

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006838.D
 Acq On : 19 Nov 2021 18:18
 Operator : SY/MD
 Sample : M4762-05
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 03:20:55 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	3033	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	4921	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	4937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1296	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2699	67.898	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.800%
35) Dibromofluoromethane	7.728	113	1578	52.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.420%
50) Toluene-d8	10.185	98	6136	49.056	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.483	95	1647	39.058	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.120%

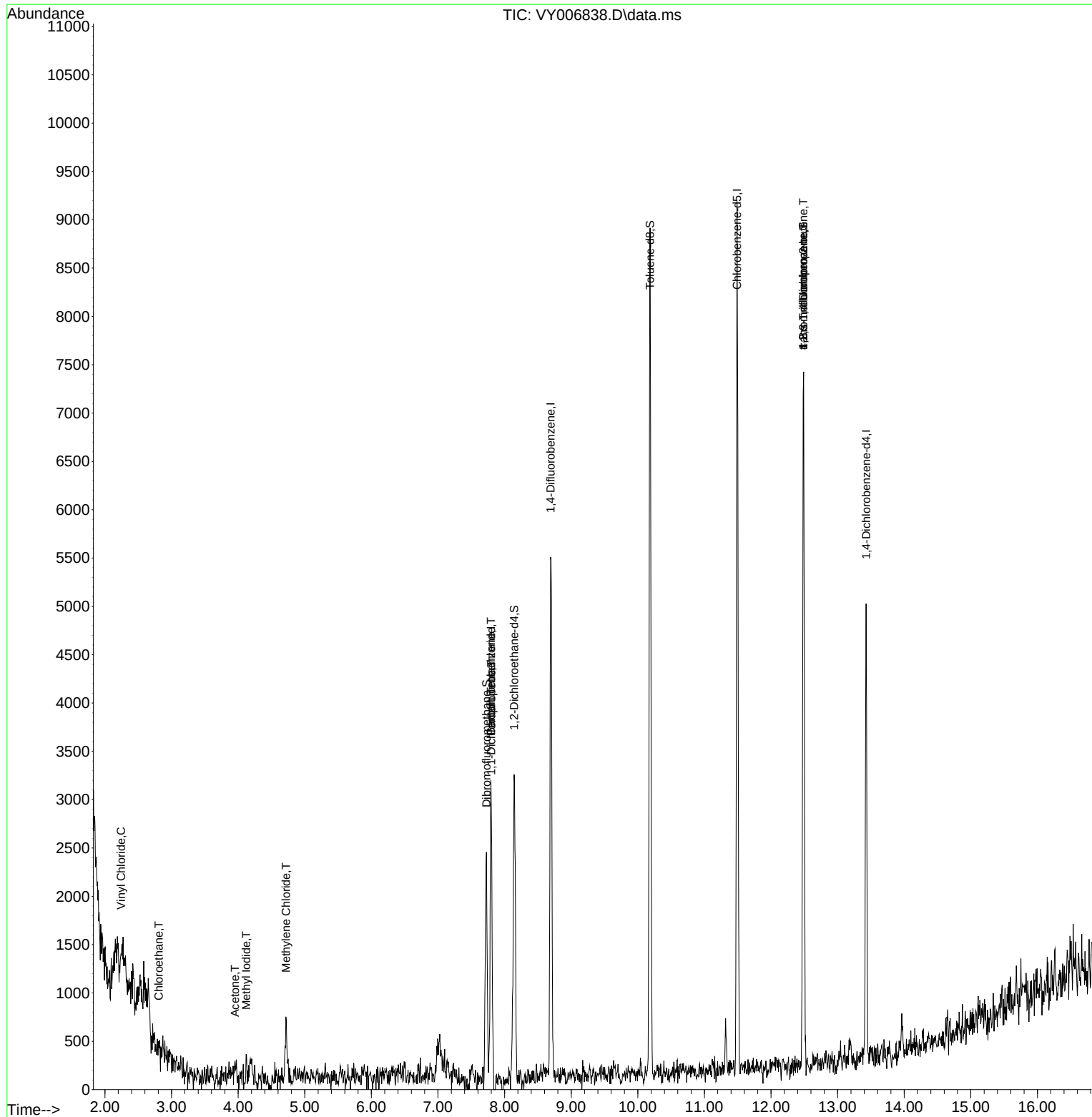
Target Compounds						Qvalue
4) Vinyl Chloride	2.241	62	83	1.866	ug/l	# 44
6) Chloroethane	2.808	64	76	2.792	ug/l	# 45
10) Methyl Iodide	4.119	142	84	2.269	ug/l	# 36
16) Acetone	3.954	43	355	29.394	ug/l	# 46
20) Methylene Chloride	4.716	84	284	4.781	ug/l	# 84
36) 1,1-Dichloropropene	7.801	75	61	1.140	ug/l	# 42
38) Carbon Tetrachloride	7.795	117	252	4.606	ug/l	# 12
76) 1,2,3-Trichloropropane	12.483	75	1104	78.351	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	1104	155.251	ug/l	# 7

