

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006491.D
 Acq On : 26 Oct 2021 19:09
 Operator : SY/MD
 Sample : M4340-01
 Misc : 4.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 05:27:32 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	127347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	205671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86870	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	102190	65.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.420%
35) Dibromofluoromethane	7.722	113	67320	55.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.180%
50) Toluene-d8	10.185	98	284171	54.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.720%
62) 4-Bromofluorobenzene	12.483	95	89537	51.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.620%

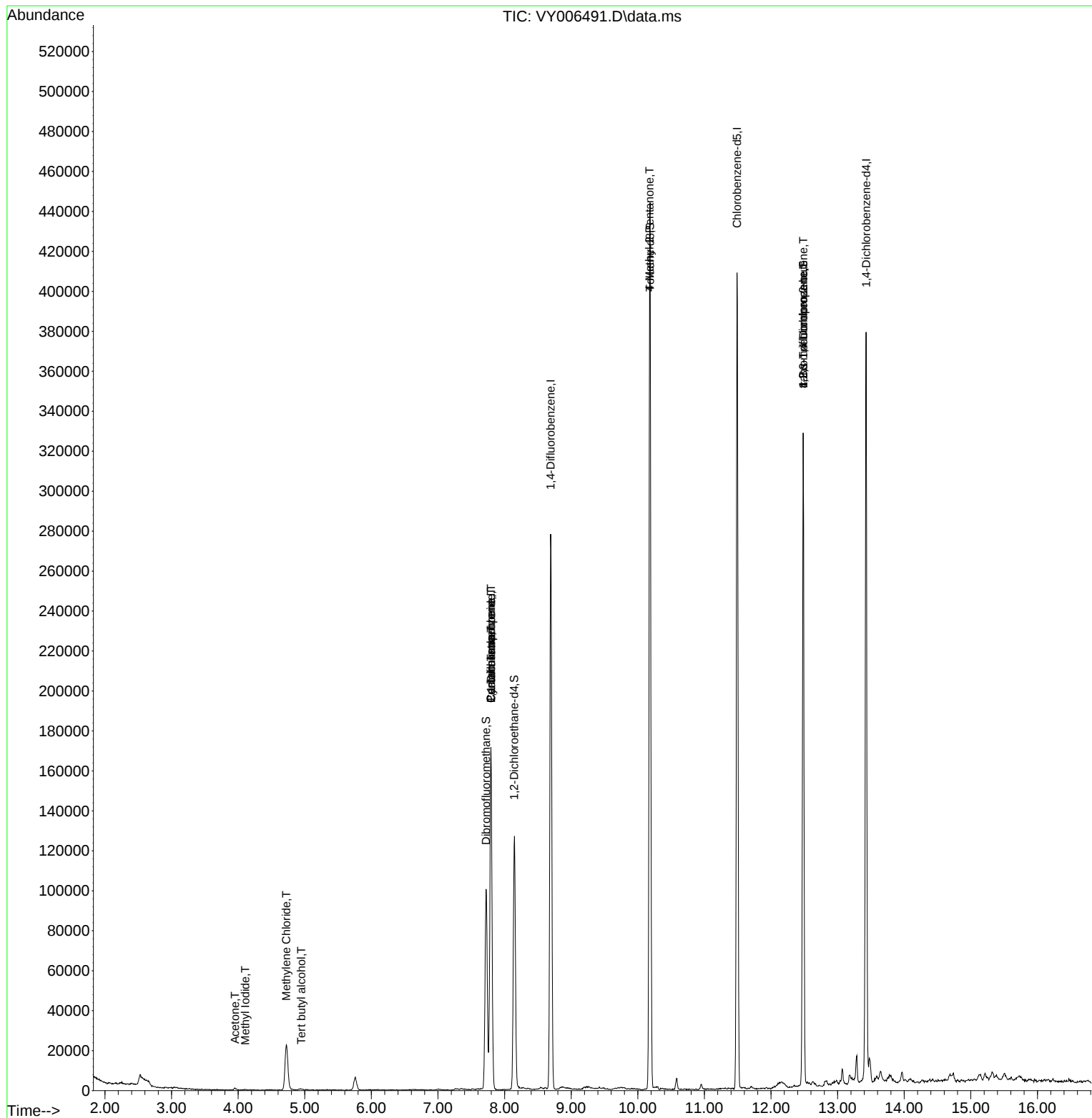
Target Compounds					Qvalue	
10) Methyl Iodide	4.107	142	478	5.402	ug/l #	83
11) Tert butyl alcohol	4.948	59	596	4.186	ug/l #	72
16) Acetone	3.954	43	1573	3.486	ug/l	98
20) Methylene Chloride	4.722	84	15557	7.698	ug/l	89
31) Cyclohexane	7.795	56	3322	1.309	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10742	4.959	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12839	5.373	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1449	1.039	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	52697	58.868	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52697	120.854	ug/l #	7

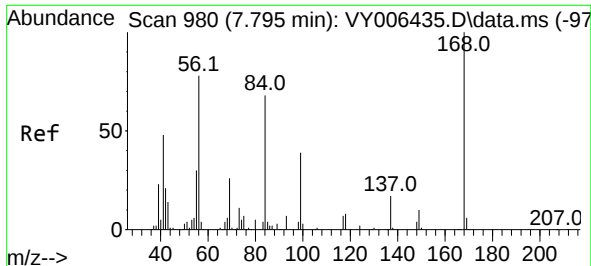
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
Data File : VY006491.D
Acq On : 26 Oct 2021 19:09
Operator : SY/MD
Sample : M4340-01
Misc : 4.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

