

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006656.D
 Acq On : 05 Nov 2021 15:08
 Operator : SY/MD
 Sample : M4477-03
 Misc : 5.05G/10ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:39:14 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	117396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	199162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	190360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74941	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85413	59.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.240%
35) Dibromofluoromethane	7.728	113	62074	55.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.840%
50) Toluene-d8	10.185	98	257071	54.629	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.260%
62) 4-Bromofluorobenzene	12.483	95	77033	48.596	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.200%

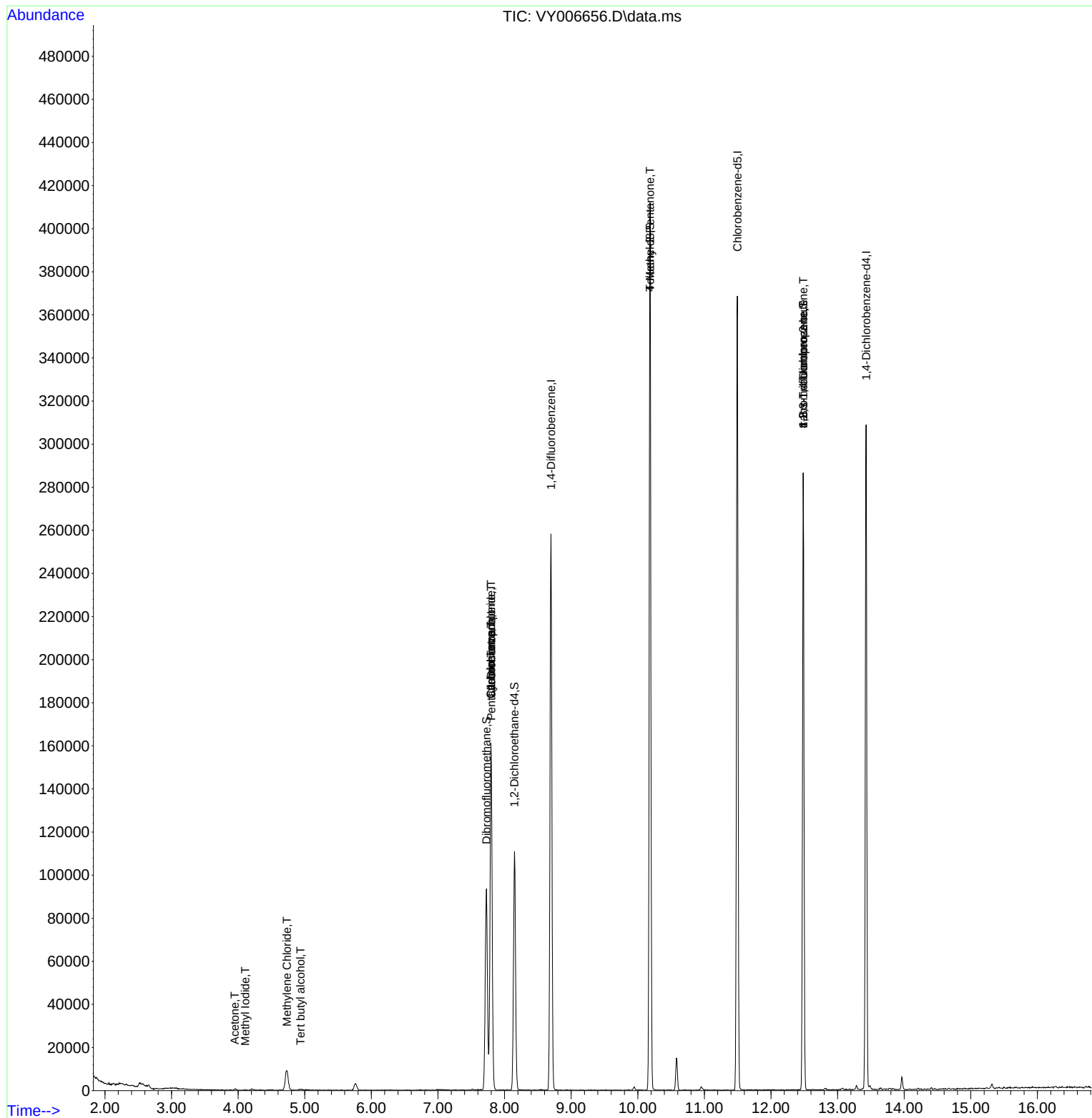
Target Compounds					Qvalue	
10) Methyl Iodide	4.107	142	95	5.134	ug/l #	36
11) Tert butyl alcohol	4.936	59	512	3.901	ug/l #	72
16) Acetone	3.948	43	920	2.212	ug/l	97
20) Methylene Chloride	4.735	84	6402	1.011	ug/l	94
31) Cyclohexane	7.795	56	2944	1.259	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9772	4.966	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11693	5.386	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1377	1.087	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	45675	59.145	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45675	121.424	ug/l #	7

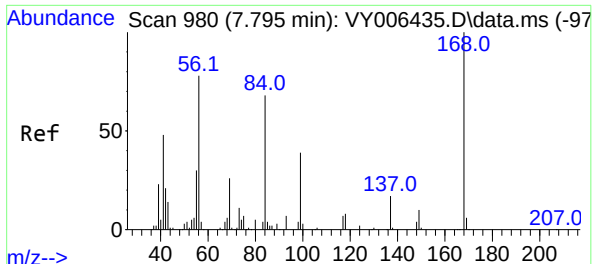
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

