

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006820.D
 Acq On : 19 Nov 2021 11:01
 Operator : SY/MD
 Sample : VY1119SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 19 18:15:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

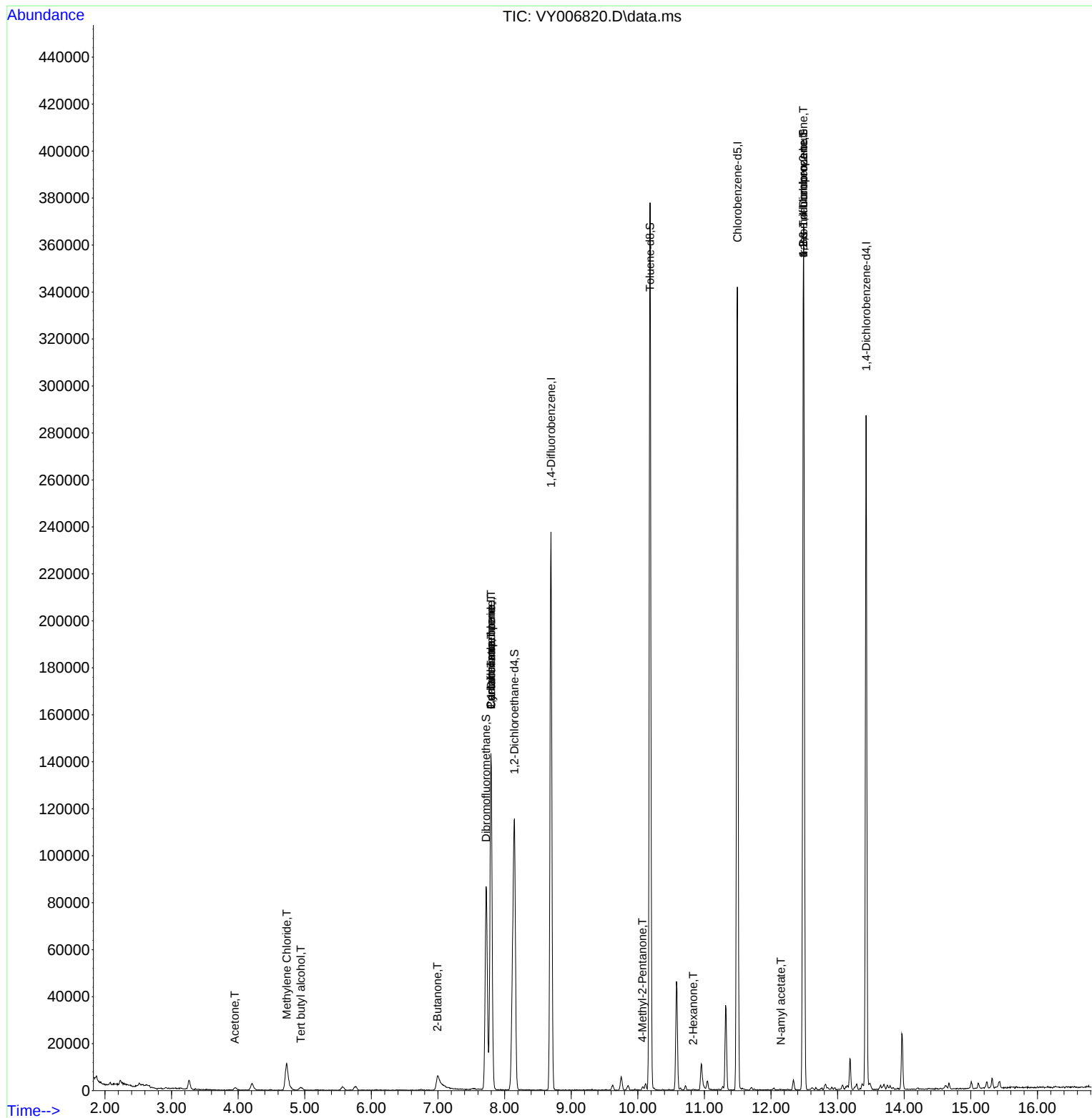
Internal Standards						
1) Pentafluorobenzene	7.795	168	107396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	182637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	169077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77664	55.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.360%	
35) Dibromofluoromethane	7.722	113	57598	51.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.680%	
50) Toluene-d8	10.185	98	235321	50.691	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.380%	
62) 4-Bromofluorobenzene	12.483	95	71068	45.410	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1681	7.941	ug/l #	72
16) Acetone	3.948	43	2043	4.777	ug/l	100
20) Methylene Chloride	4.729	84	7164	2.348	ug/l	95
25) 2-Butanone	6.990	43	935	12.935	ug/l #	52
31) Cyclohexane	7.795	56	2787	1.127	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9674	4.873	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10728	5.283	ug/l #	16
51) 4-Methyl-2-Pentanone	10.069	43	1412	1.077	ug/l #	85
59) 2-Hexanone	10.831	43	263	24.063	ug/l	83
74) N-amyl acetate	12.148	43	168	3.242	ug/l #	52
76) 1,2,3-Trichloropropane	12.483	75	42590	59.502	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42590	117.902	ug/l #	7