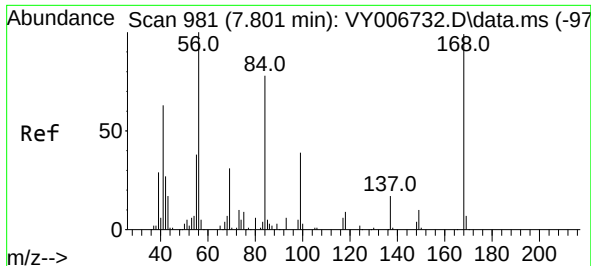
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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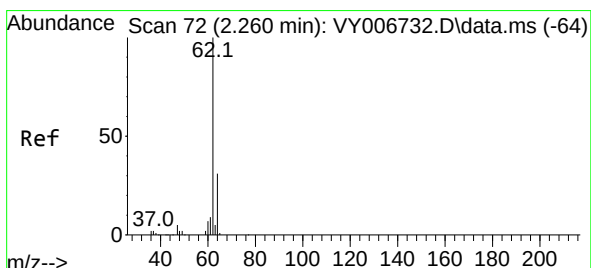
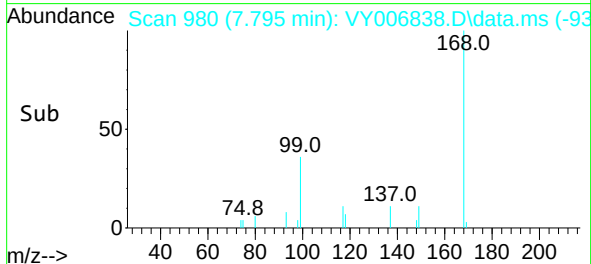
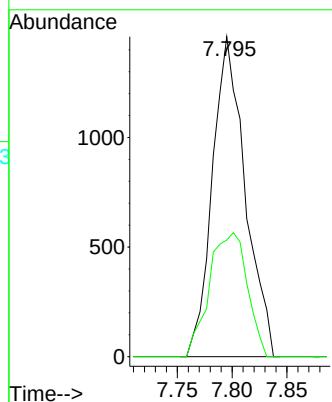
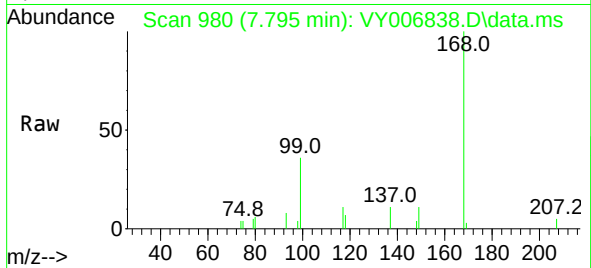




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006838.D
Acq: 19 Nov 2021 18:18

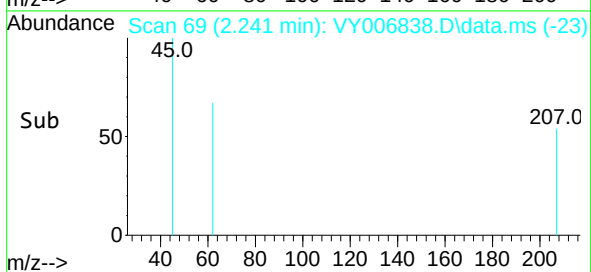
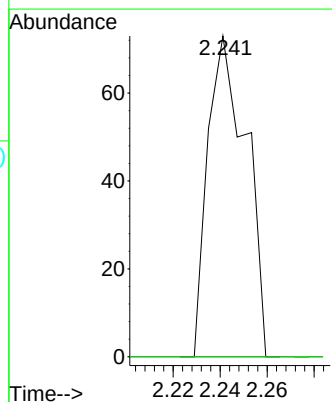
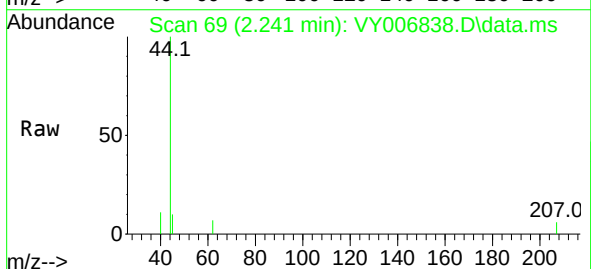
Instrument :
MSVOA_Y
ClientSampleId :

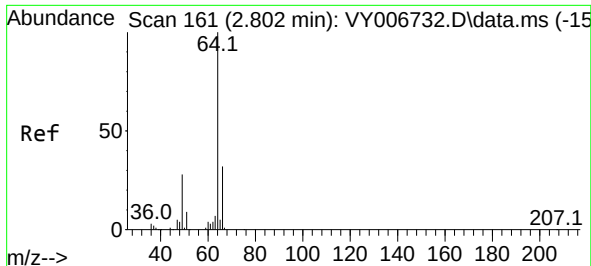
Tgt Ion:168 Resp: 3033
Ion Ratio Lower Upper
168 100
99 36.4 44.8 67.2#



#4
Vinyl Chloride
Concen: 1.866 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.018 min
Lab File: VY006838.D
Acq: 19 Nov 2021 18:18

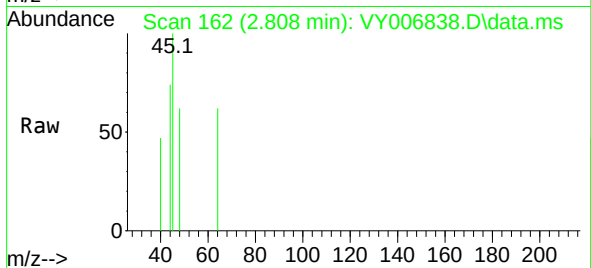
Tgt Ion: 62 Resp: 83
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#