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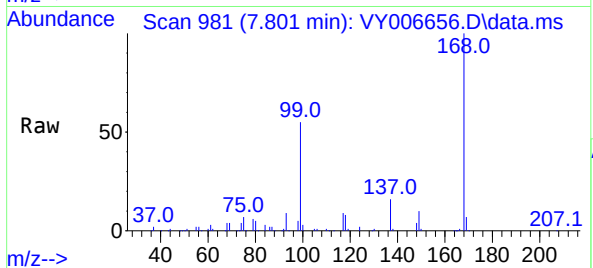
Quant Time: Nov 06 20:39:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
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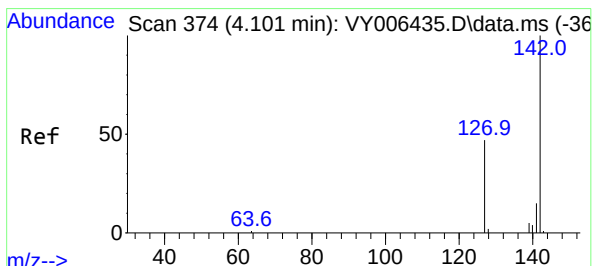
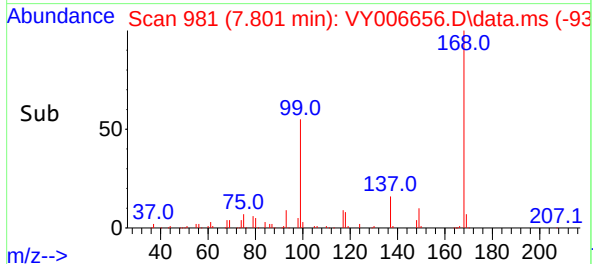
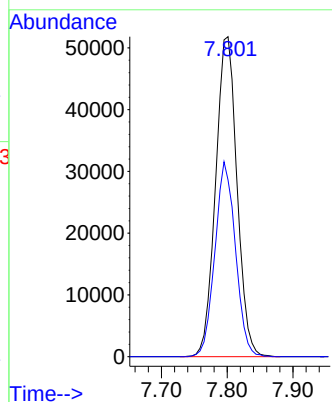


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

Instrument :
MSVOA_Y
ClientSampleId :

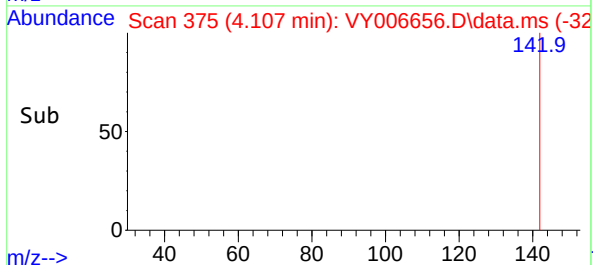
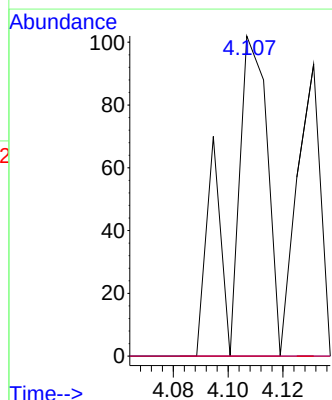
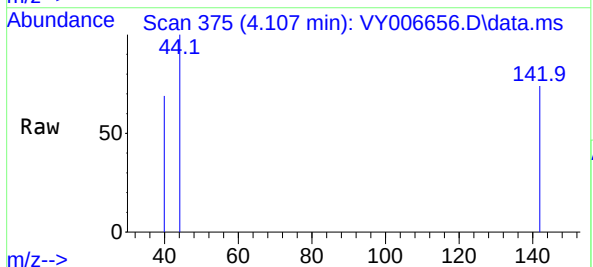


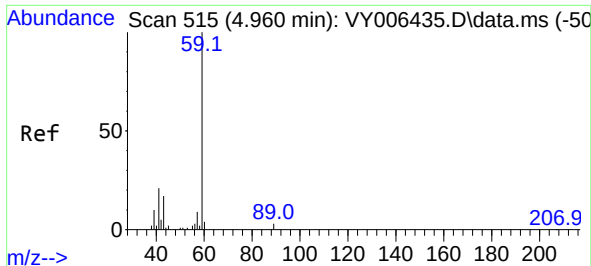
Tgt Ion:168 Resp: 117396
Ion Ratio Lower Upper
168 100
99 55.2 44.8 67.2



#10
Methyl Iodide
Concen: 5.134 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

Tgt Ion:142 Resp: 95
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 3.901 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.024 min

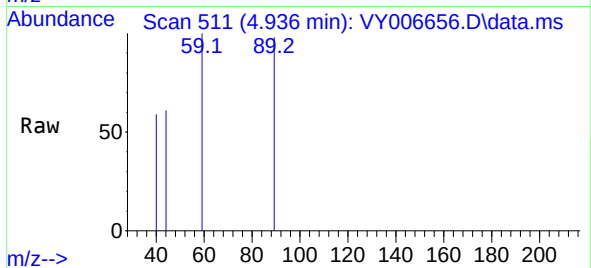
Lab File: VY006656.D

Acq: 05 Nov 2021 15:08

Instrument :

MSVOA_Y

ClientSampleId :