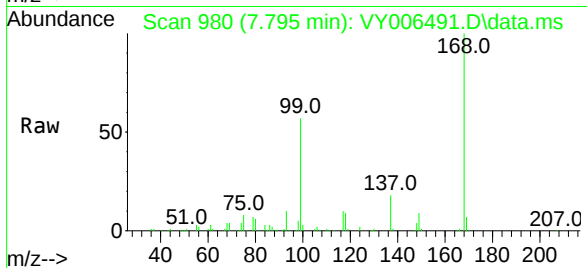
Quant Time: Oct 27 05:27:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration



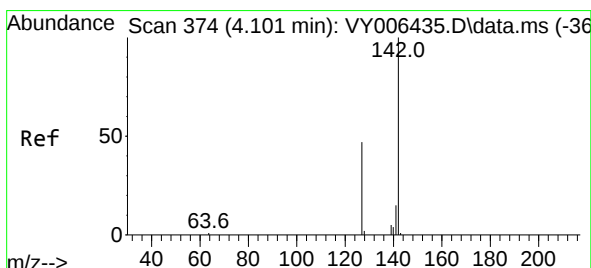
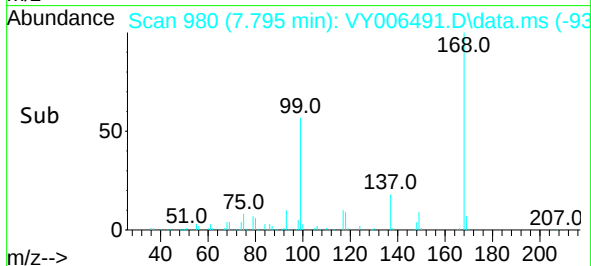
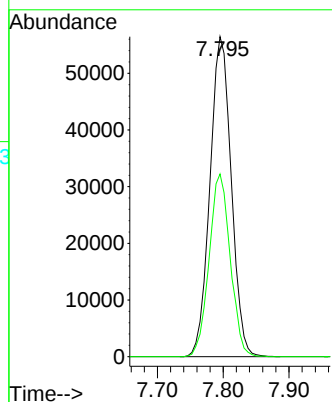


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

Instrument :
MSVOA_Y
ClientSampleId :

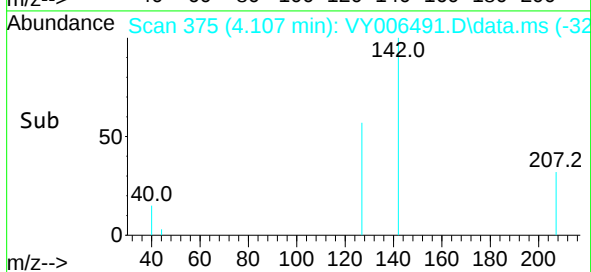
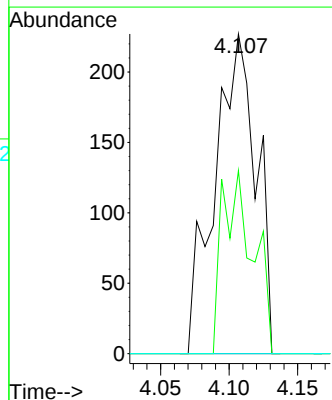
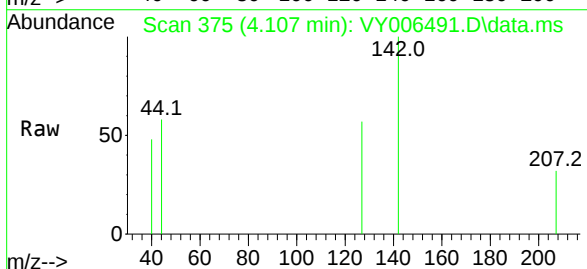


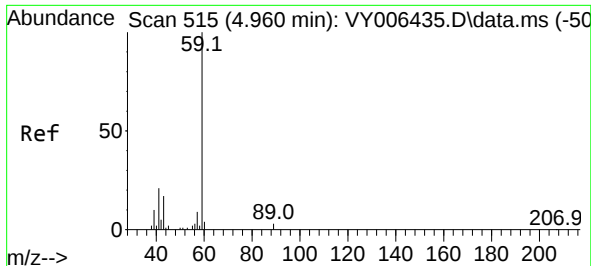
Tgt Ion:168 Resp: 127347
Ion Ratio Lower Upper
168 100
99 57.1 44.8 67.2



#10
Methyl Iodide
Concen: 5.402 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

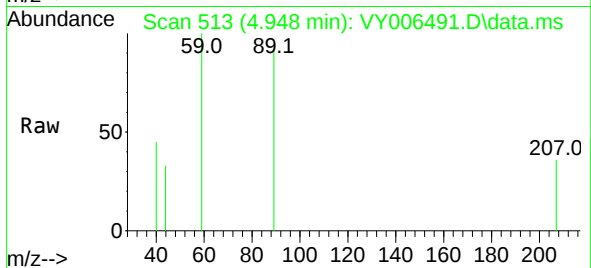
Tgt Ion:142 Resp: 478
Ion Ratio Lower Upper
142 100
127 42.5 40.1 60.1
141 0.0 12.5 18.7#