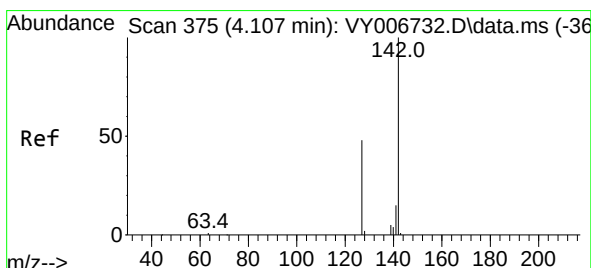
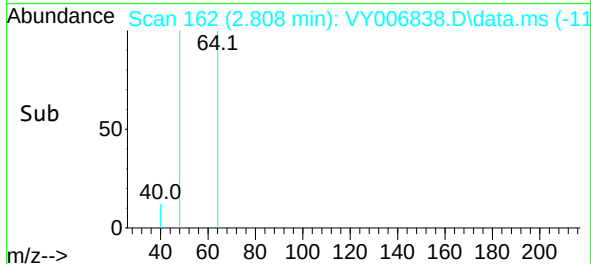
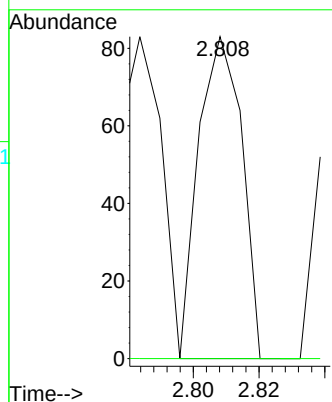


#6
Chloroethane
Concen: 2.792 ug/l
RT: 2.808 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006838.D
Acq: 19 Nov 2021 18:18

Instrument :
MSVOA_Y
ClientSampleId :

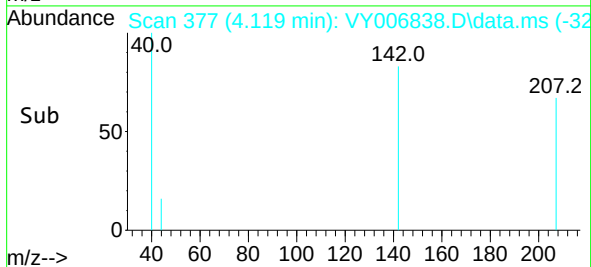
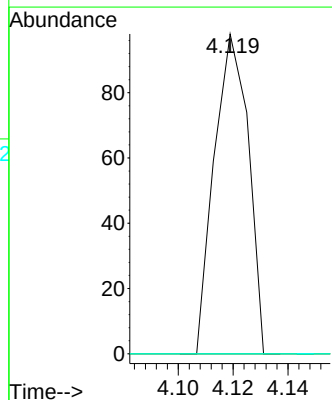
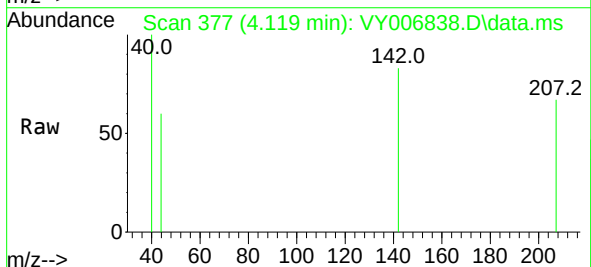


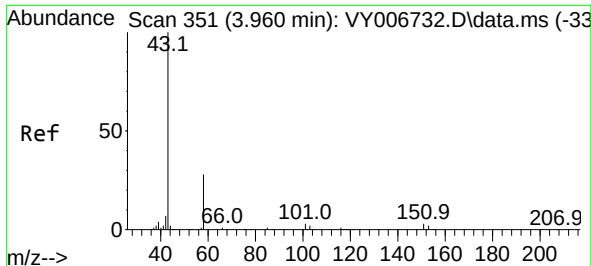
Tgt Ion: 64 Resp: 76
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#



#10
Methyl Iodide
Concen: 2.269 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY006838.D
Acq: 19 Nov 2021 18:18

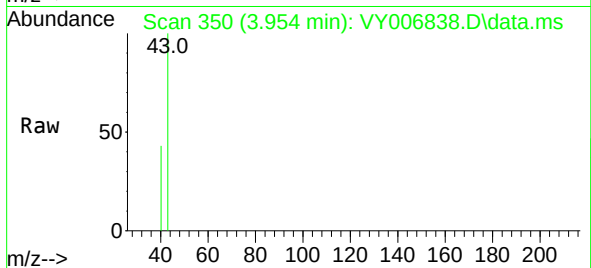
Tgt Ion:142 Resp: 84
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



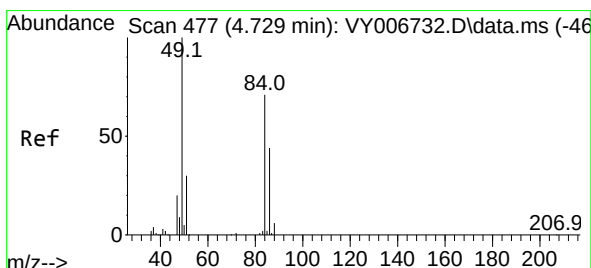
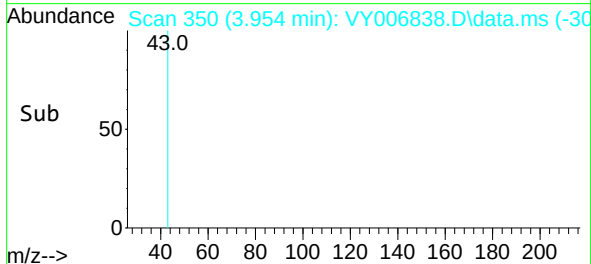
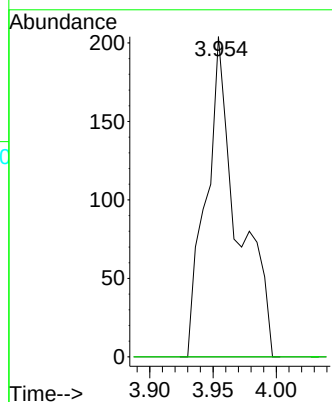