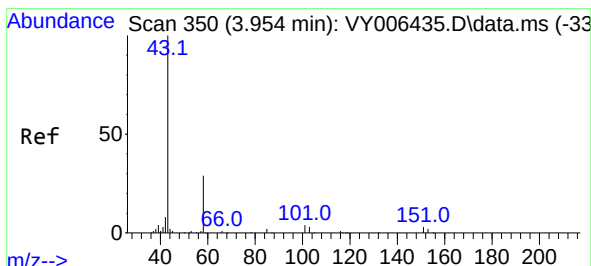
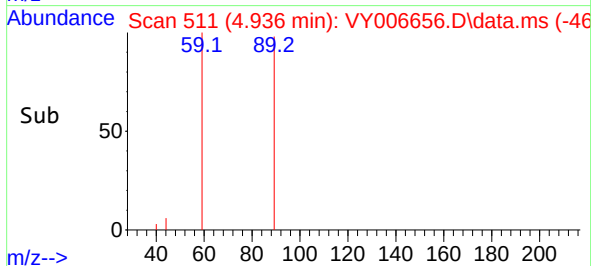
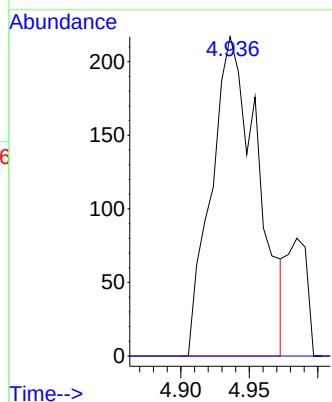


Tgt Ion: 59 Resp: 512

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 2.212 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY006656.D

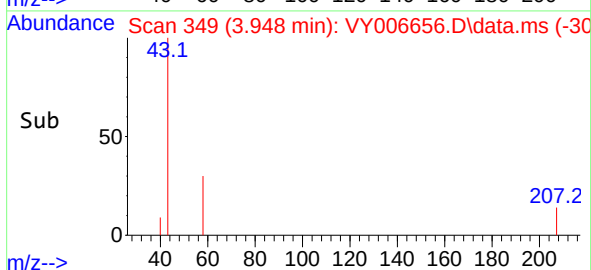
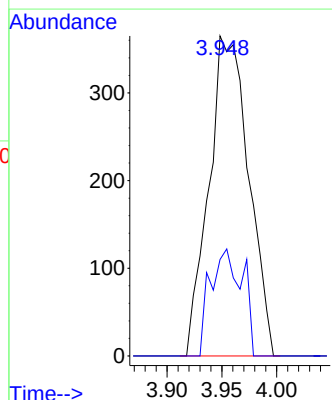
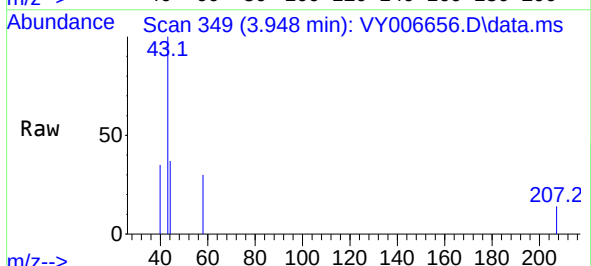
Acq: 05 Nov 2021 15:08

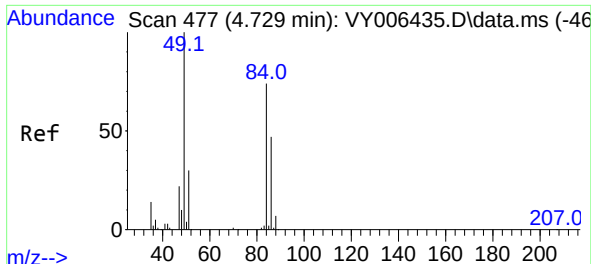
Tgt Ion: 43 Resp: 920

Ion Ratio Lower Upper

43 100

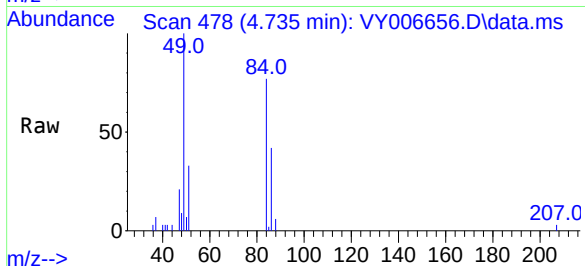
58 30.1 22.9 34.3





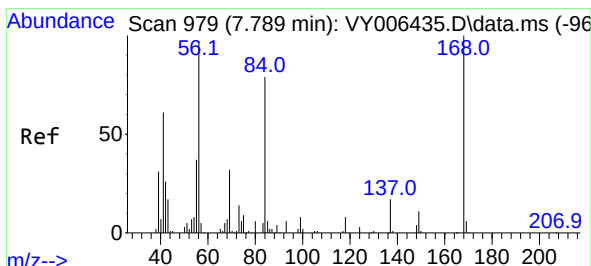
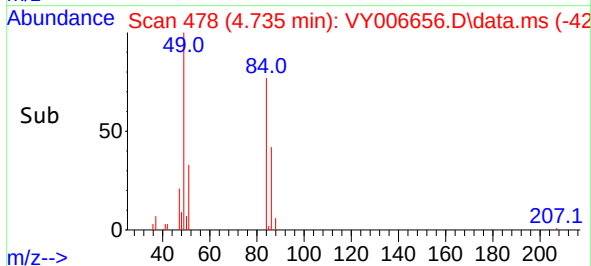
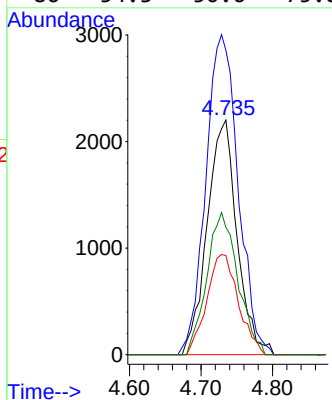
#20
Methylene Chloride
Concen: 1.011 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6402

