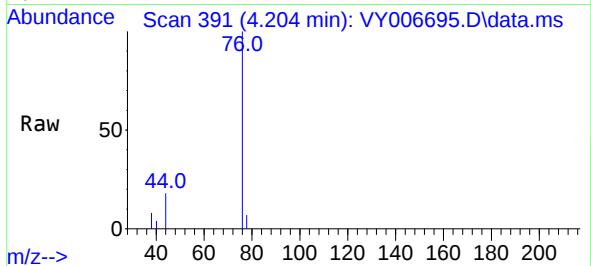




#17
Carbon Disulfide
Concen: 1.468 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY006695.D
Acq: 08 Nov 2021 21:03

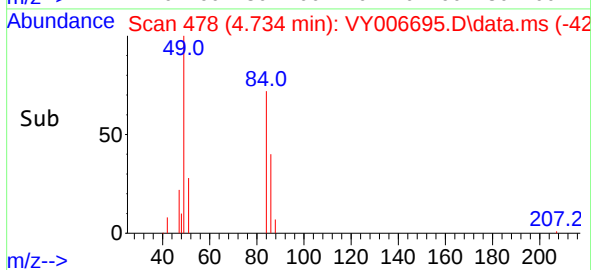
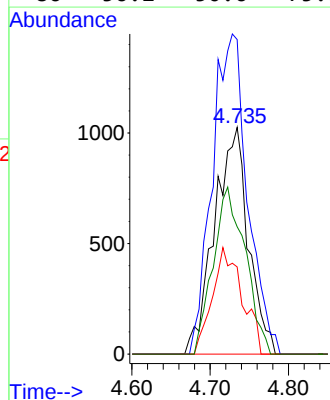
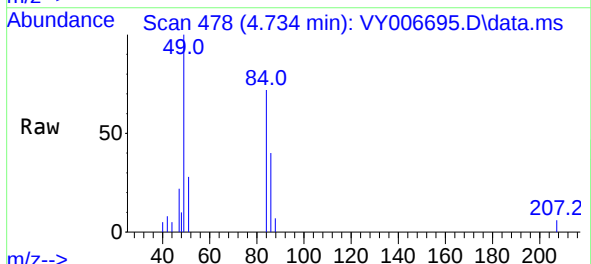
Instrument :
MSVOA_Y
ClientSampleId :

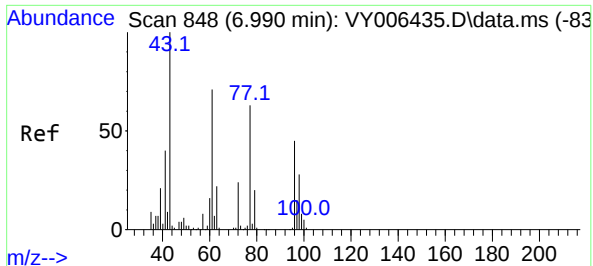
Tgt Ion: 76 Resp: 4291
Ion Ratio Lower Upper
76 100
78 7.0 7.1 10.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY006695.D
Acq: 08 Nov 2021 21:03

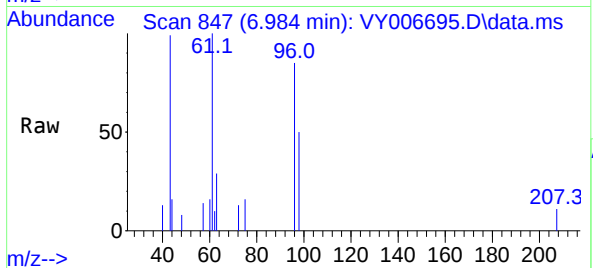
Tgt Ion: 84 Resp: 3087
Ion Ratio Lower Upper
84 100
49 138.8 107.8 161.8
51 38.4 32.8 49.2
86 56.2 50.6 75.8



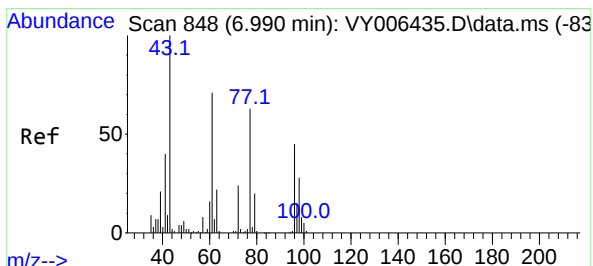
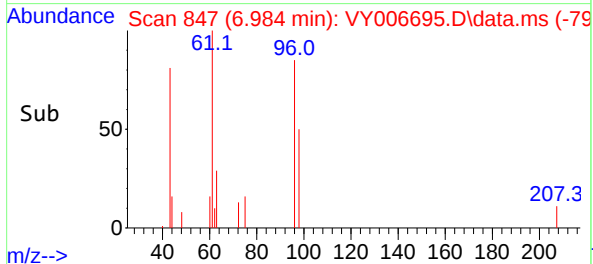
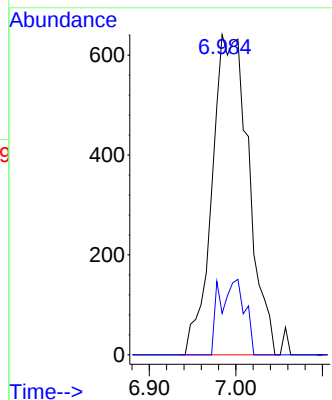