#16
Acetone
Concen: 29.394 ug/l
RT: 3.954 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY006838.D
Acq: 19 Nov 2021 18:18

Instrument :
MSVOA_Y
ClientSampleId :

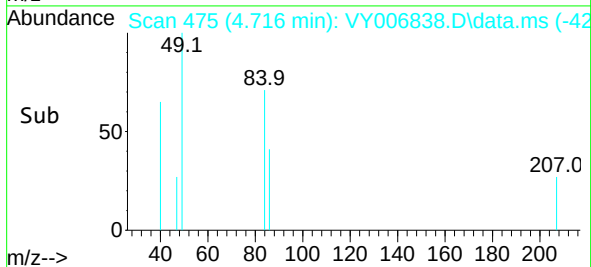
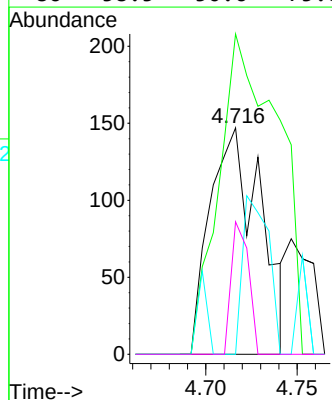
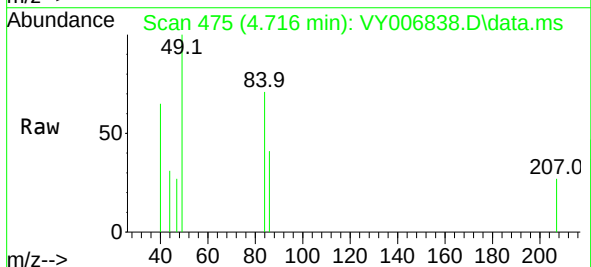


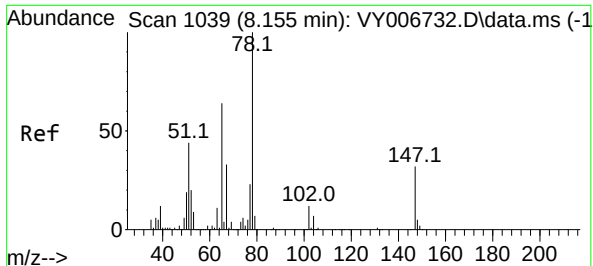
Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: 4.781 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY006838.D
Acq: 19 Nov 2021 18:18

Tgt Ion: 84 Resp: 284
Ion Ratio Lower Upper
84 100
49 141.5 107.8 161.8
51 0.0 32.8 49.2#
86 58.5 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 67.898 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY006838.D

Acq: 19 Nov 2021 18:18

Instrument :

MSVOA_Y

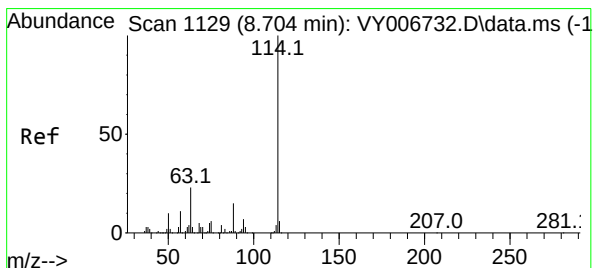
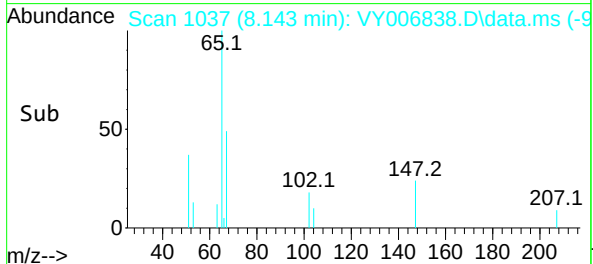
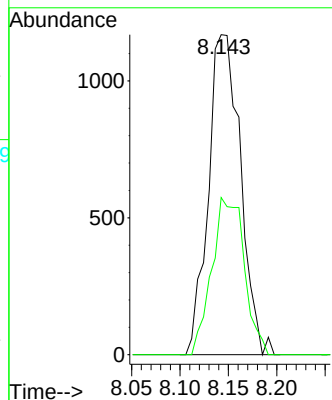
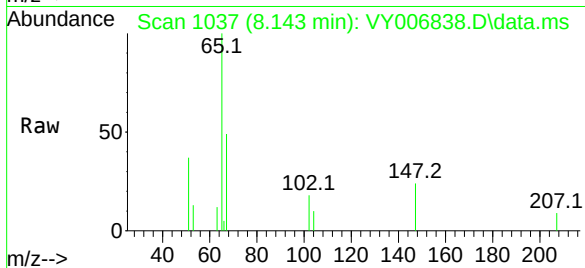
ClientSampleId :