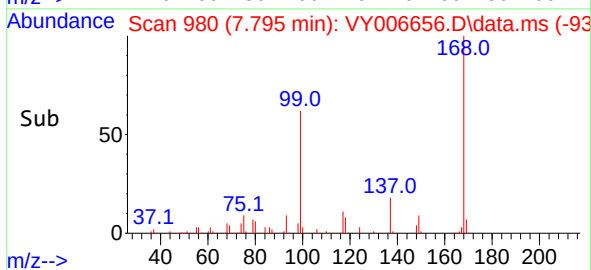
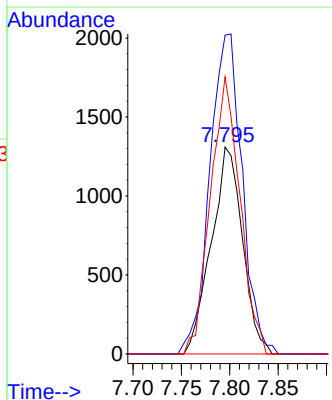
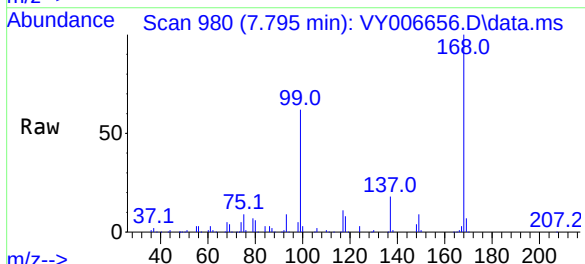
Ion	Ratio	Lower	Upper
84	100		
49	129.8	107.8	161.8
51	42.3	32.8	49.2
86	54.3	50.6	75.8

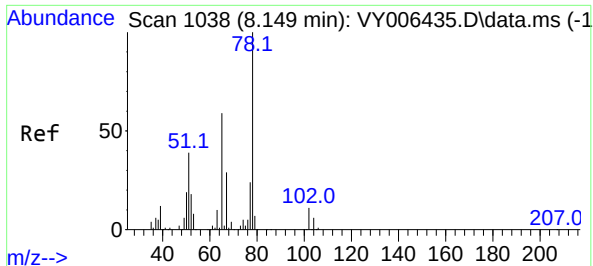


#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

Tgt Ion: 56 Resp: 2944

Ion	Ratio	Lower	Upper
56	100		
69	154.0	26.6	40.0#
84	133.9	65.0	97.4#





#33

1,2-Dichloroethane-d4

Concen: 59.124 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min
Lab File: VY006656.D

Acq: 05 Nov 2021 15:08

Instrument :

MSVOA_Y

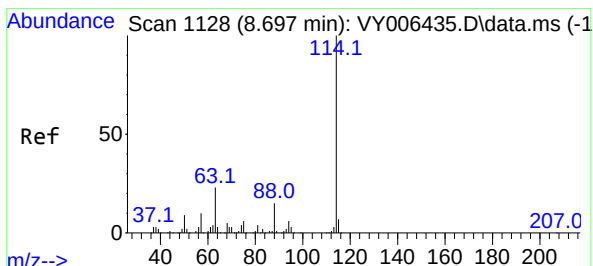
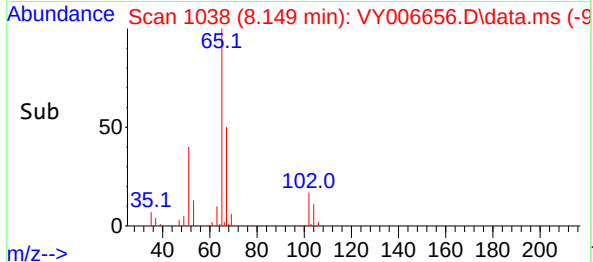
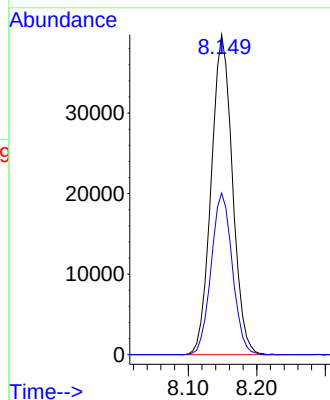
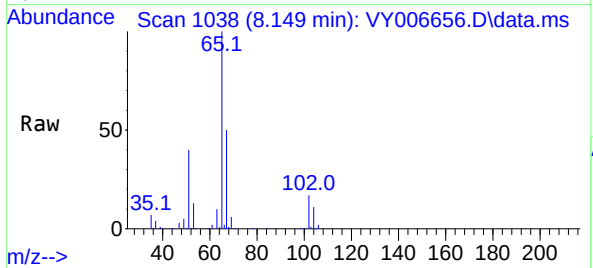
ClientSampleId :