#25
2-Butanone
Concen: 4.100 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY006695.D
Acq: 08 Nov 2021 21:03

Instrument :
MSVOA_Y
ClientSampleId :

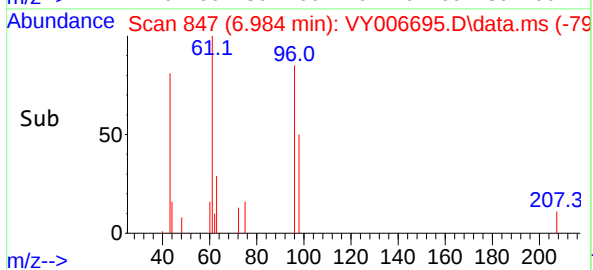
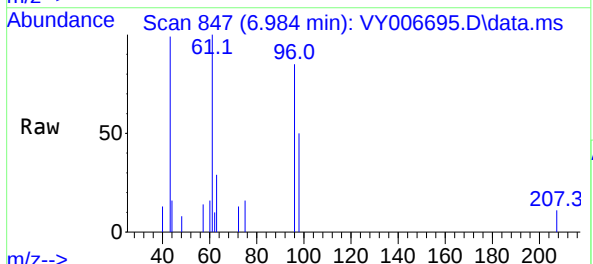
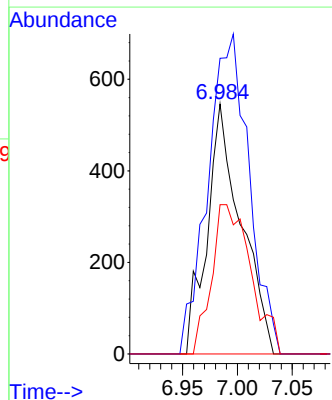


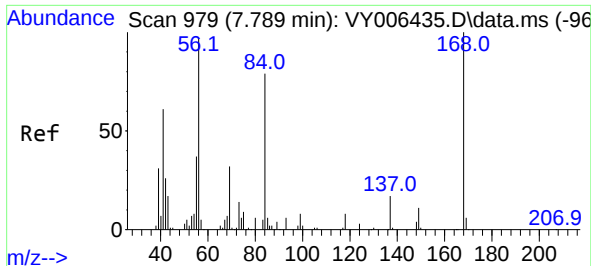
Tgt Ion: 43 Resp: 1879
Ion Ratio Lower Upper
43 100
72 12.9 18.9 28.3#



#27
cis-1,2-Dichloroethene
Concen: 1.024 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY006695.D
Acq: 08 Nov 2021 21:03

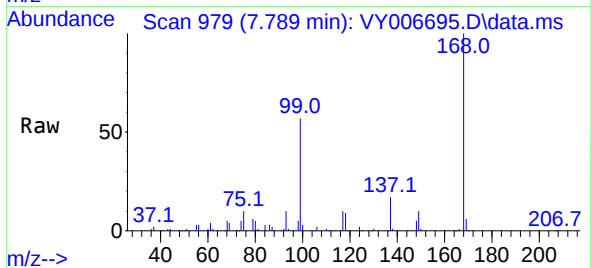
Tgt Ion: 96 Resp: 1181
Ion Ratio Lower Upper
96 100
61 154.1 0.0 314.0
98 68.5 0.0 127.8