Tgt Ion: 65 Resp: 2699

Ion Ratio Lower Upper

65 100

67 49.5 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY006838.D

Acq: 19 Nov 2021 18:18

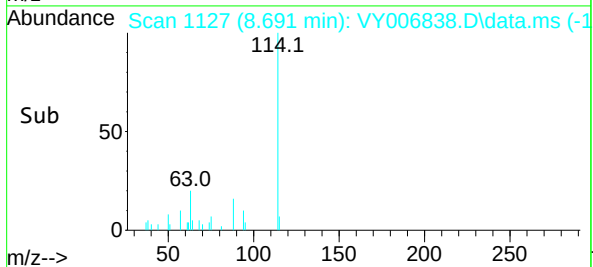
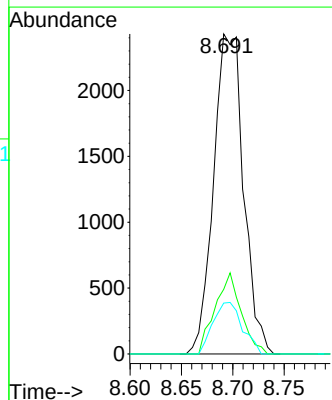
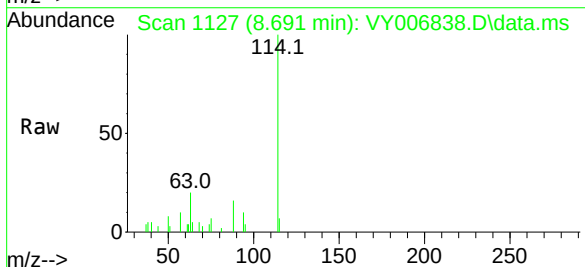
Tgt Ion: 114 Resp: 4921

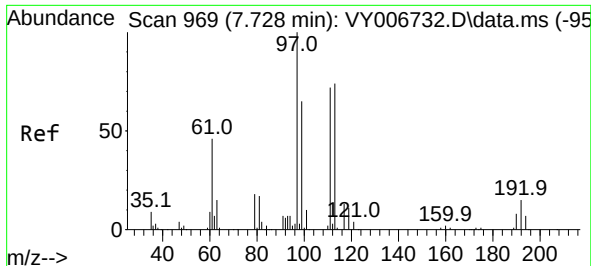
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

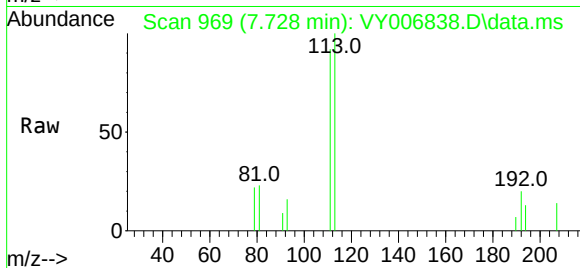
88 15.9 0.0 30.6



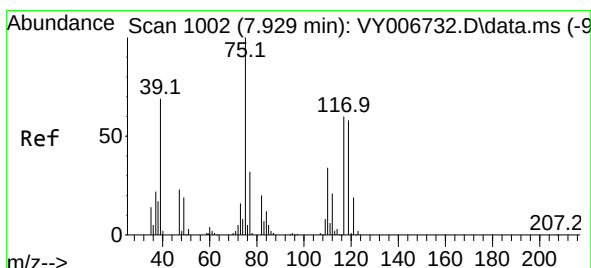
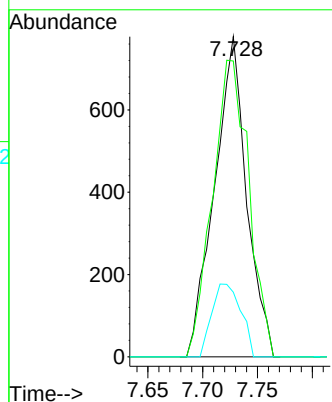
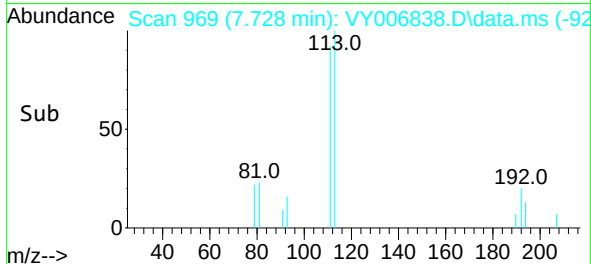


#35
Dibromofluoromethane
Concen: 52.205 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006838.D
Acq: 19 Nov 2021 18:18

Instrument :
MSVOA_Y
ClientSampleId :