Tgt Ion: 65 Resp: 85413

Ion Ratio Lower Upper

65 100

67 50.4 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: VY006656.D

Acq: 05 Nov 2021 15:08

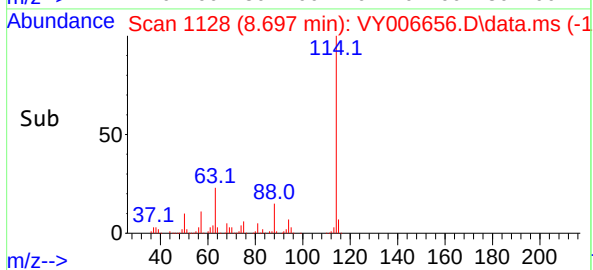
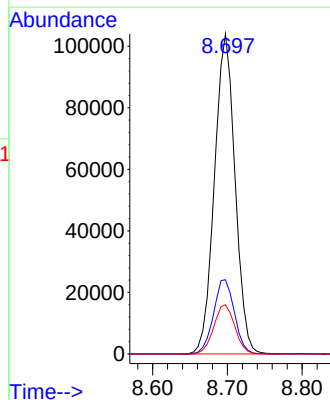
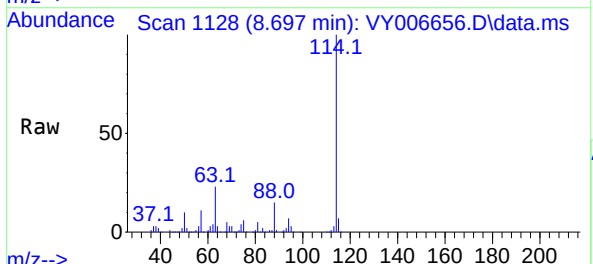
Tgt Ion: 114 Resp: 199162

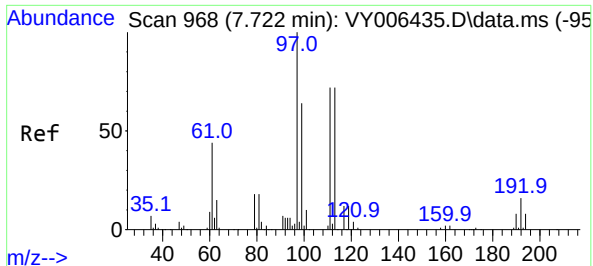
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 15.4 0.0 30.6

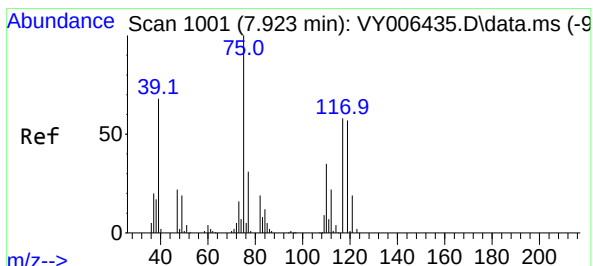
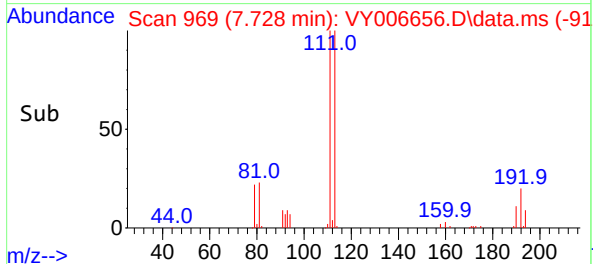
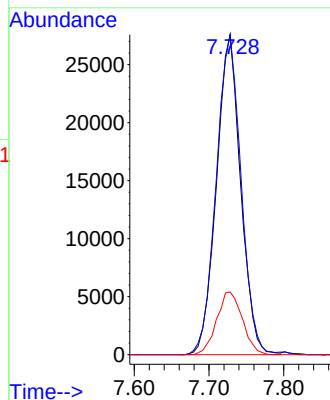
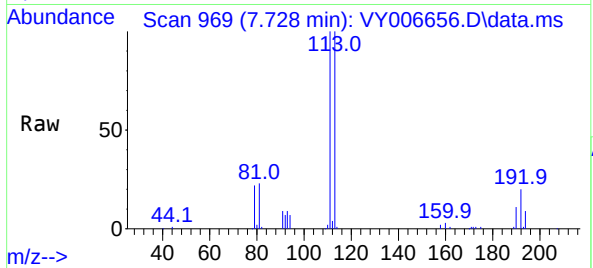




#35
Dibromofluoromethane
Concen: 55.919 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

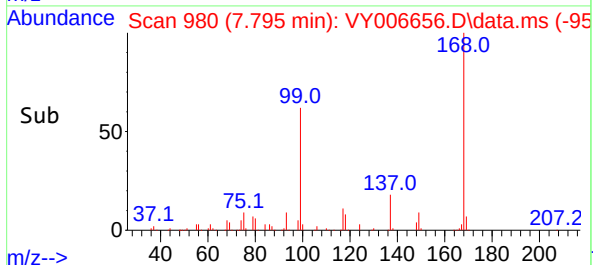
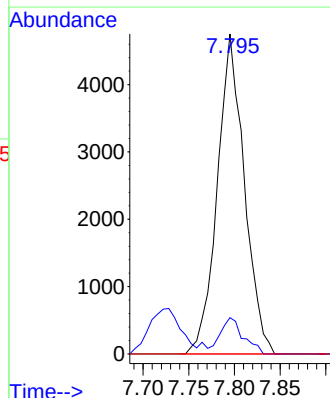
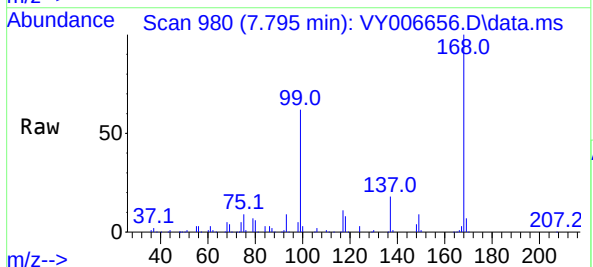
Instrument :
MSVOA_Y
ClientSampleId :