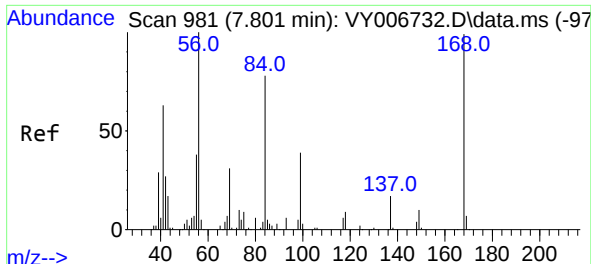
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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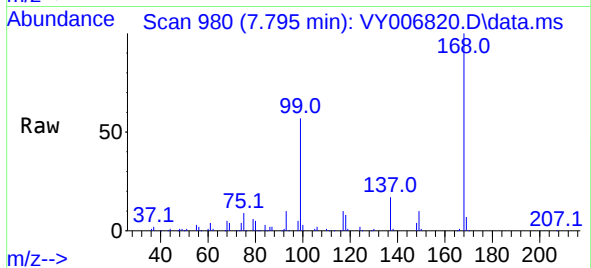
Quant Time: Nov 19 18:15:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
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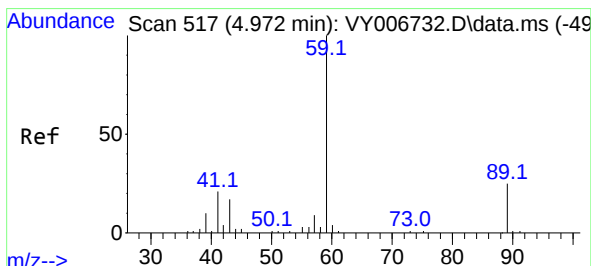
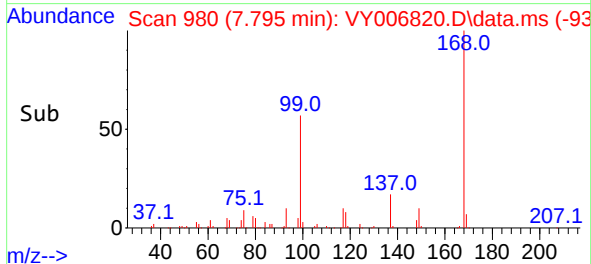
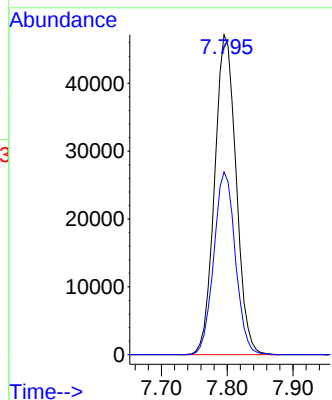


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01

Instrument :
MSVOA_Y
ClientSampleId :

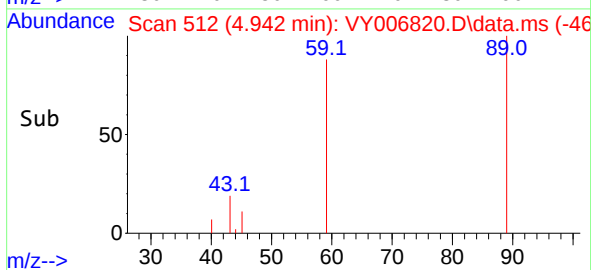
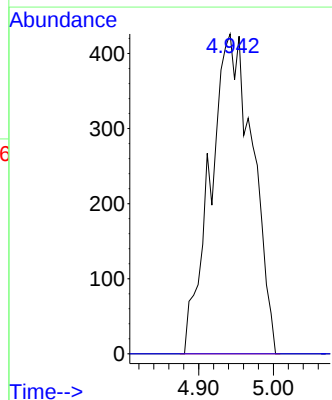
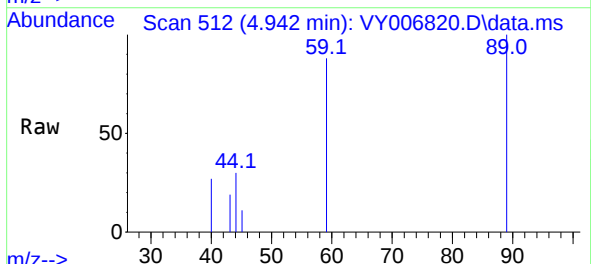


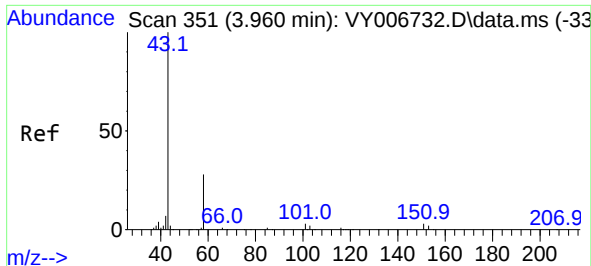
Tgt Ion:168 Resp: 107396
Ion Ratio Lower Upper
168 100
99 57.1 44.8 67.2



#11
Tert butyl alcohol
Concen: 7.941 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01

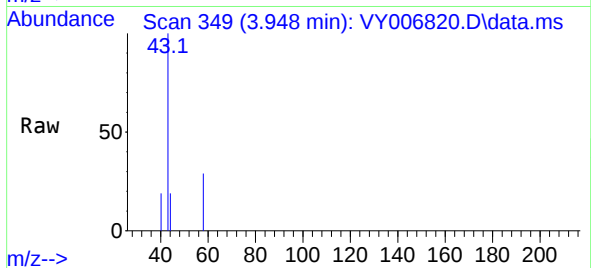
Tgt Ion: 59 Resp: 1681
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



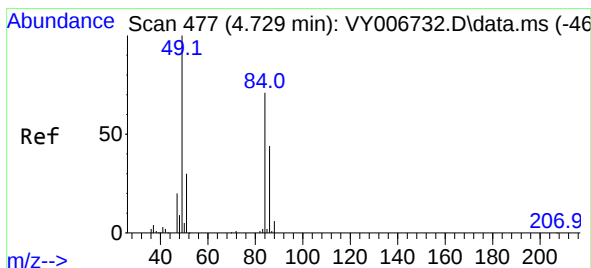
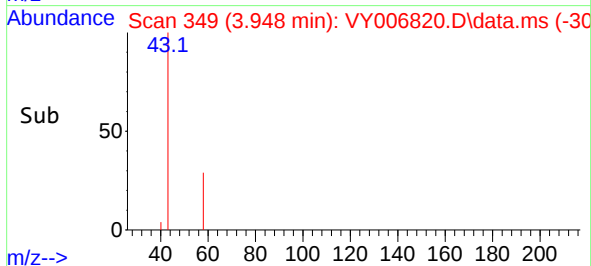
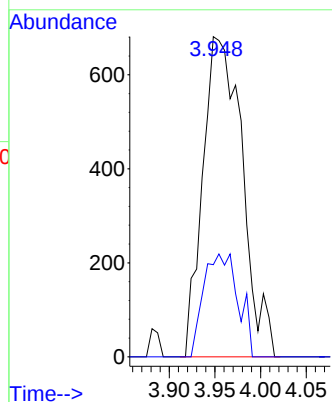