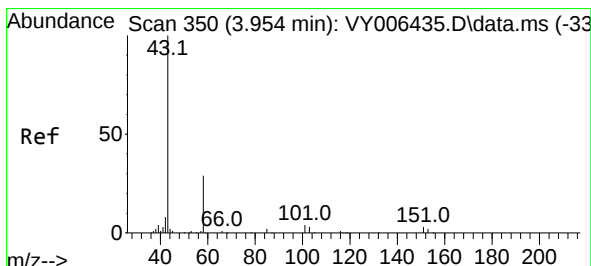
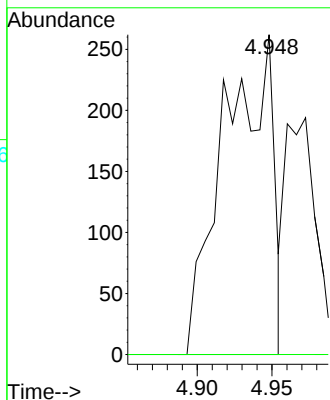
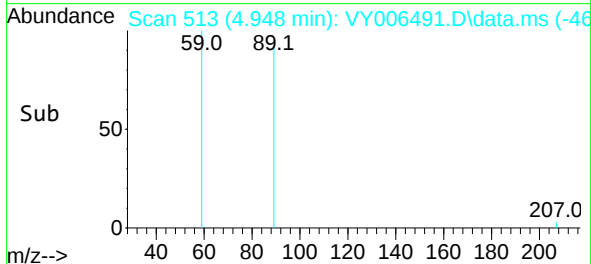


#11
Tert butyl alcohol
Concen: 4.186 ug/l
RT: 4.948 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

Instrument :
MSVOA_Y
ClientSampleId :

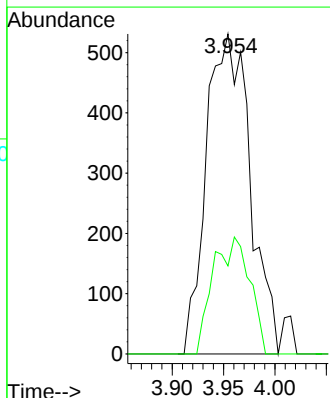
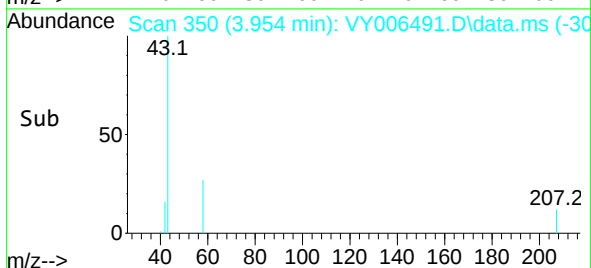
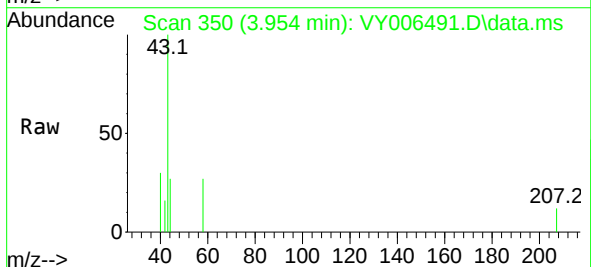


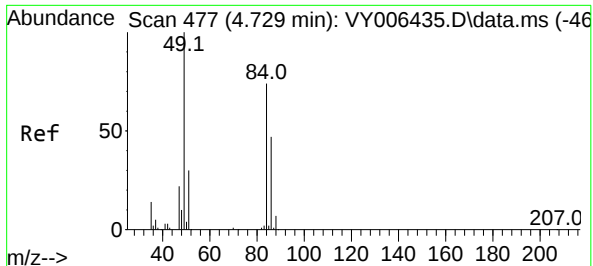
Tgt Ion: 59 Resp: 596
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 3.486 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

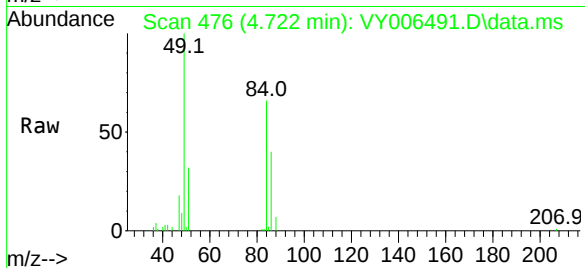
Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
58 27.5 22.9 34.3





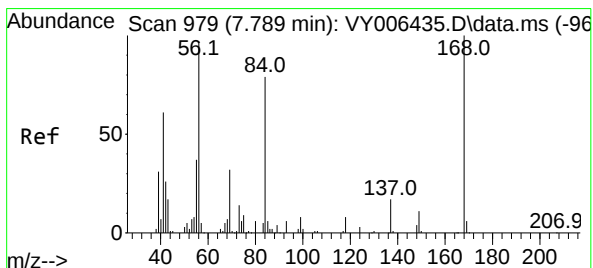
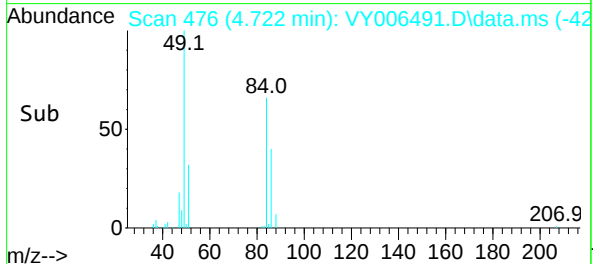
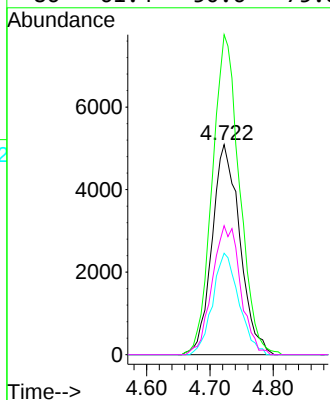
#20
Methylene Chloride
Concen: 7.698 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 15557