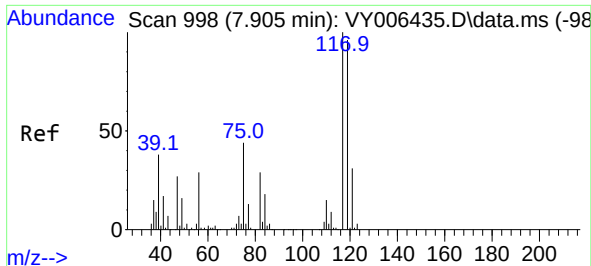
Tgt Ion:113 Resp: 62074
Ion Ratio Lower Upper
113 100
111 102.9 82.3 123.5
192 20.9 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.966 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

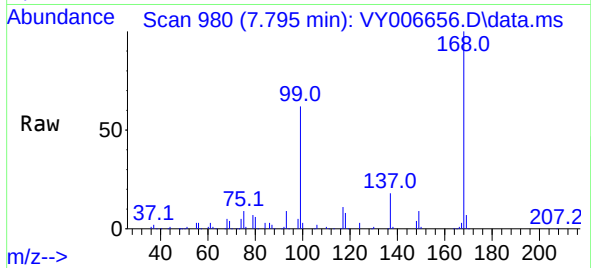
Tgt Ion: 75 Resp: 9772
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.3#
77 0.0 24.9 37.3#



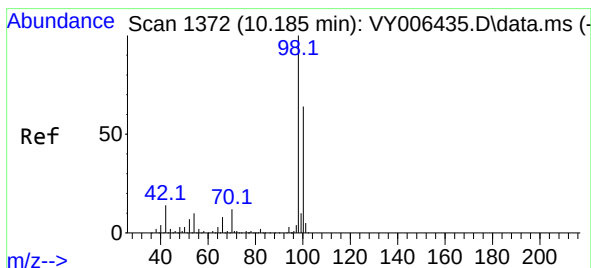
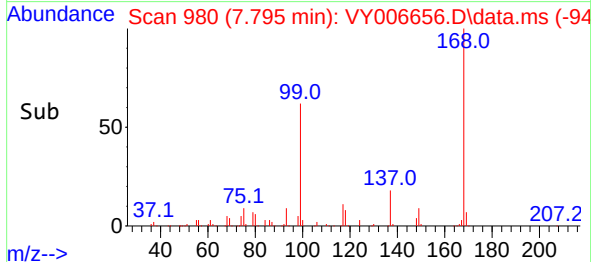
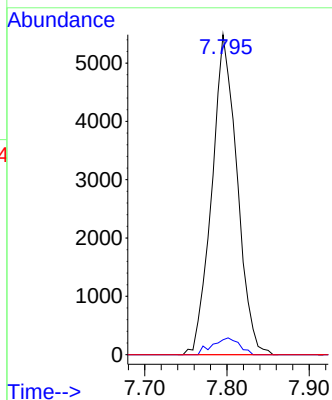


#38
Carbon Tetrachloride
Concen: 5.386 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

Instrument :
MSVOA_Y
ClientSampleId :

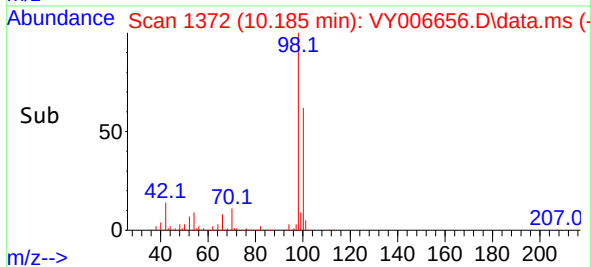
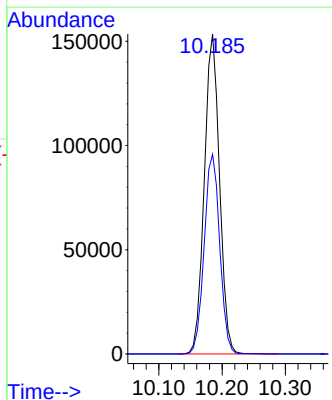
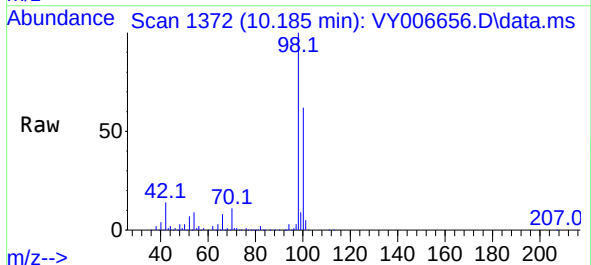


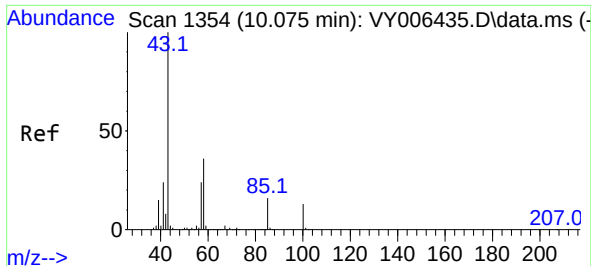
Tgt Ion:117 Resp: 11693
Ion Ratio Lower Upper
117 100
119 4.7 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.629 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