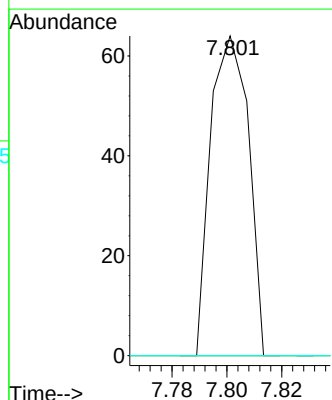
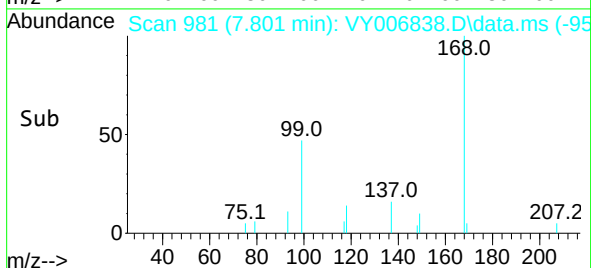
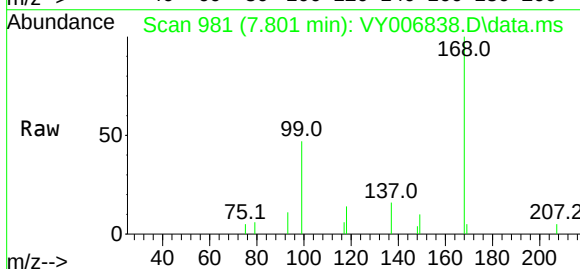


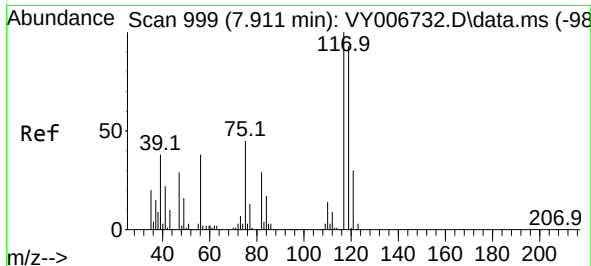
Tgt Ion:113 Resp: 1578
Ion Ratio Lower Upper
113 100
111 105.0 82.3 123.5
192 20.7 17.4 26.2



#36
1,1-Dichloropropene
Concen: 1.140 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY006838.D
Acq: 19 Nov 2021 18:18

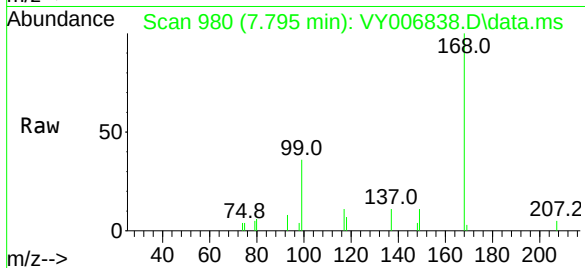
Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#



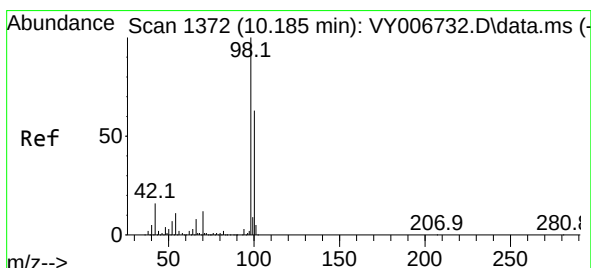
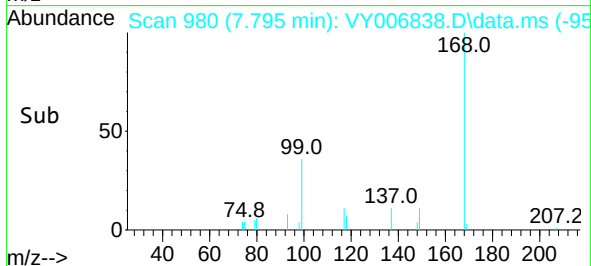
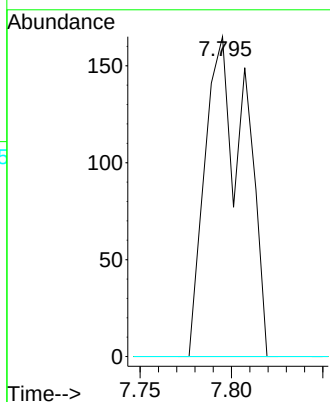


#38
Carbon Tetrachloride
Concen: 4.606 ug/l
RT: 7.795 min Scan# 911
Delta R.T. -0.116 min
Lab File: VY006838.D
Acq: 19 Nov 2021 18:18

Instrument :
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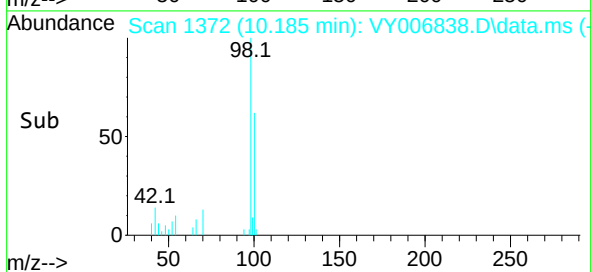
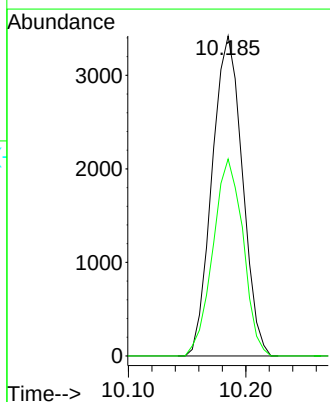
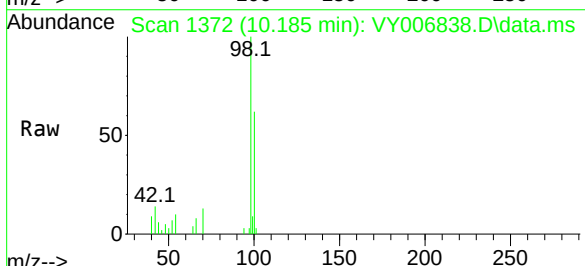