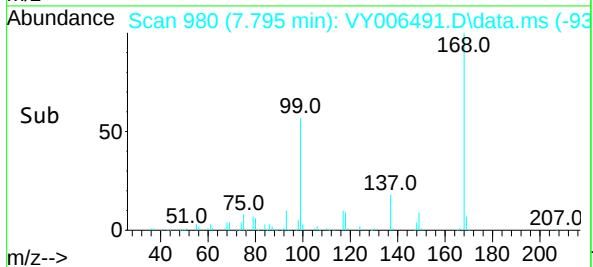
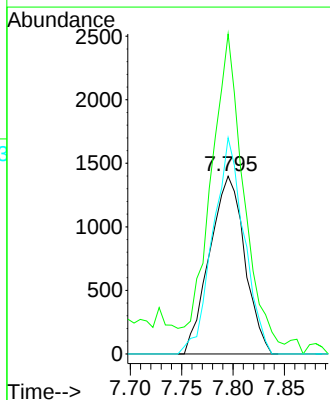
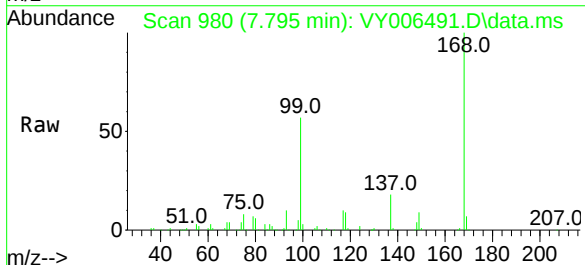
Ion	Ratio	Lower	Upper
84	100		
49	152.3	107.8	161.8
51	48.3	32.8	49.2
86	61.4	50.6	75.8

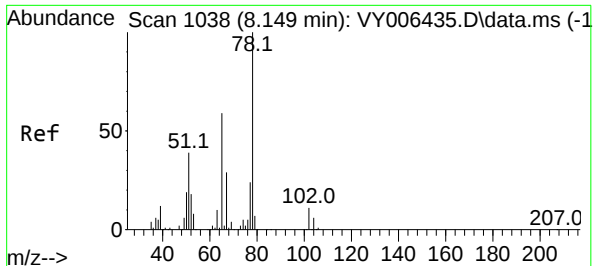


#31
Cyclohexane
Concen: 1.309 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

Tgt Ion: 56 Resp: 3322

Ion	Ratio	Lower	Upper
56	100		
69	173.3	26.6	40.0#
84	121.7	65.0	97.4#





#33

1,2-Dichloroethane-d4

Concen: 65.210 ug/l

RT: 8.143 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006491.D

Acq: 26 Oct 2021 19:09

Instrument :

MSVOA_Y

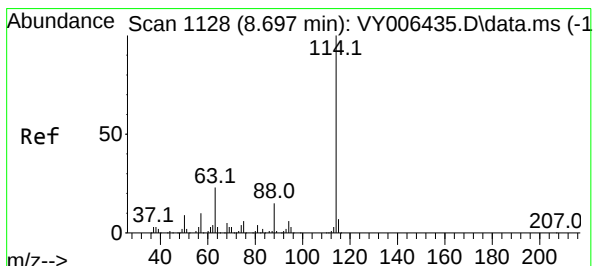
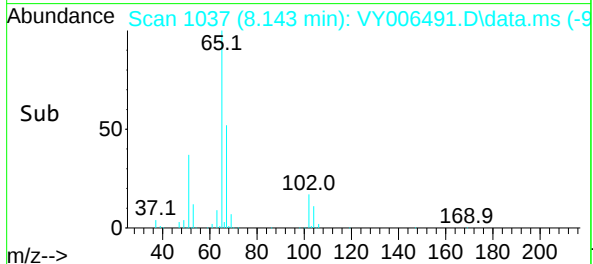
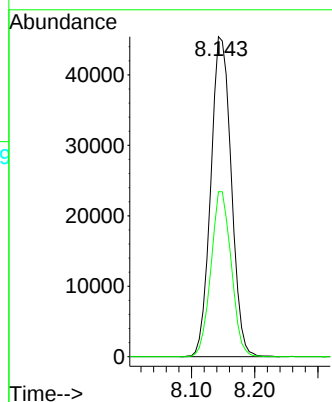
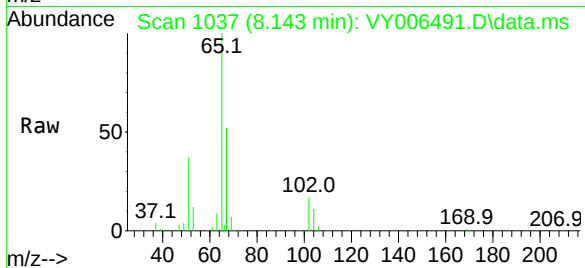
ClientSampleId :