#16
Acetone
Concen: 4.777 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01

Instrument :
MSVOA_Y
ClientSampleId :

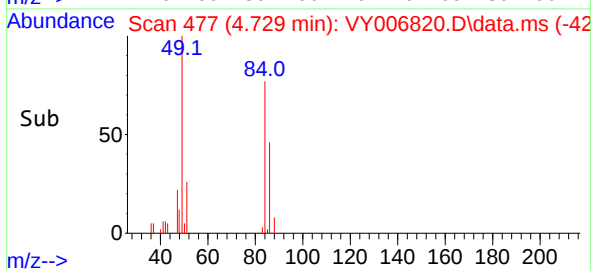
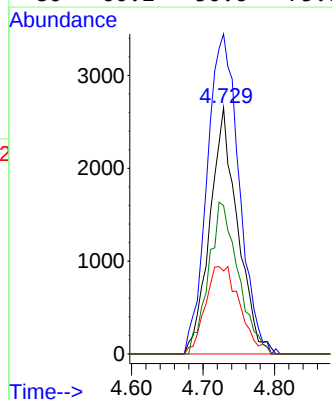
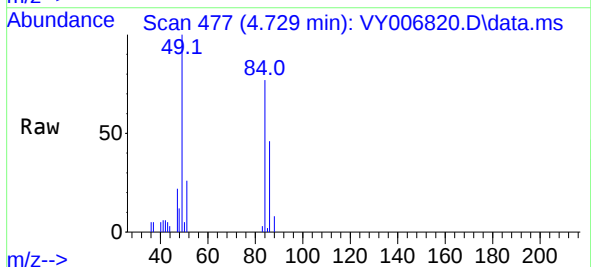


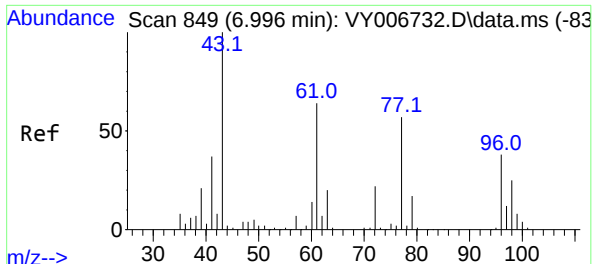
Tgt Ion: 43 Resp: 2043
Ion Ratio Lower Upper
43 100
58 28.8 22.9 34.3



#20
Methylene Chloride
Concen: 2.348 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01

Tgt Ion: 84 Resp: 7164
Ion Ratio Lower Upper
84 100
49 129.9 107.8 161.8
51 33.7 32.8 49.2
86 60.2 50.6 75.8





#25

2-Butanone

Concen: 12.935 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY006820.D

Acq: 19 Nov 2021 11:01

Instrument :

MSVOA_Y

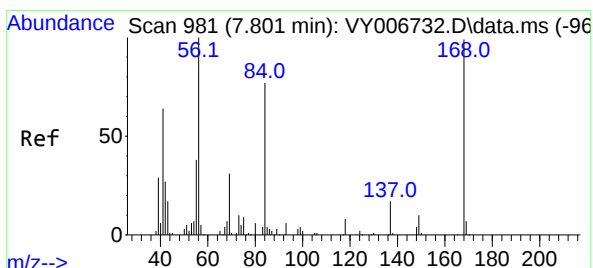
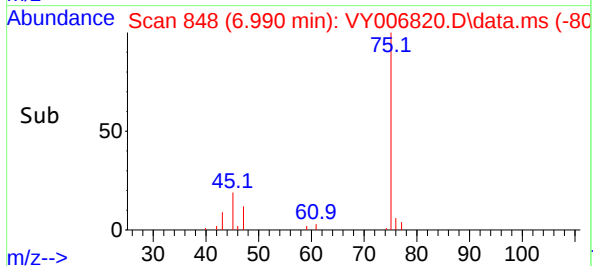
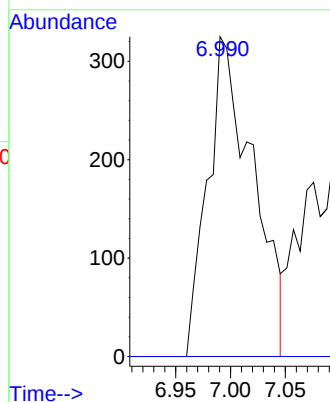
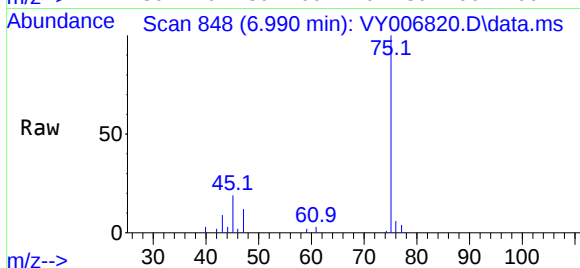
ClientSampleId :

Tgt Ion: 43 Resp: 935

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.127 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006820.D

Acq: 19 Nov 2021 11:01

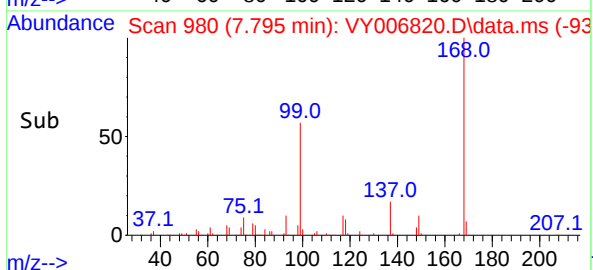
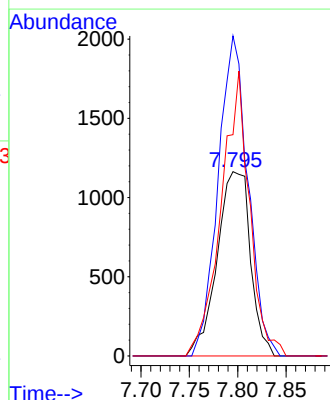
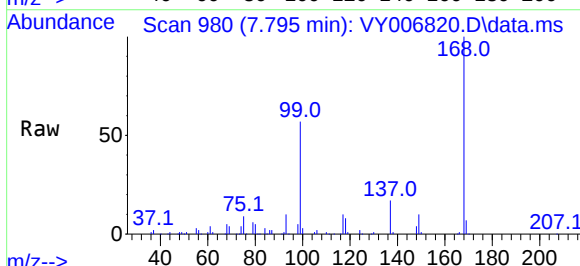
Tgt Ion: 56 Resp: 2787