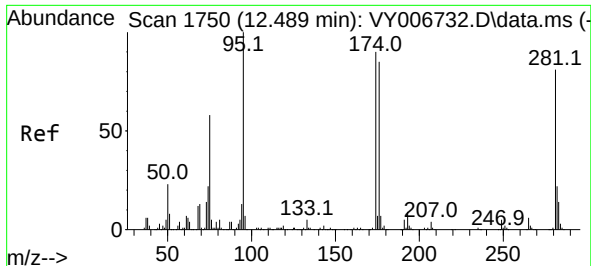
Tgt Ion:117 Resp: 252
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.056 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006838.D
Acq: 19 Nov 2021 18:18

Tgt Ion: 98 Resp: 6136
Ion Ratio Lower Upper
98 100
100 61.2 50.9 76.3

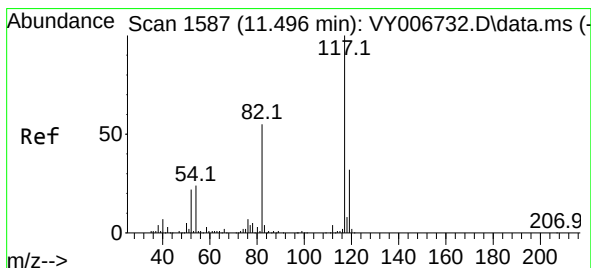
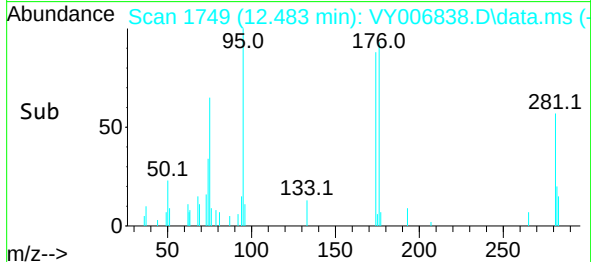
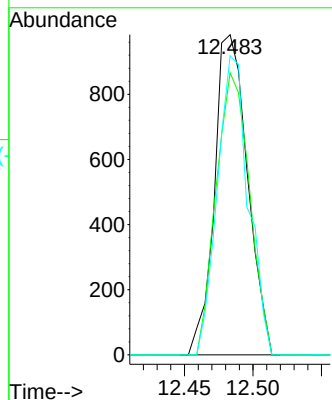
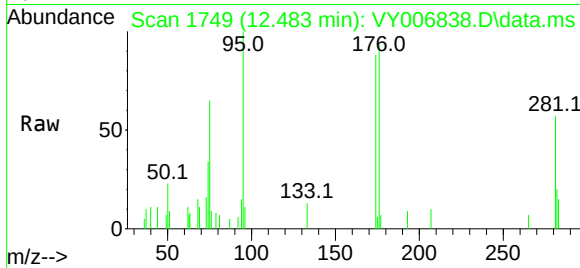




#62
4-Bromofluorobenzene
Concen: 39.058 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006838.D
Acq: 19 Nov 2021 18:18

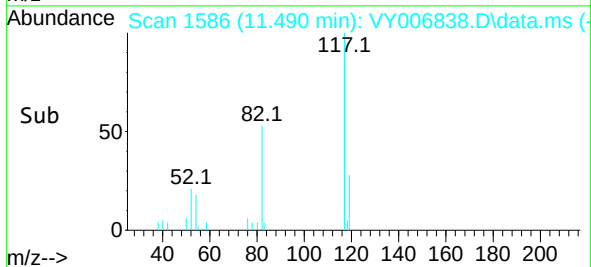
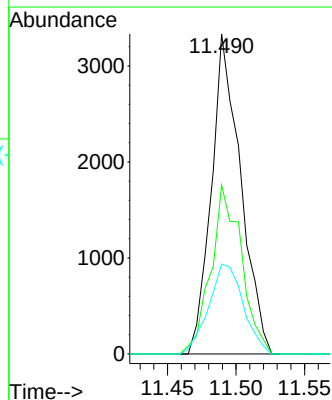
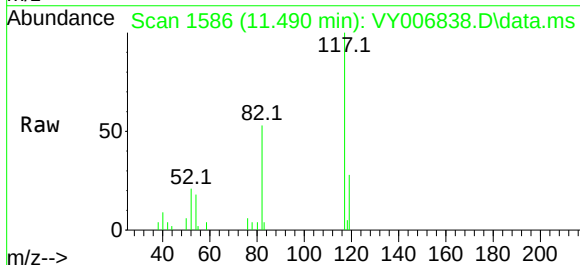
Instrument :
MSVOA_Y
ClientSampleId :

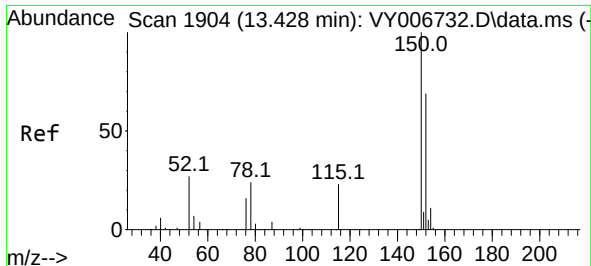
Tgt Ion: 95 Resp: 1647
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.0
176 87.9 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006838.D
Acq: 19 Nov 2021 18:18