Tgt Ion: 65 Resp: 102190

Ion Ratio Lower Upper

65 100

67 51.0 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006491.D

Acq: 26 Oct 2021 19:09

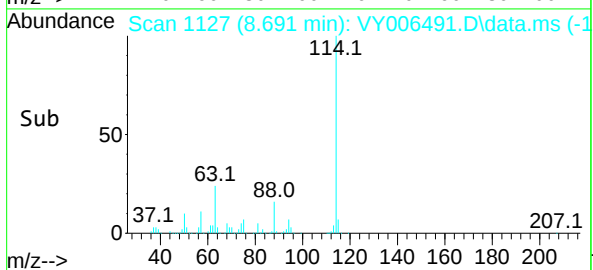
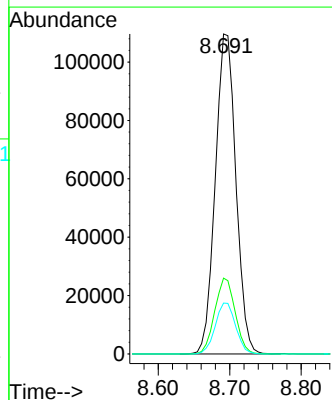
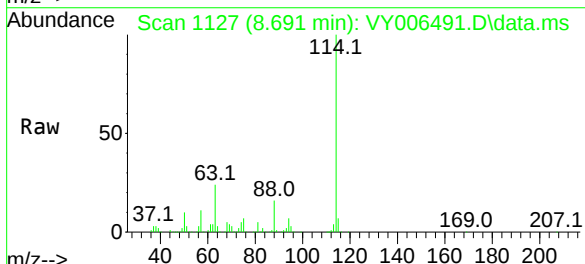
Tgt Ion: 114 Resp: 219239

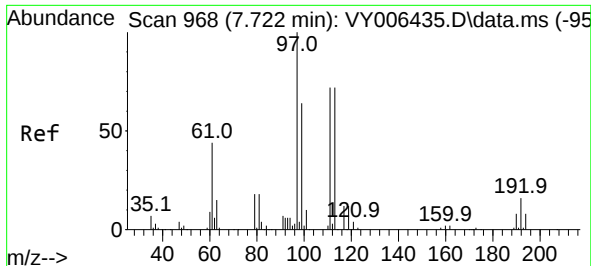
Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

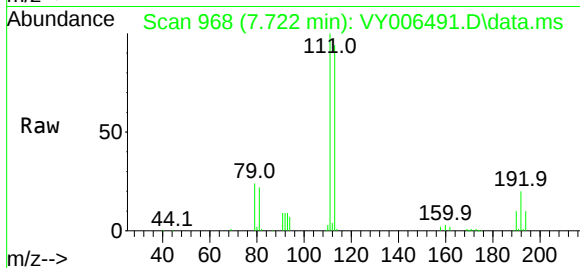
88 15.9 0.0 30.6



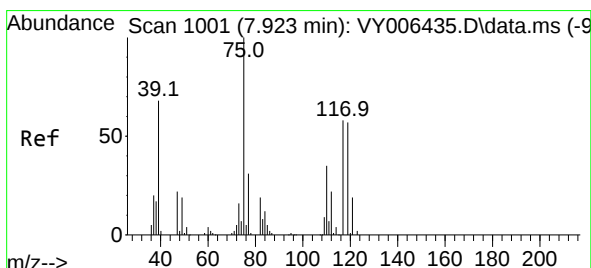
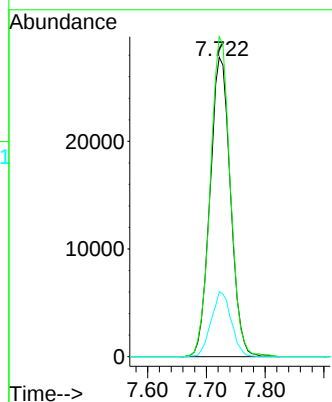
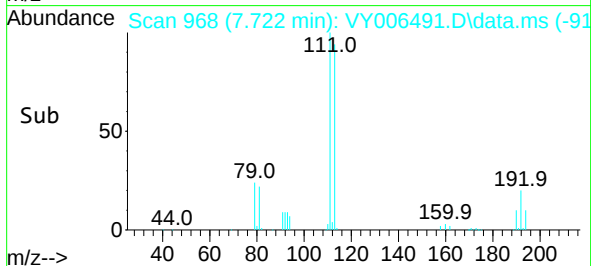


#35
Dibromofluoromethane
Concen: 55.091 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

Instrument :
MSVOA_Y
ClientSampleId :

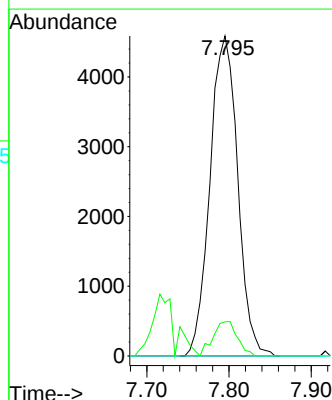
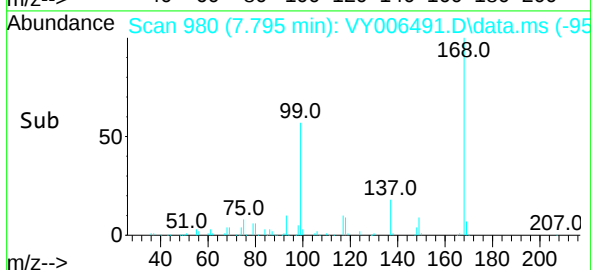
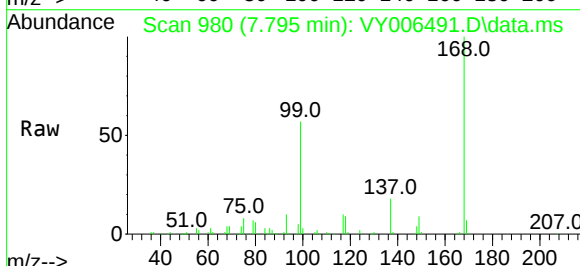