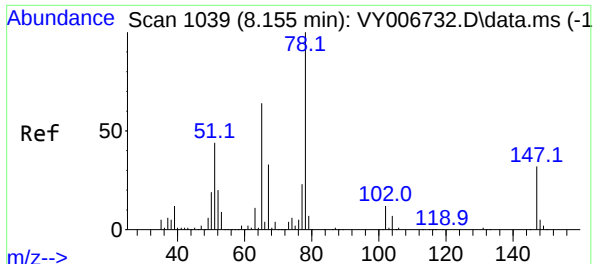
Ion Ratio Lower Upper

56 100

69 173.7 26.6 40.0#

84 120.1 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 55.177 ug/l

RT: 8.149 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY006820.D

Acq: 19 Nov 2021 11:01

Instrument :

MSVOA_Y

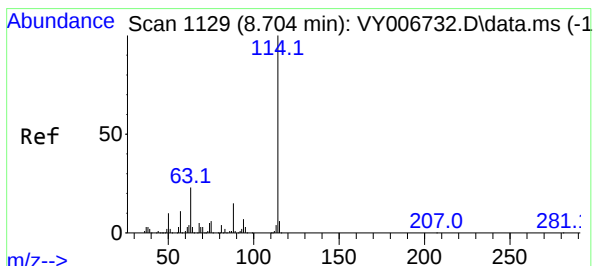
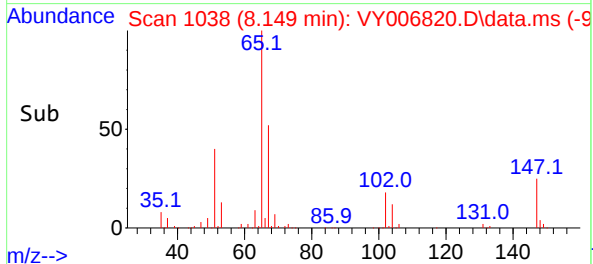
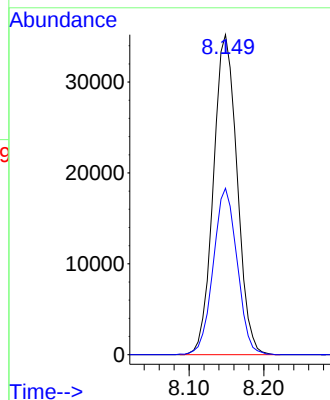
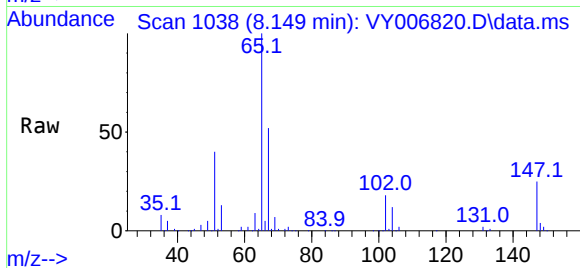
ClientSampleId :

Tgt Ion: 65 Resp: 77664

Ion Ratio Lower Upper

65 100

67 52.4 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006820.D

Acq: 19 Nov 2021 11:01

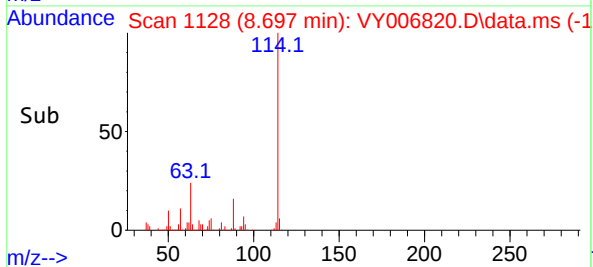
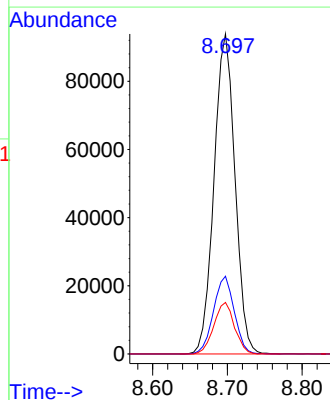
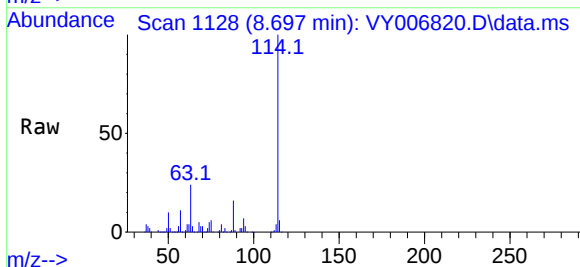
Tgt Ion: 114 Resp: 182637