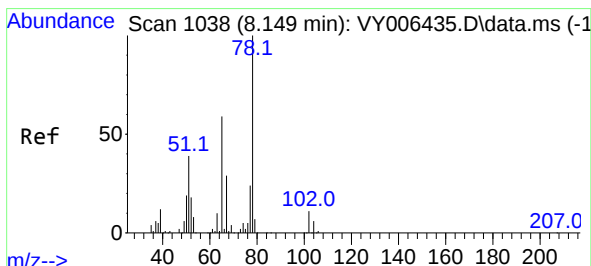
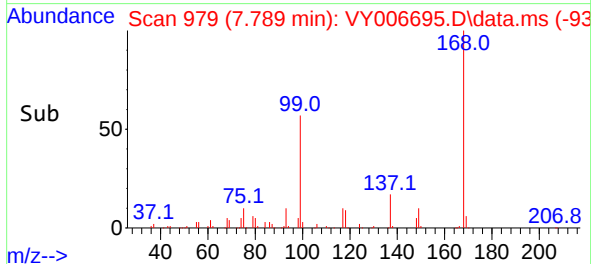
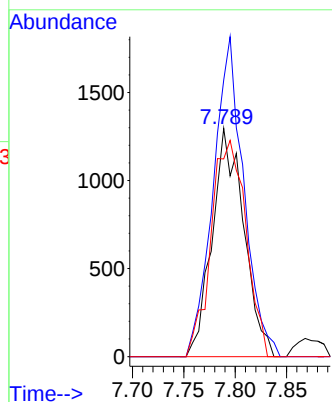


#31
Cyclohexane
Concen: 1.412 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006695.D
Acq: 08 Nov 2021 21:03

Instrument :
MSVOA_Y
ClientSampleId :

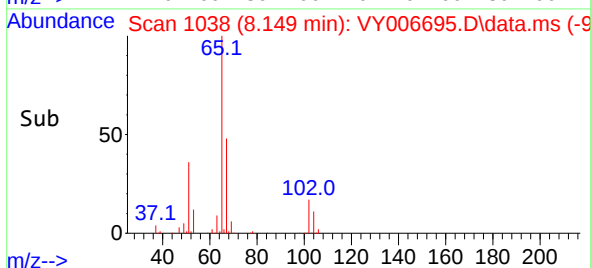
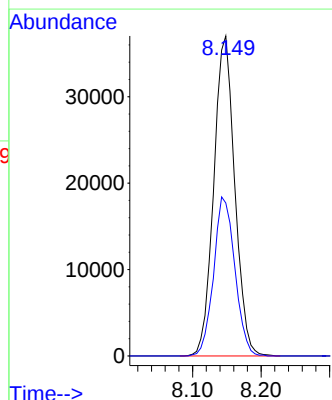
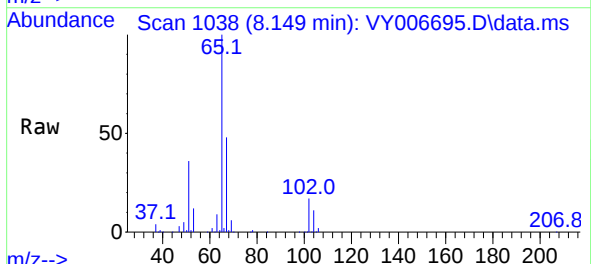


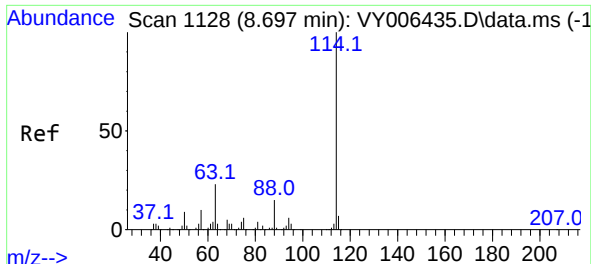
Tgt Ion: 56 Resp: 2777
Ion Ratio Lower Upper
56 100
69 121.2 26.6 40.0#
84 86.7 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 64.912 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006695.D
Acq: 08 Nov 2021 21:03

Tgt Ion: 65 Resp: 78855
Ion Ratio Lower Upper
65 100
67 50.2 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: VY006695.D

Acq: 08 Nov 2021 21:03

Instrument :

MSVOA_Y

ClientSampleId :