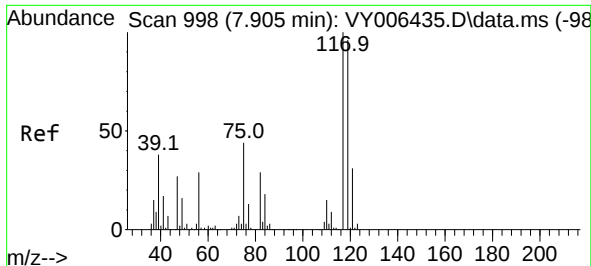
Tgt Ion:113 Resp: 67320
Ion Ratio Lower Upper
113 100
111 104.3 82.3 123.5
192 21.2 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.959 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

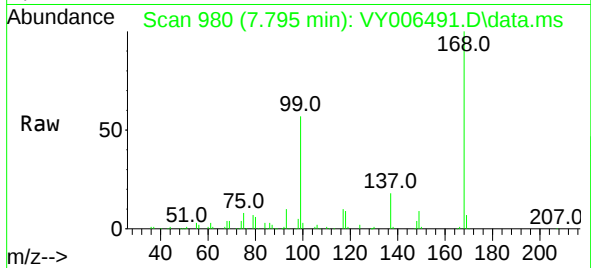
Tgt Ion: 75 Resp: 10742
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.3#
77 0.0 24.9 37.3#



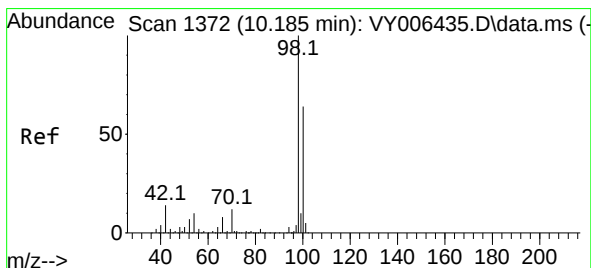
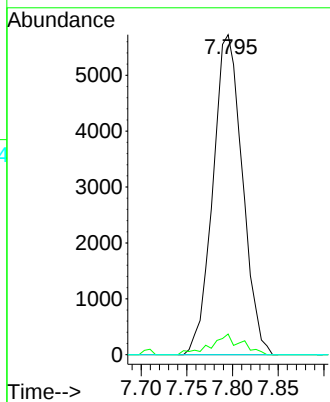
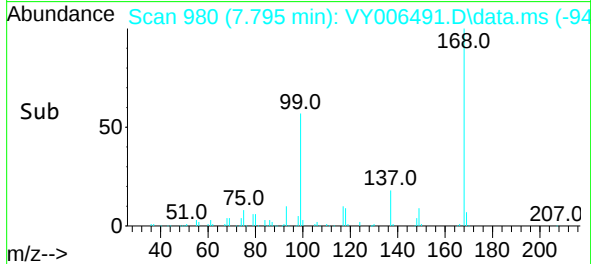


#38
Carbon Tetrachloride
Concen: 5.373 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

Instrument :
MSVOA_Y
ClientSampleId :

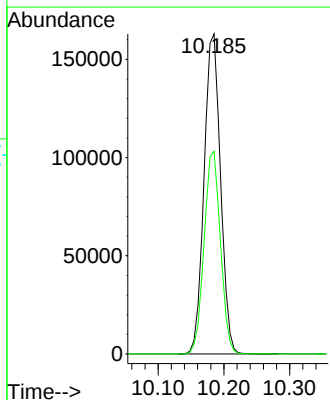
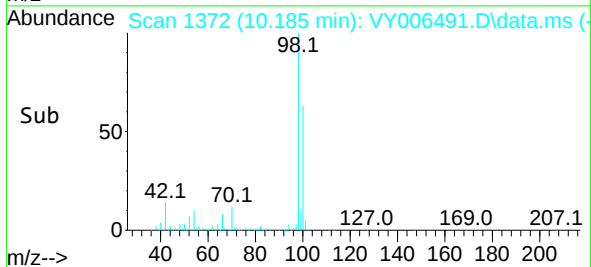
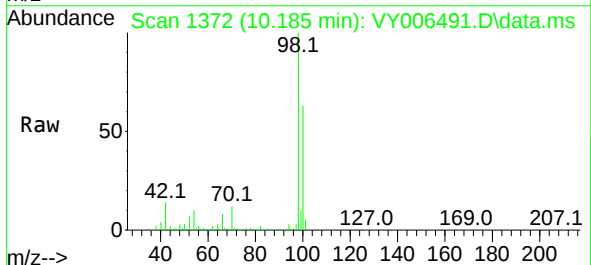


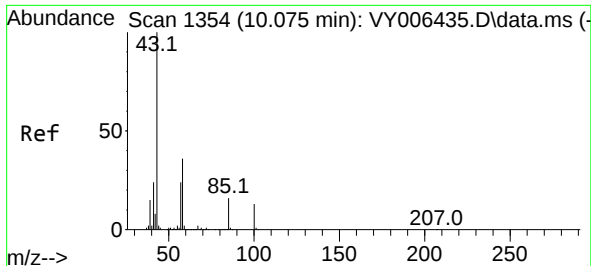
Tgt Ion:117 Resp: 12839
Ion Ratio Lower Upper
117 100
119 6.4 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.858 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