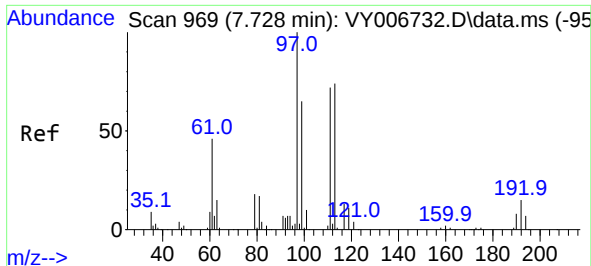
Ion Ratio Lower Upper

114 100

63 24.3 0.0 45.0

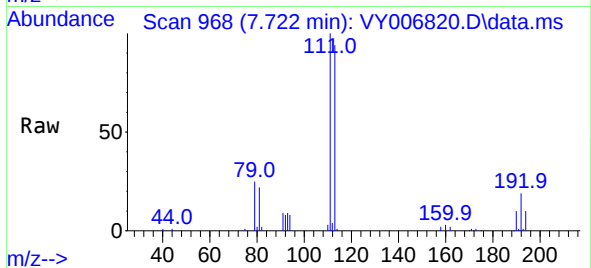
88 16.1 0.0 30.6



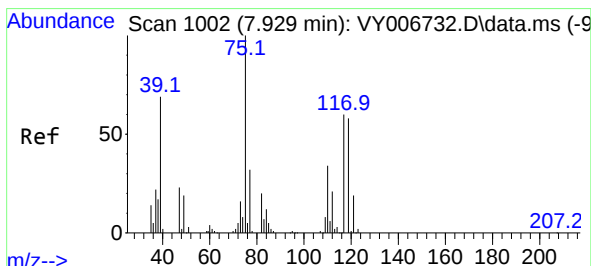
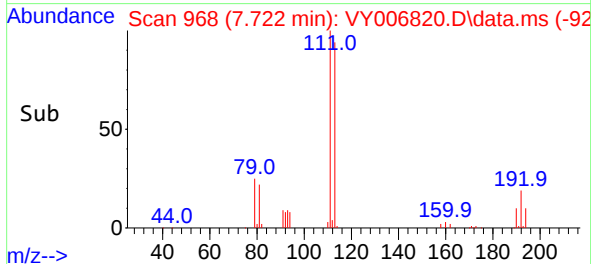
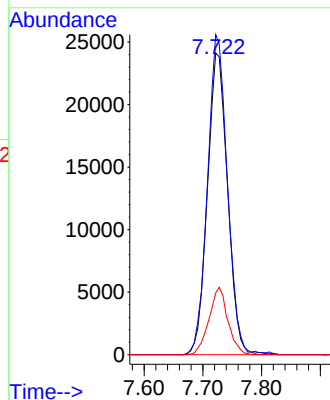


#35
Dibromofluoromethane
Concen: 51.343 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01

Instrument :
MSVOA_Y
ClientSampleId :

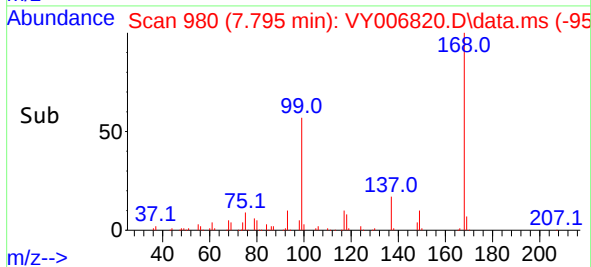
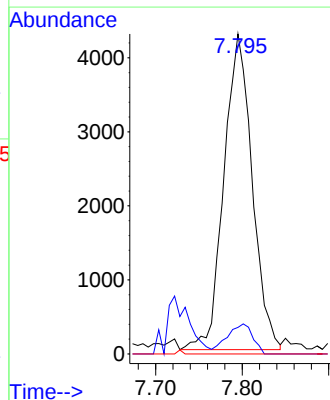
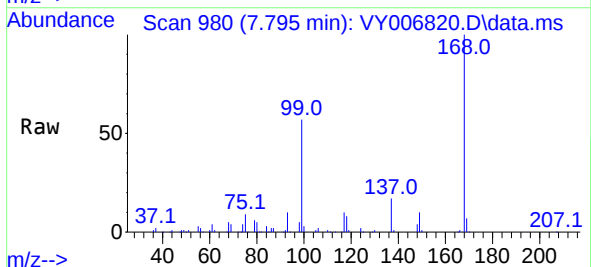


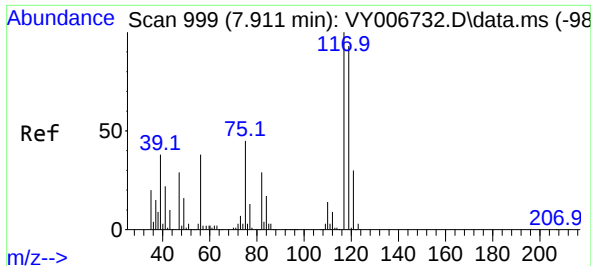
Tgt Ion:113 Resp: 57598
Ion Ratio Lower Upper
113 100
111 104.7 82.3 123.5
192 20.8 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.873 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01

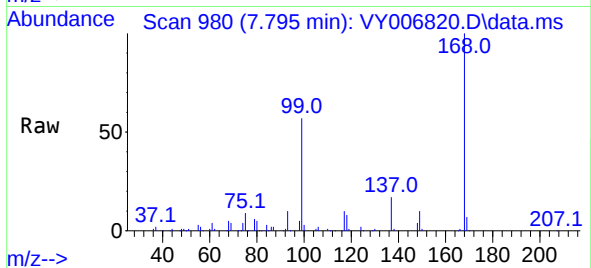
Tgt Ion: 75 Resp: 9674
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.3#
77 0.0 24.9 37.3#



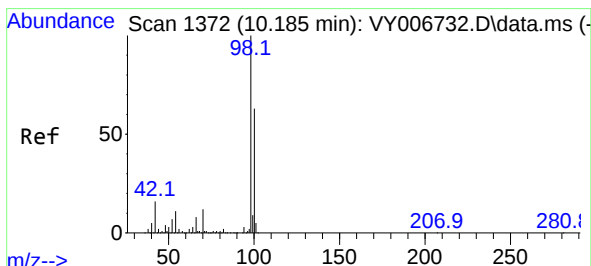
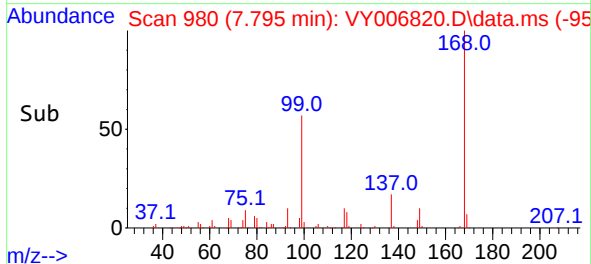
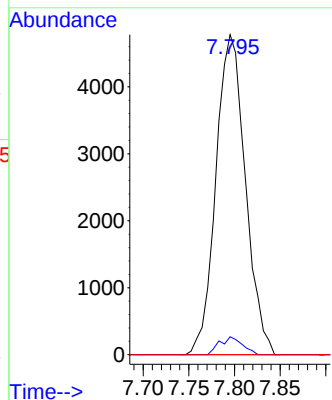