Tgt Ion: 98 Resp: 257071
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

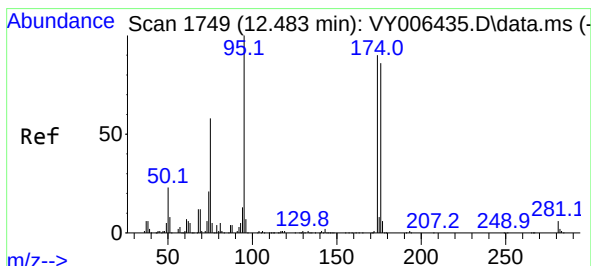
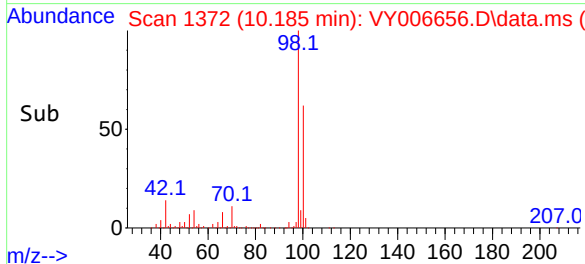
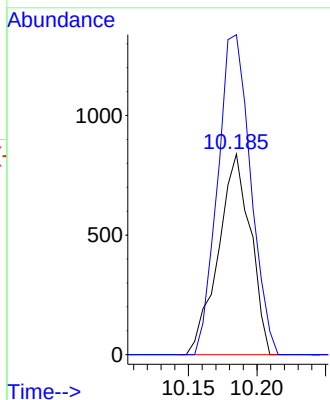
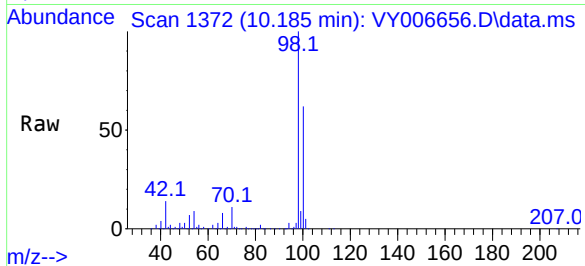




#51
4-Methyl-2-Pentanone
Concen: 1.087 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

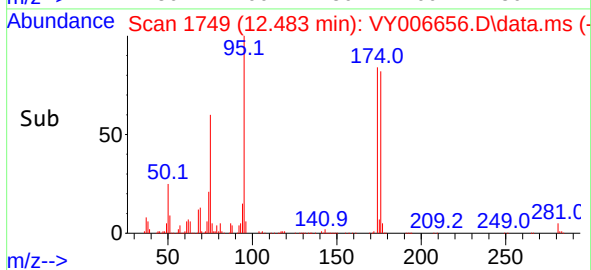
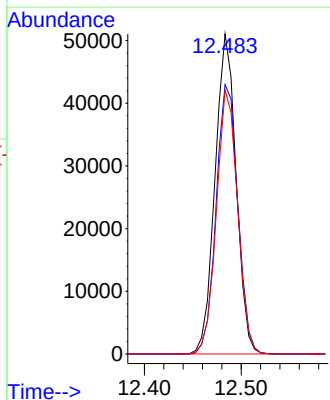
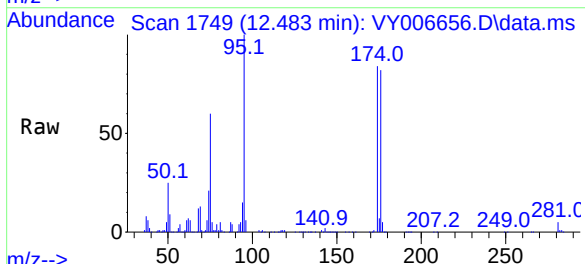
Instrument :
MSVOA_Y
ClientSampleId :

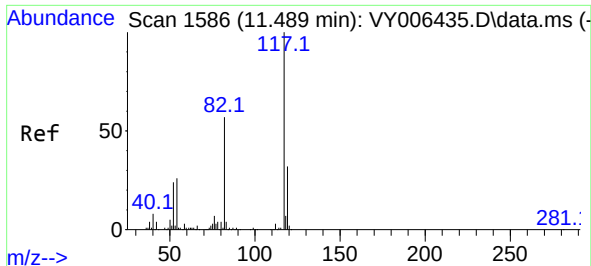
Tgt Ion: 43 Resp: 1377
Ion Ratio Lower Upper
43 100
58 162.6 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 48.596 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

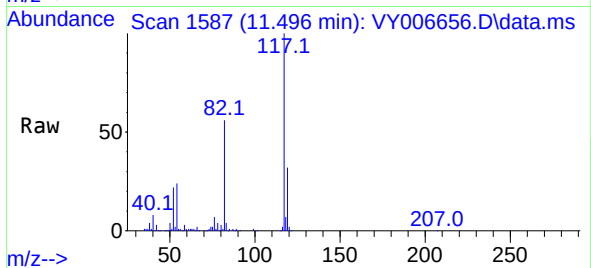
Tgt Ion: 95 Resp: 77033
Ion Ratio Lower Upper
95 100
174 86.5 0.0 177.0
176 82.9 0.0 169.4