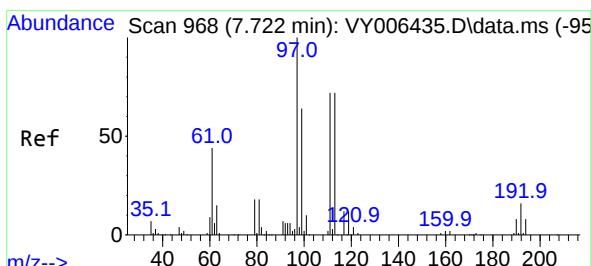
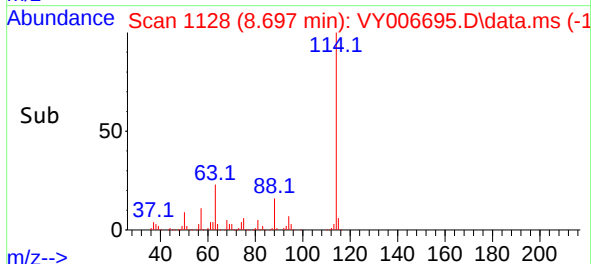
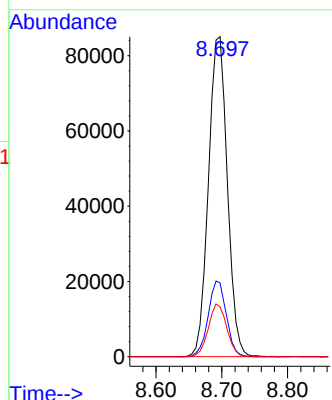
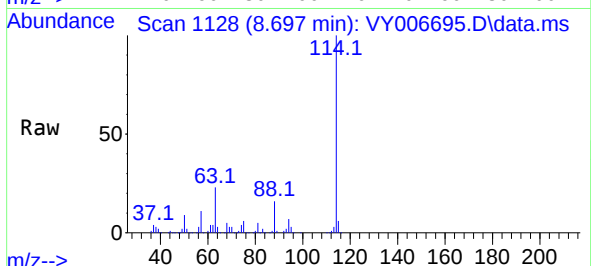
Tgt Ion:114 Resp: 169871

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.706 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY006695.D

Acq: 08 Nov 2021 21:03

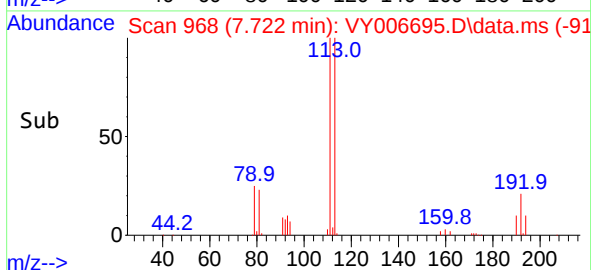
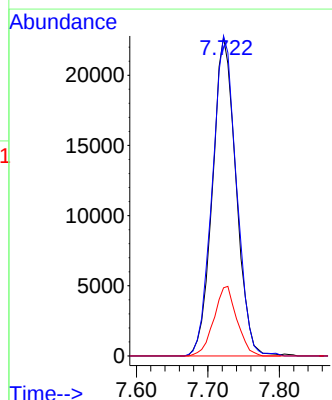
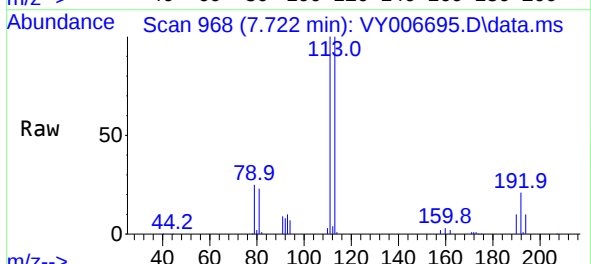
Tgt Ion:113 Resp: 51796

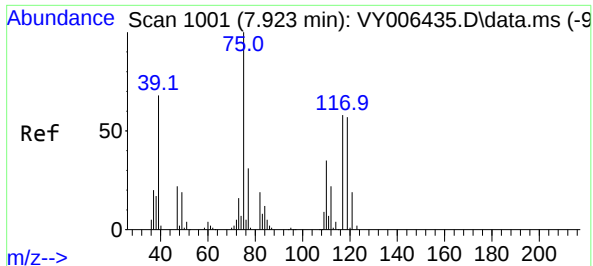
Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

192 21.4 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.878 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

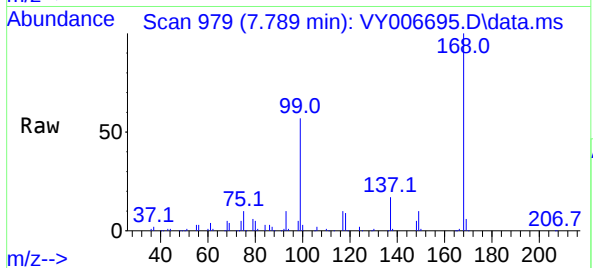
Lab File: VY006695.D

Acq: 08 Nov 2021 21:03

Instrument :