#38
Carbon Tetrachloride
Concen: 5.283 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01

Instrument :
MSVOA_Y
ClientSampleId :

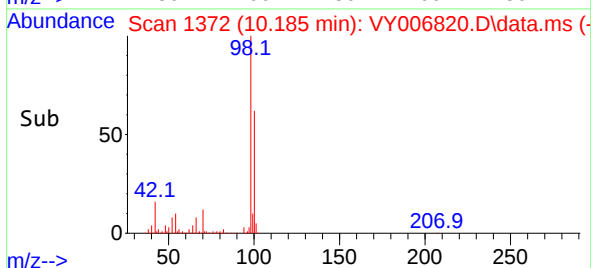
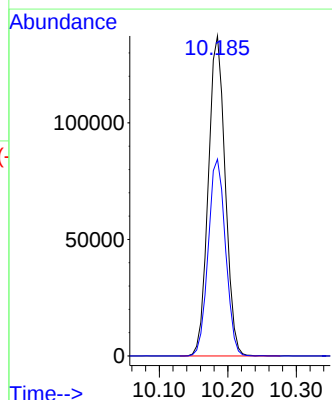
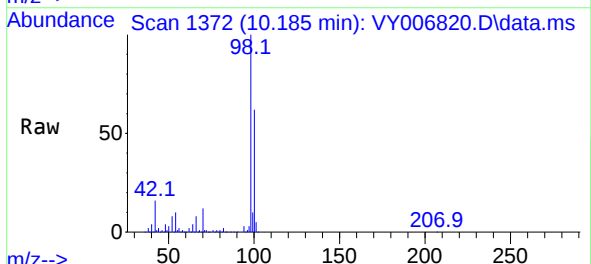


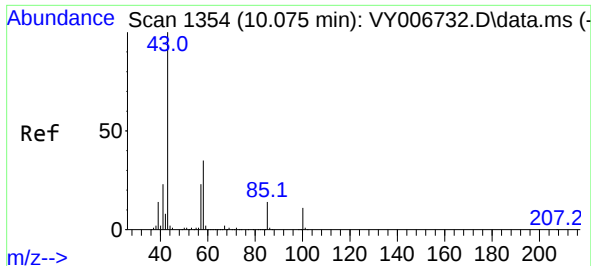
Tgt Ion:117 Resp: 10728
Ion Ratio Lower Upper
117 100
119 5.6 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.691 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01

Tgt Ion: 98 Resp: 235321
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

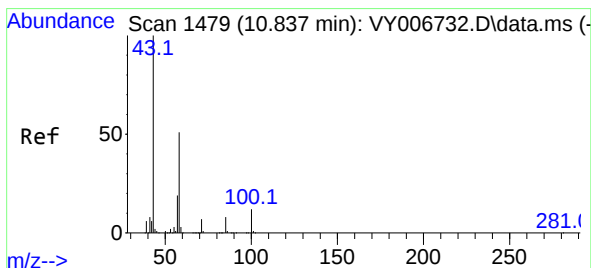
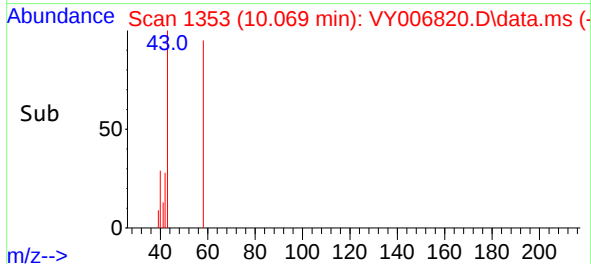
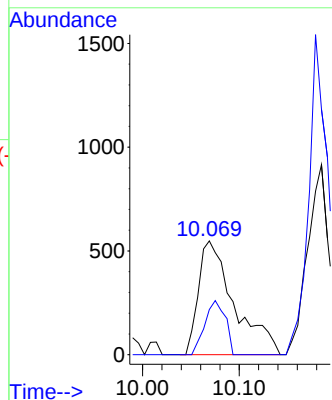
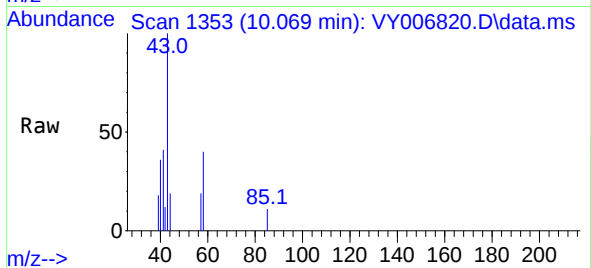




#51
4-Methyl-2-Pentanone
Concen: 1.077 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01

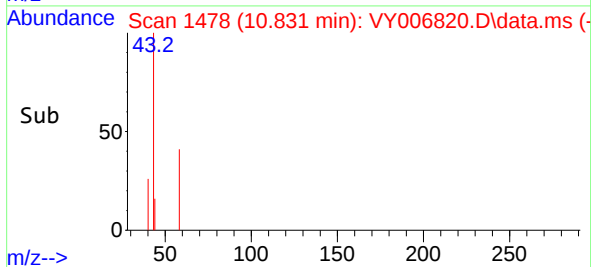
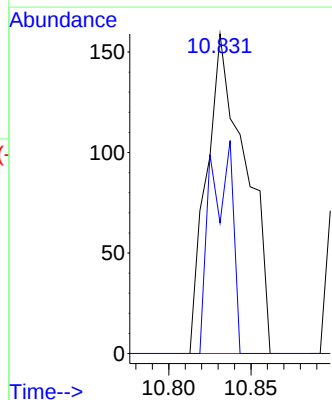
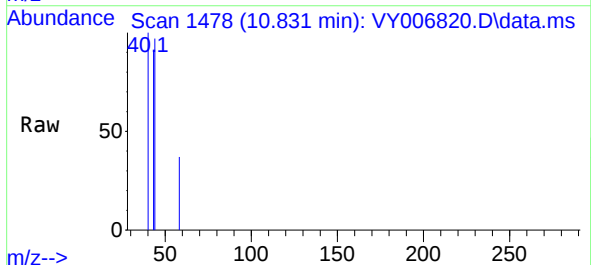
Instrument :
MSVOA_Y
ClientSampleId :