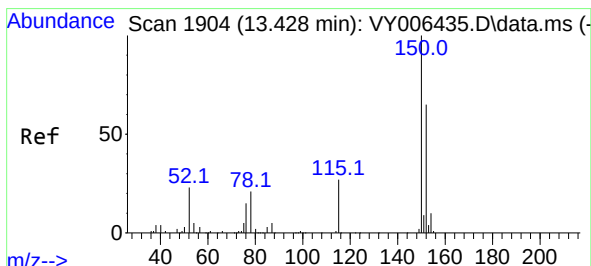
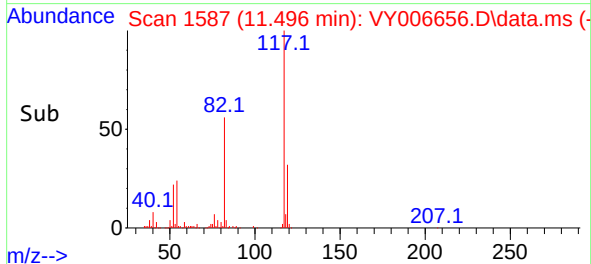
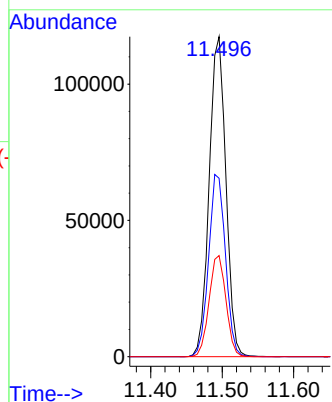


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

Instrument :
MSVOA_Y
ClientSampleId :

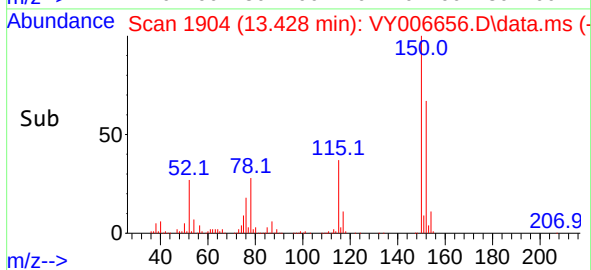
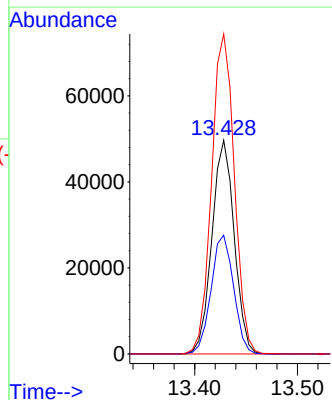
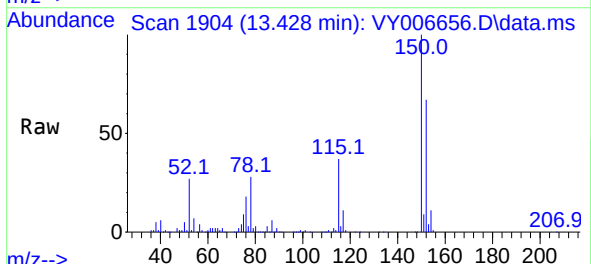


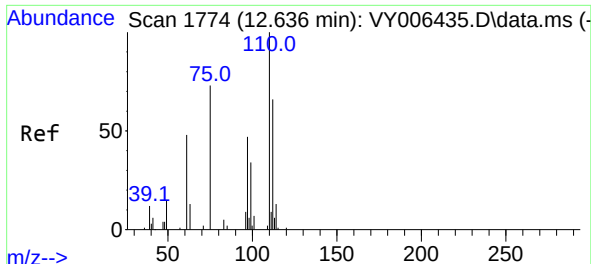
Tgt Ion:117 Resp: 190360
Ion Ratio Lower Upper
117 100
82 55.8 45.7 68.5
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

Tgt Ion:152 Resp: 74941
Ion Ratio Lower Upper
152 100
115 56.2 28.5 85.5
150 152.5 0.0 348.2

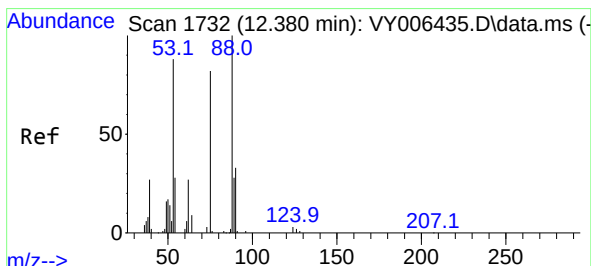
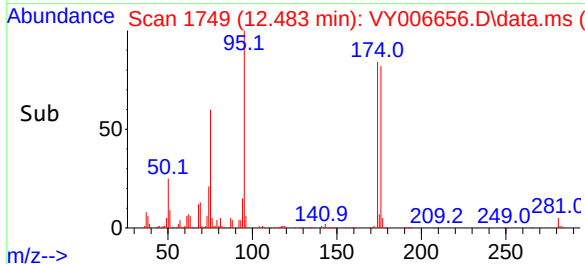
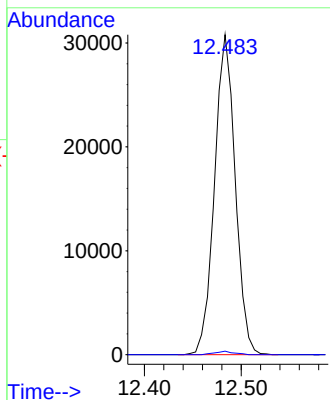
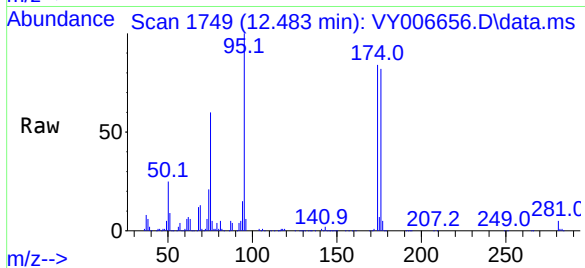




#76
1,2,3-Trichloropropane
Concen: 59.145 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45675
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.424 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

Tgt Ion: 75 Resp: 45675
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