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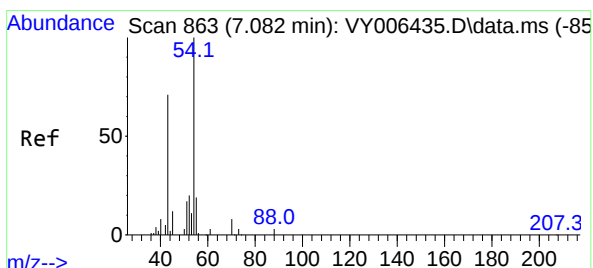
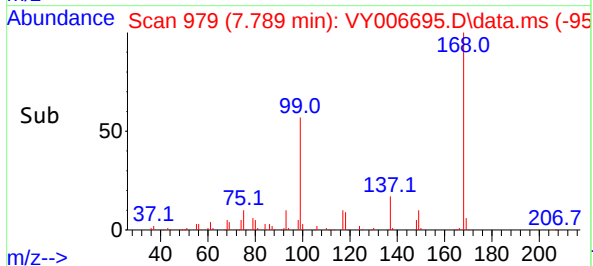
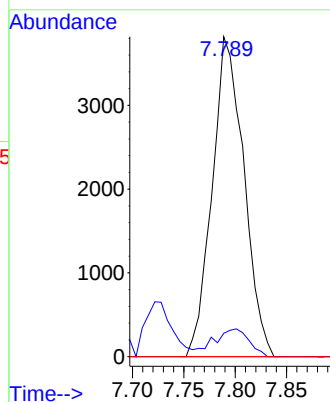
Tgt Ion: 75 Resp: 8187

Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.3#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 1.769 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.098 min

Lab File: VY006695.D

Acq: 08 Nov 2021 21:03

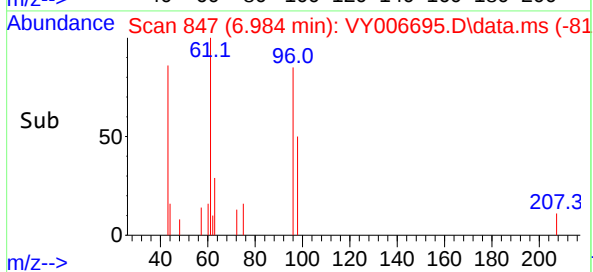
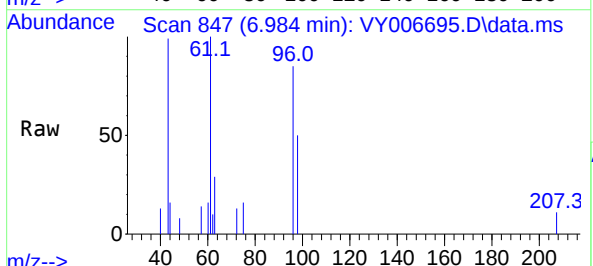
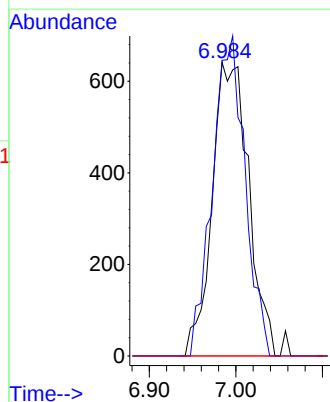
Tgt Ion: 43 Resp: 1879