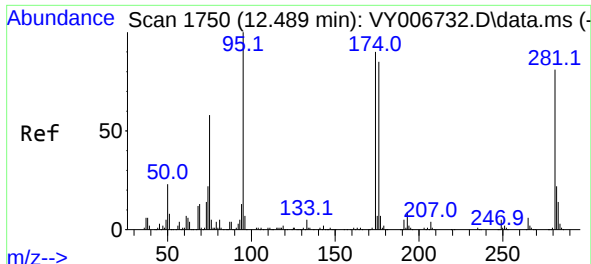
Tgt Ion: 43 Resp: 1412
Ion Ratio Lower Upper
43 100
58 27.2 28.7 43.1#



#59
2-Hexanone
Concen: 24.063 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01

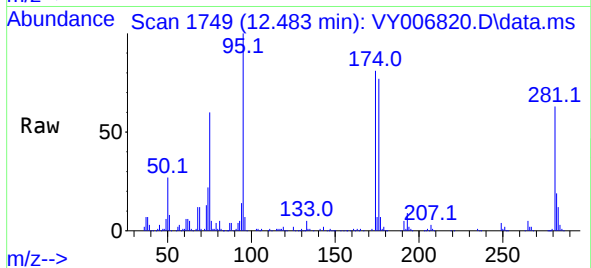
Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
58 37.6 24.6 73.6



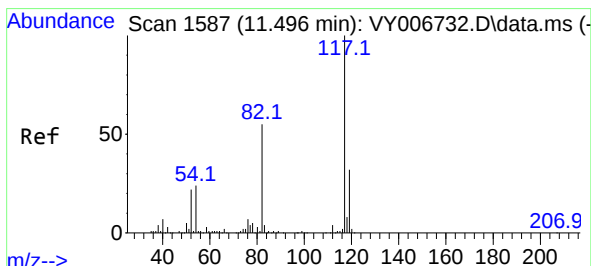
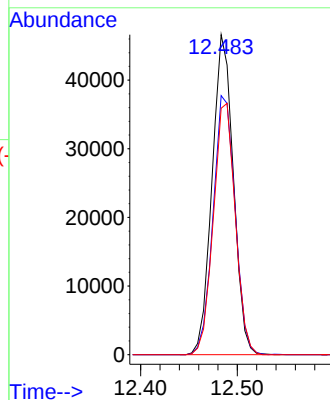
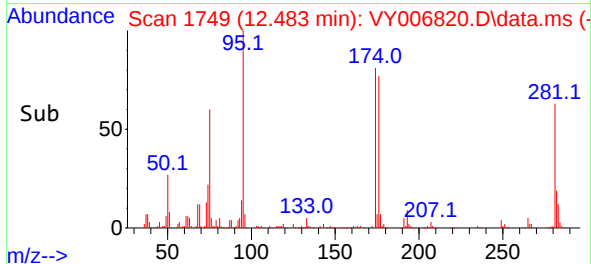


#62
4-Bromofluorobenzene
Concen: 45.410 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01

Instrument :
MSVOA_Y
ClientSampleId :

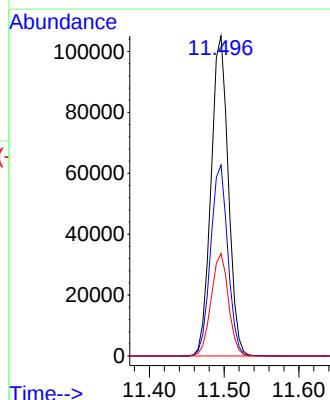
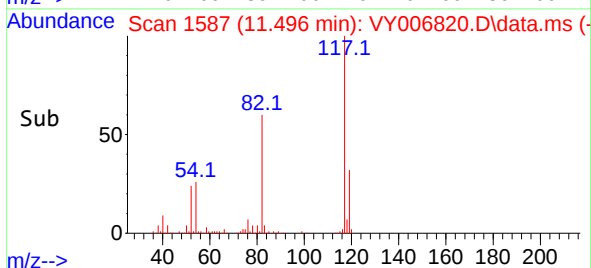
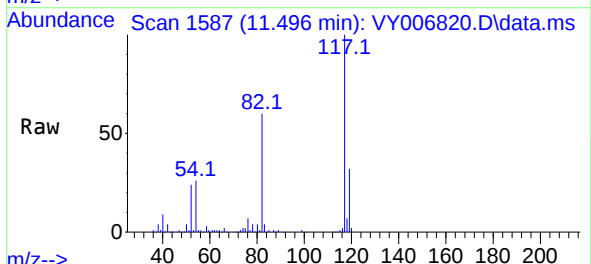


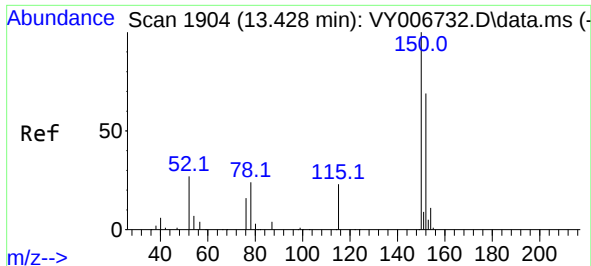
Tgt Ion: 95 Resp: 71068
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 81.0 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01

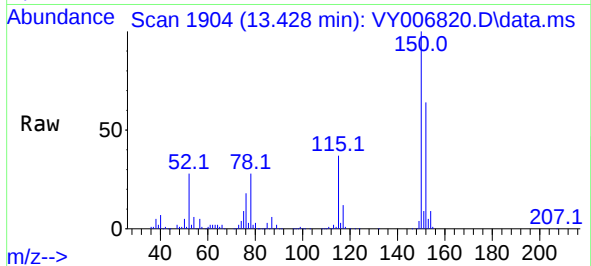
Tgt Ion: 117 Resp: 169077
Ion Ratio Lower Upper
117 100
82 59.7 45.7 68.5
119 32.0 25.5 38.3