Tgt Ion: 98 Resp: 284171
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

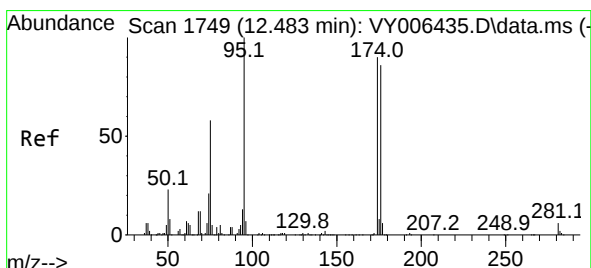
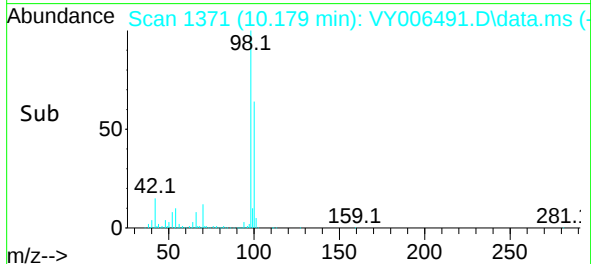
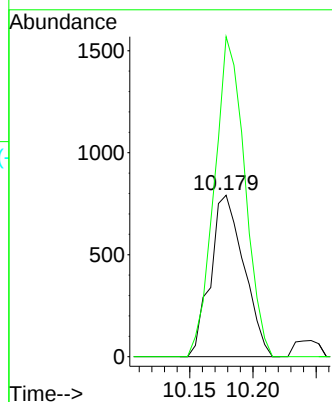
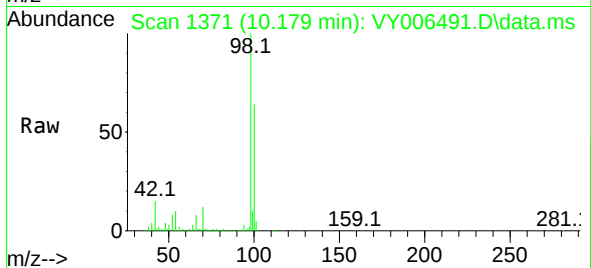




#51
4-Methyl-2-Pentanone
Concen: 1.039 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

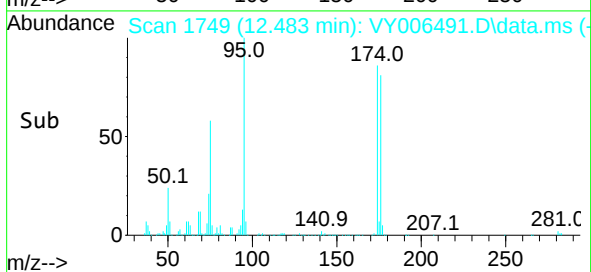
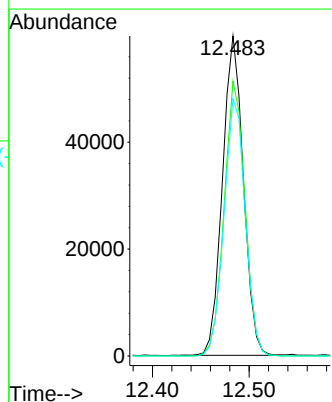
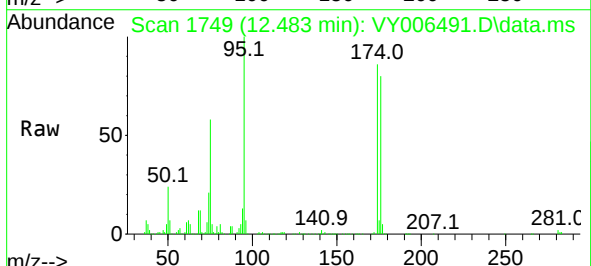
Instrument :
MSVOA_Y
ClientSampleId :

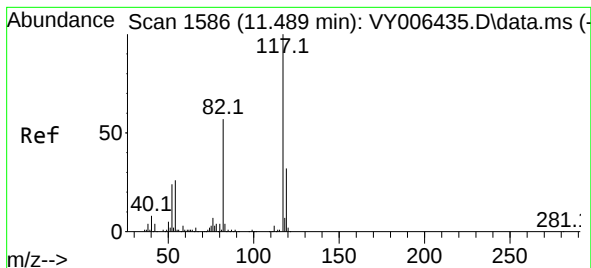
Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
58 181.2 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 51.311 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

Tgt Ion: 95 Resp: 89537
Ion Ratio Lower Upper
95 100
174 86.3 0.0 177.0
176 82.1 0.0 169.4

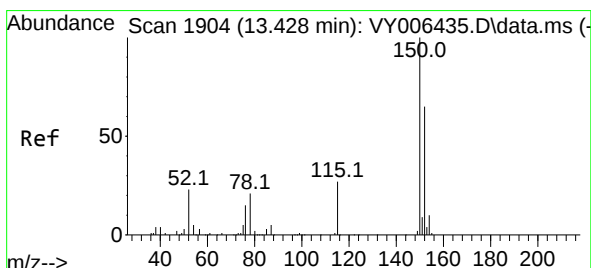
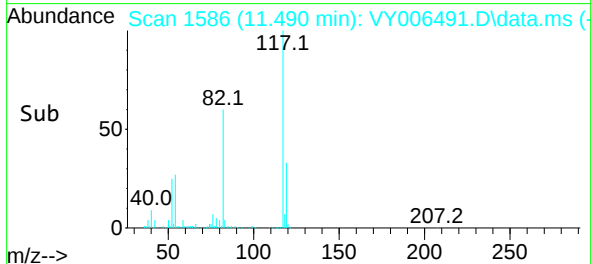
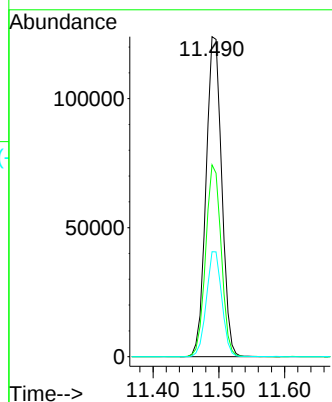
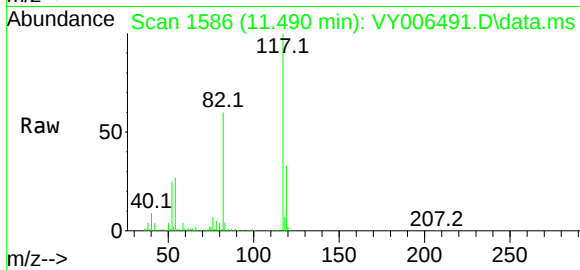