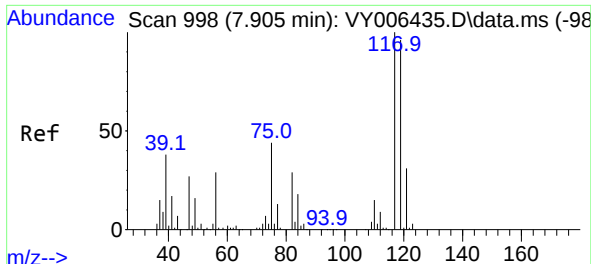
Ion Ratio Lower Upper

43 100

61 96.9 9.4 14.2#

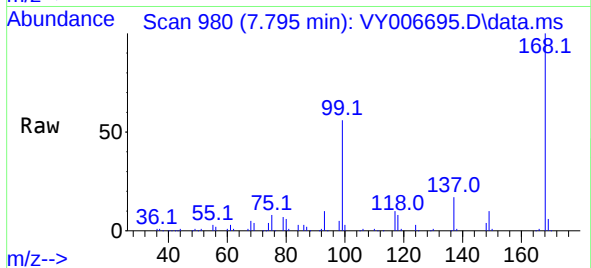
70 0.0 6.9 10.3#



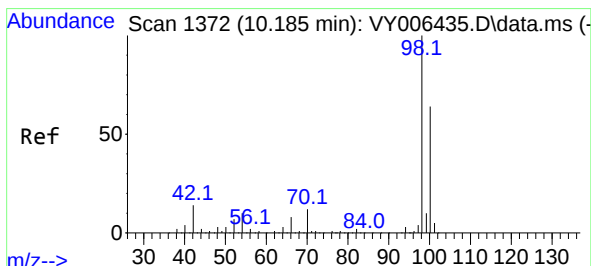
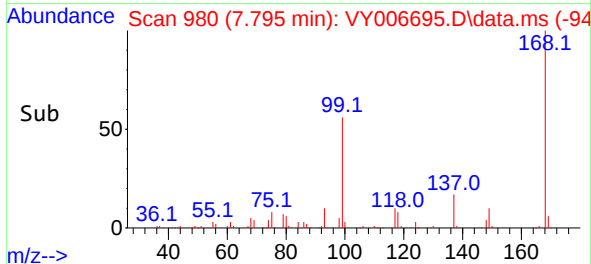
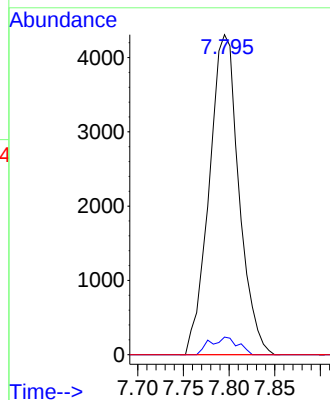


#38
Carbon Tetrachloride
Concen: 5.268 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006695.D
Acq: 08 Nov 2021 21:03

Instrument :
MSVOA_Y
ClientSampleId :

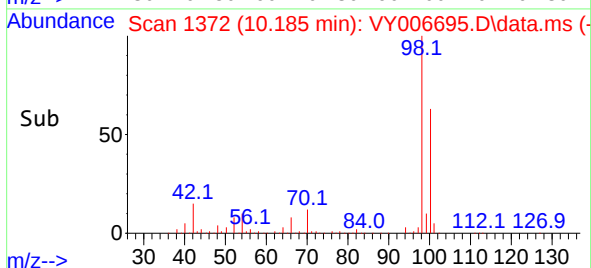
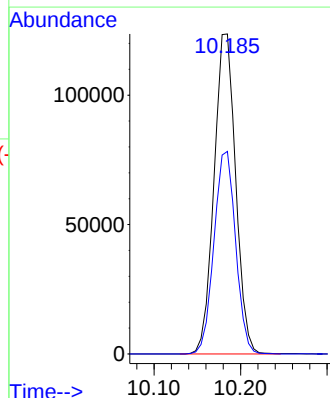
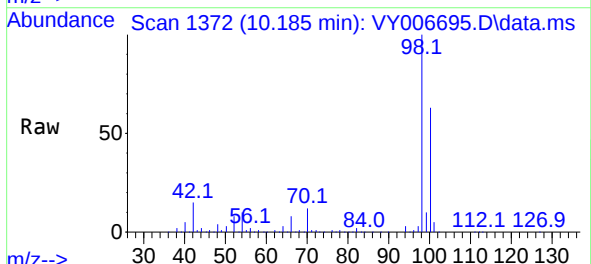


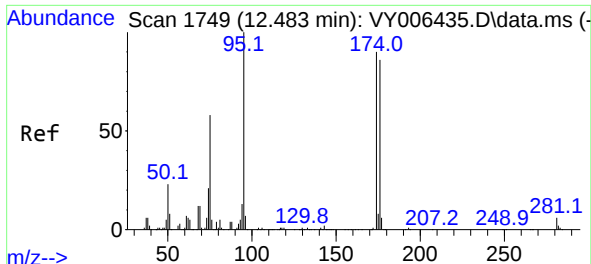
Tgt Ion:117 Resp: 9755
Ion Ratio Lower Upper
117 100
119 5.5 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.515 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006695.D
Acq: 08 Nov 2021 21:03

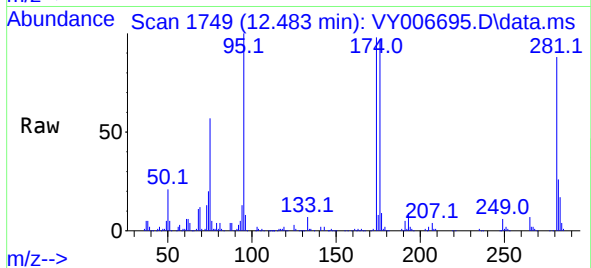
Tgt Ion: 98 Resp: 214794
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