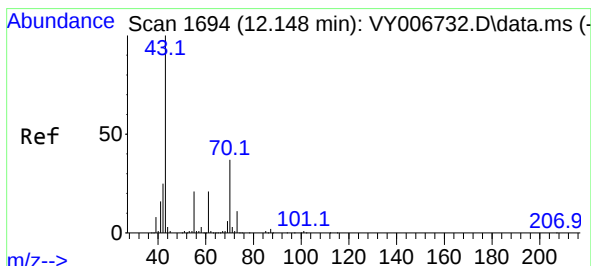
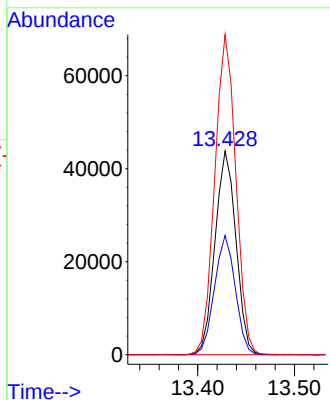
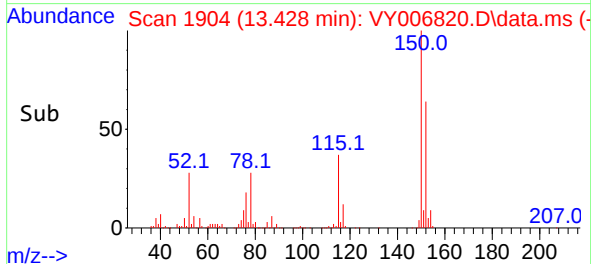


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01

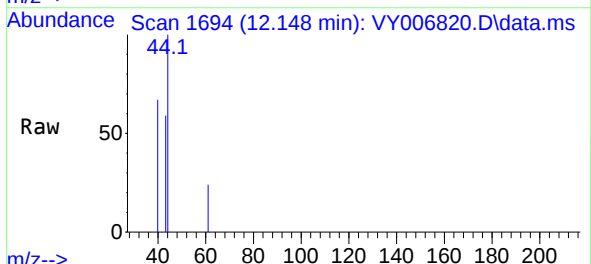
Instrument :
MSVOA_Y
ClientSampleId :



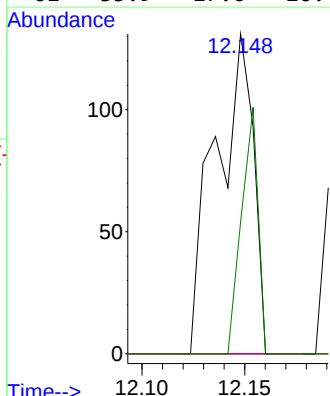
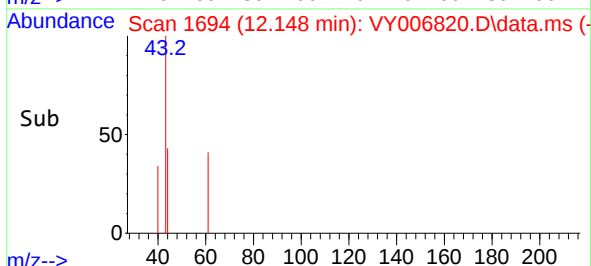
Tgt Ion:152 Resp: 65835
Ion Ratio Lower Upper
152 100
115 58.1 28.5 85.5
150 158.4 0.0 348.2

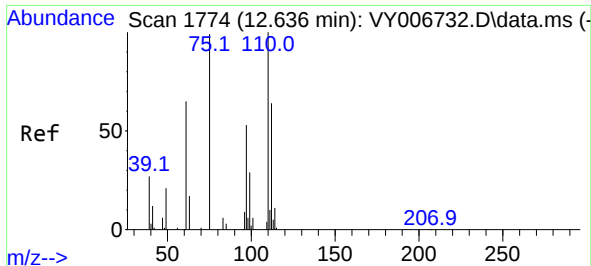


#74
N-ethyl acetate
Concen: 3.242 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01



Tgt Ion: 43 Resp: 168
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 0.0 18.1 27.1#
61 33.9 17.6 26.4#

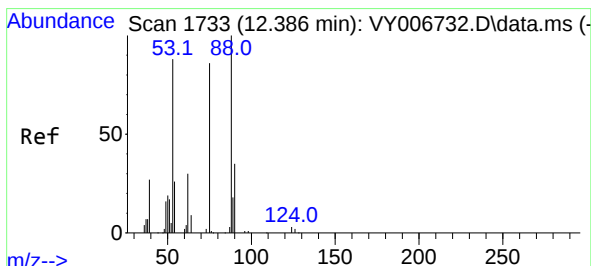
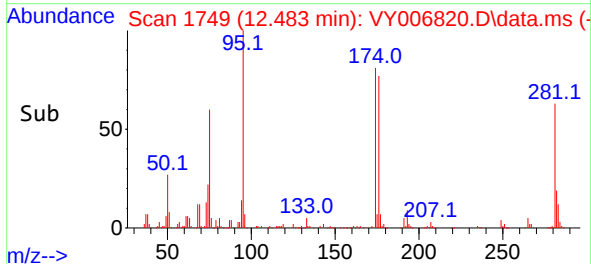
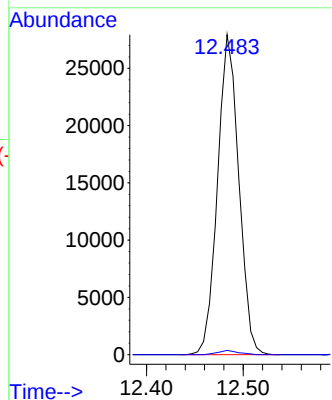
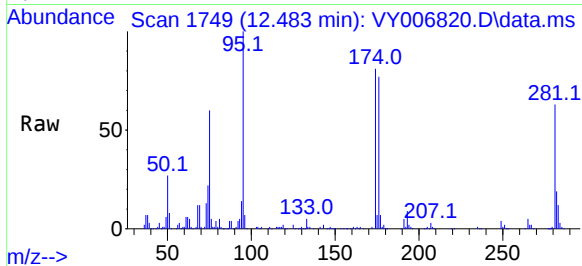




#76
1,2,3-Trichloropropane
Concen: 59.502 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 42590
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.902 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY006820.D
Acq: 19 Nov 2021 11:01

Tgt Ion: 75 Resp: 42590
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.9 39.3 58.9#