Tgt Ion: 117 Resp: 4937
Ion Ratio Lower Upper
117 100
82 52.7 45.7 68.5
119 28.1 25.5 38.3

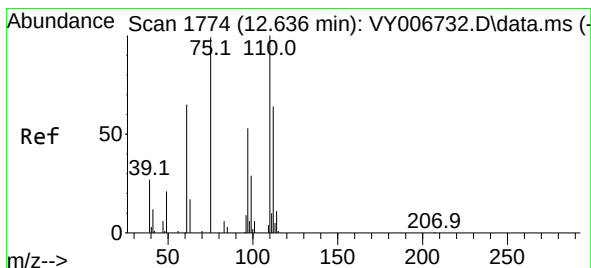
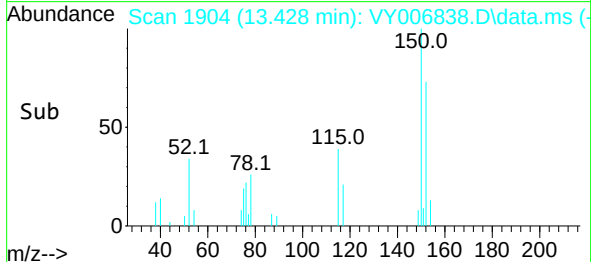
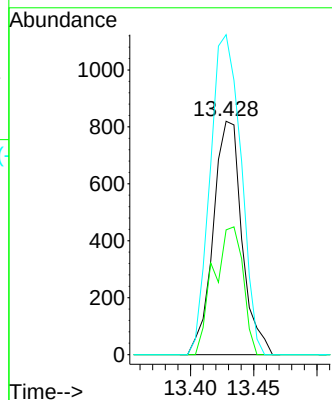
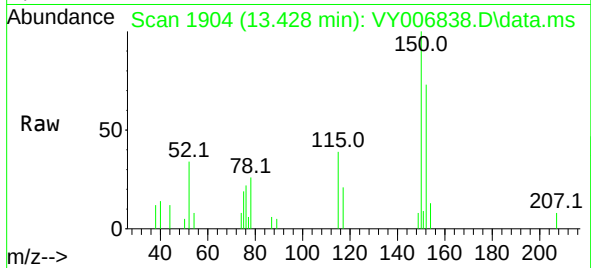




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006838.D
 Acq: 19 Nov 2021 18:18

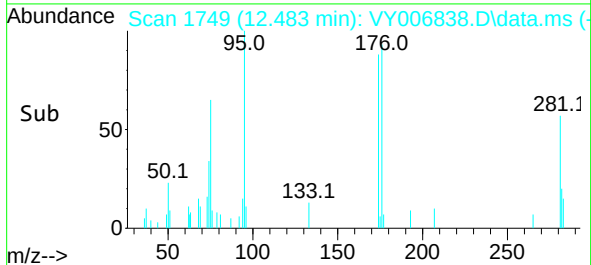
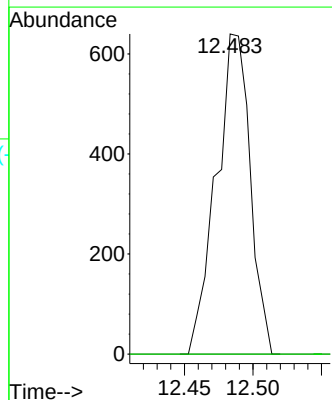
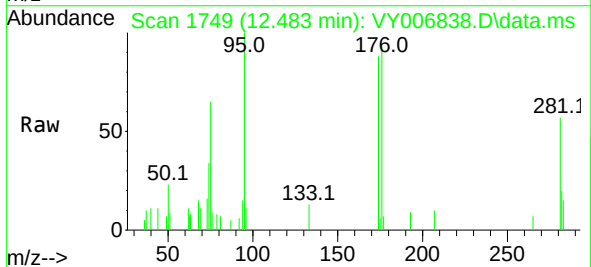
Instrument :
 MSVOA_Y
 ClientSampleId :

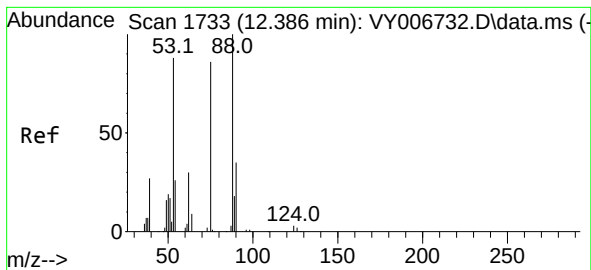
Tgt Ion:152 Resp: 1296
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.5 85.5
 150 147.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 78.351 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006838.D
 Acq: 19 Nov 2021 18:18

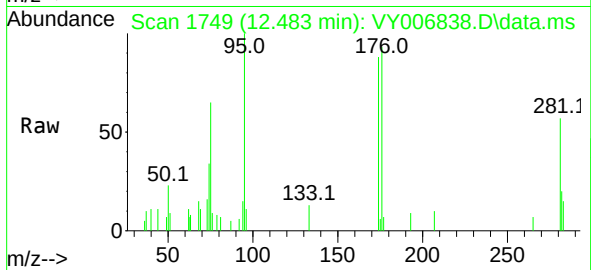
Tgt Ion: 75 Resp: 1104
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 155.251 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY006838.D
Acq: 19 Nov 2021 18:18

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 1104
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