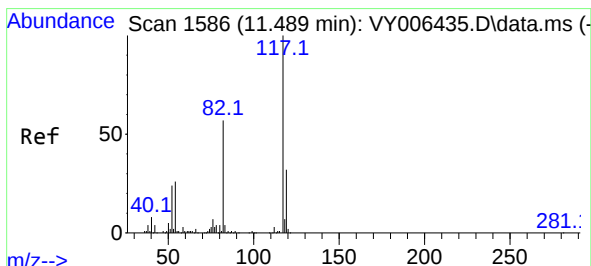
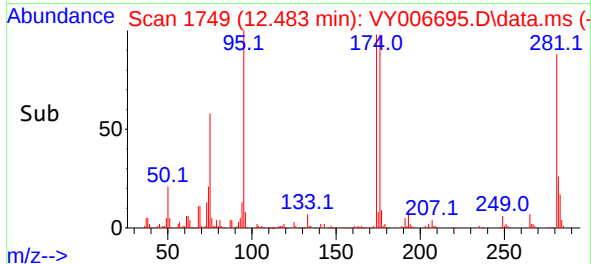
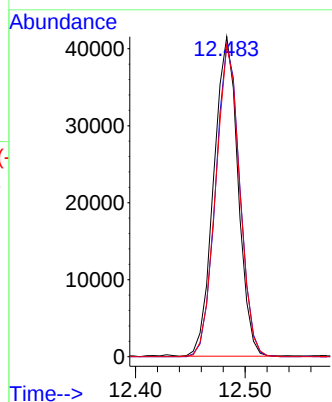


#62
4-Bromofluorobenzene
Concen: 47.317 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006695.D
Acq: 08 Nov 2021 21:03

Instrument :
MSVOA_Y
ClientSampleId :

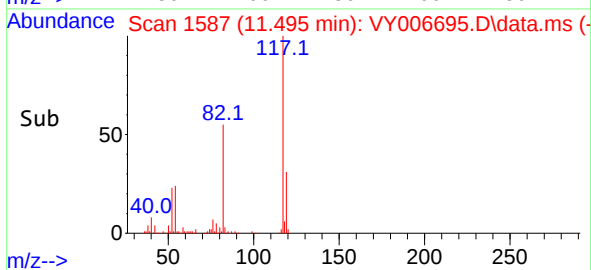
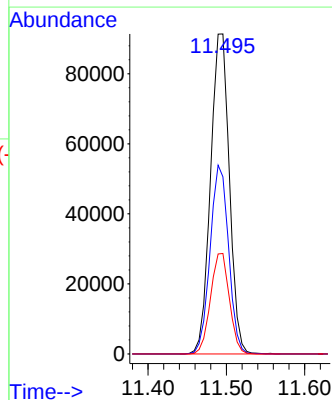
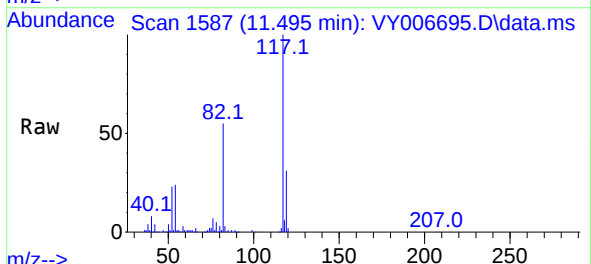


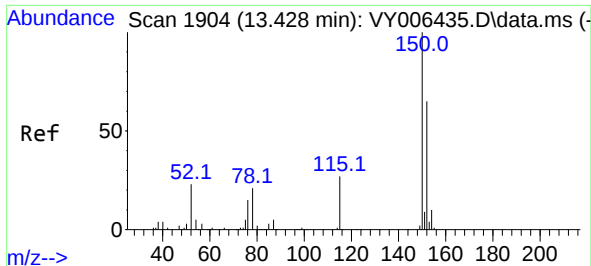
Tgt Ion: 95 Resp: 63975
Ion Ratio Lower Upper
95 100
174 96.8 0.0 177.0
176 96.0 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006695.D
Acq: 08 Nov 2021 21:03

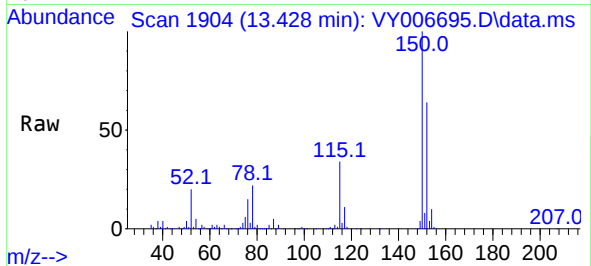
Tgt Ion: 117 Resp: 152572
Ion Ratio Lower Upper
117 100
82 55.3 45.7 68.5
119 31.4 25.5 38.3