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

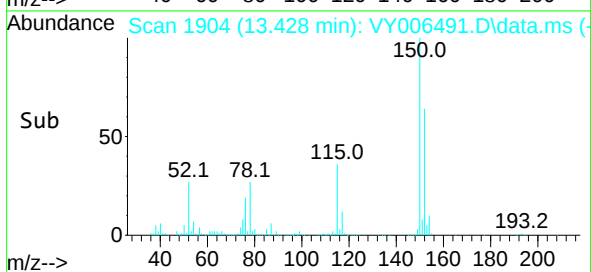
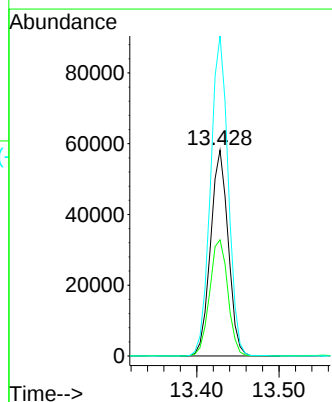
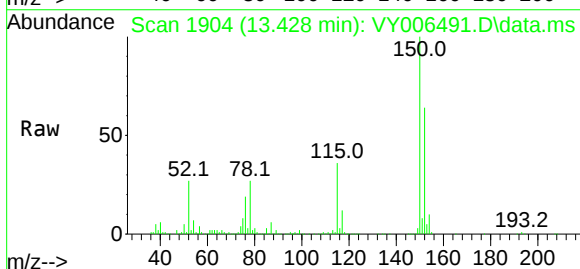
Instrument :
MSVOA_Y
ClientSampleId :

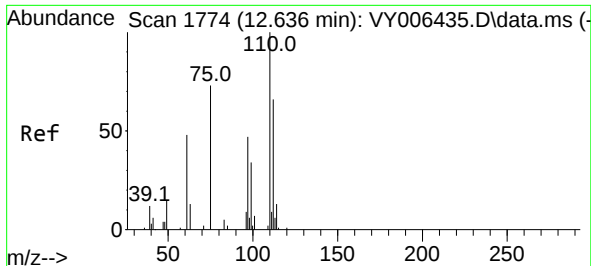
Tgt Ion:117 Resp: 205671
Ion Ratio Lower Upper
117 100
82 60.0 45.7 68.5
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

Tgt Ion:152 Resp: 86870
Ion Ratio Lower Upper
152 100
115 58.4 28.5 85.5
150 155.6 0.0 348.2

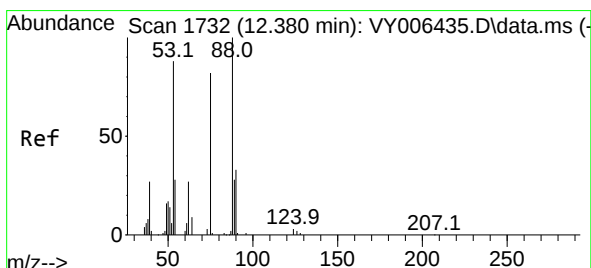
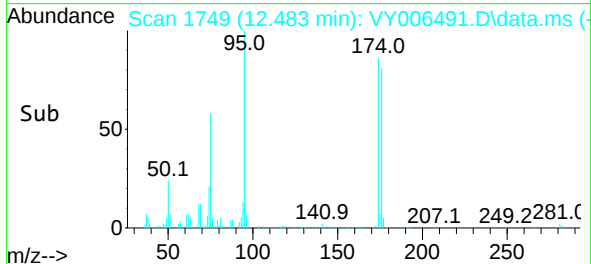
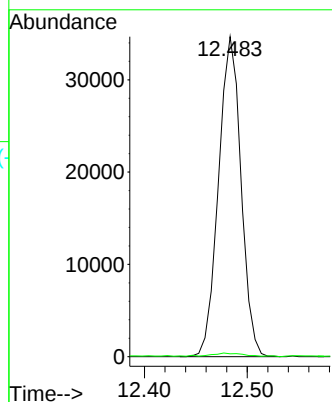
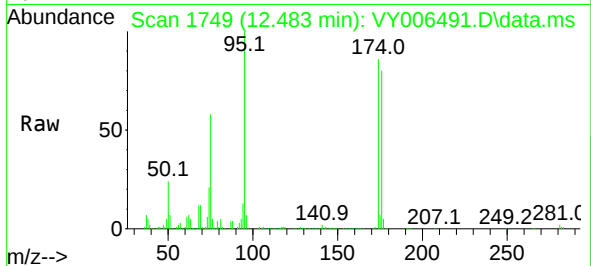




#76
1,2,3-Trichloropropane
Concen: 58.868 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 52697
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.854 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

Tgt Ion: 75 Resp: 52697
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.0 39.3 58.9#