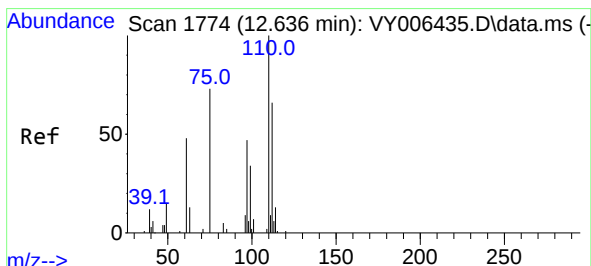
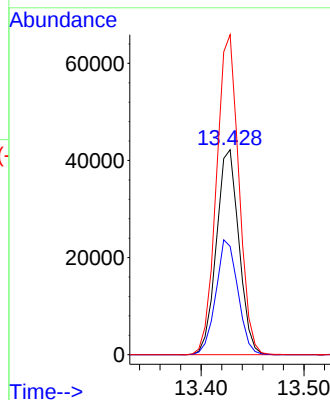
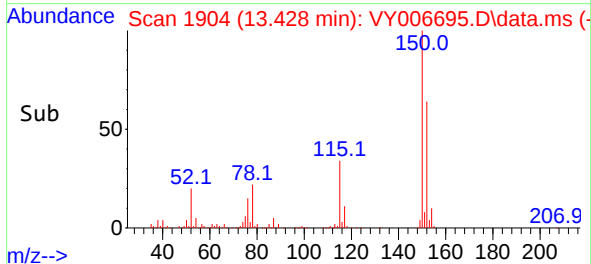


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006695.D
Acq: 08 Nov 2021 21:03

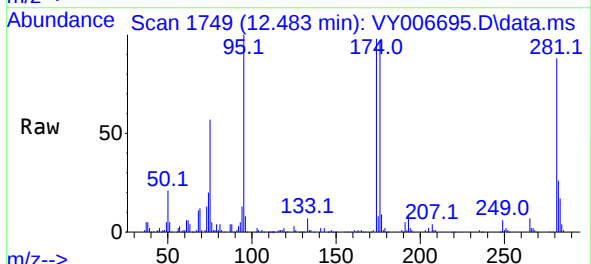
Instrument :
MSVOA_Y
ClientSampleId :



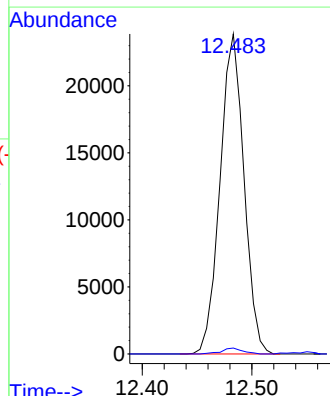
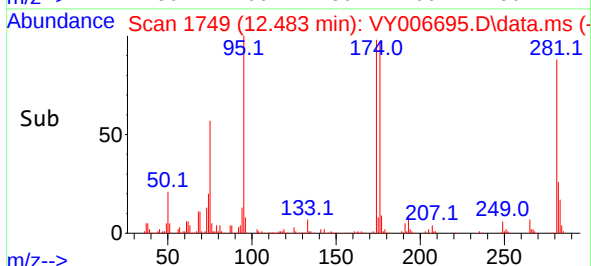
Tgt Ion:152 Resp: 64205
Ion Ratio Lower Upper
152 100
115 54.8 28.5 85.5
150 155.1 0.0 348.2

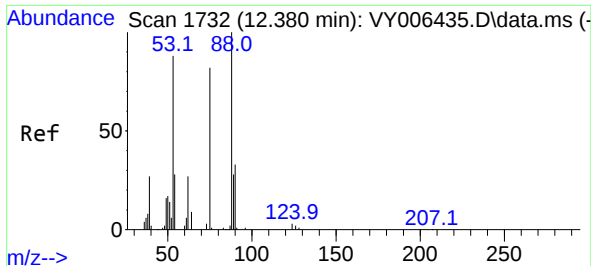


#76
1,2,3-Trichloropropane
Concen: 54.651 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006695.D
Acq: 08 Nov 2021 21:03



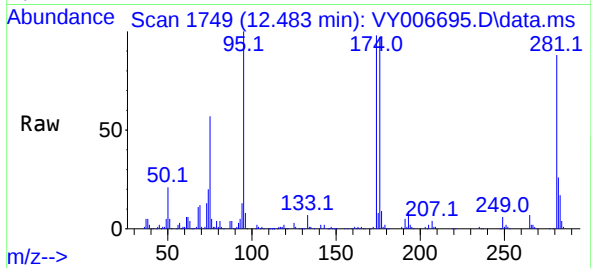
Tgt Ion: 75 Resp: 36158
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 112.197 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY006695.D
Acq: 08 Nov 2021 21:03

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 36158
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.8 39.3 58.9#

