

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006687.D
 Acq On : 08 Nov 2021 17:54
 Operator : SY/MD
 Sample : M4540-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 13:06:51 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)

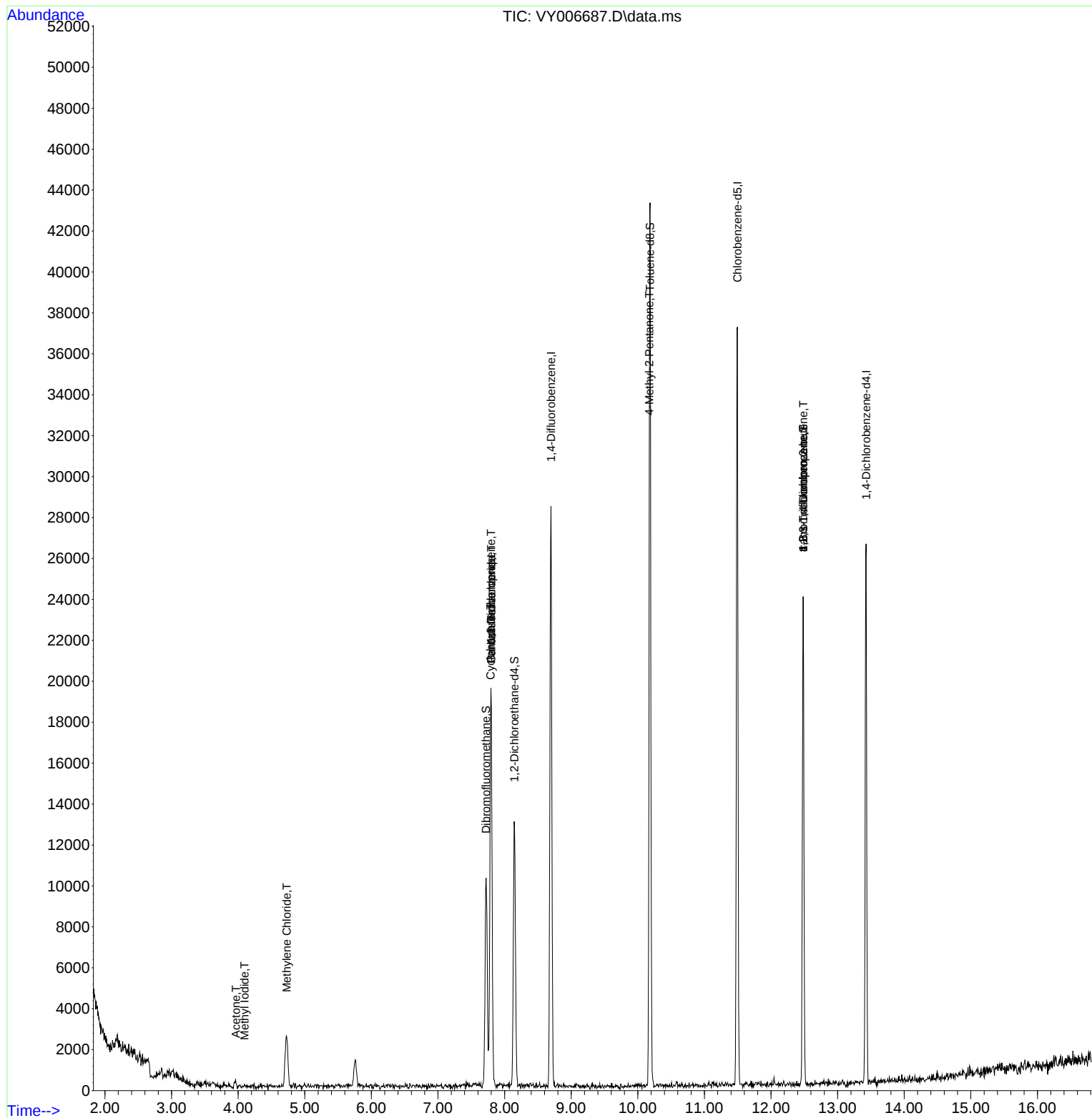
Internal Standards						
1) Pentafluorobenzene	7.801	168	14826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	22661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	18875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10572	57.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.900%
35) Dibromofluoromethane	7.722	113	6711	53.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.260%
50) Toluene-d8	10.185	98	27532	51.420	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.840%
62) 4-Bromofluorobenzene	12.483	95	6878	38.134	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.260%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	73	5.509	ug/l #	36
16) Acetone	3.966	43	313	5.958	ug/l #	46
20) Methylene Chloride	4.729	84	1695	6.923	ug/l	99
31) Cyclohexane	7.789	56	407	1.378	ug/l #	40
36) 1,1-Dichloropropene	7.795	75	1209	5.400	ug/l #	45
38) Carbon Tetrachloride	7.801	117	1534	6.210	ug/l #	12
51) 4-Methyl-2-Pentanone	10.173	43	167	1.159	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	3897	57.239	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3897	117.509	ug/l #	7

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
Data File : VY006687.D
Acq On : 08 Nov 2021 17:54
Operator : SY/MD
Sample : M4540-01
Misc : 5.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

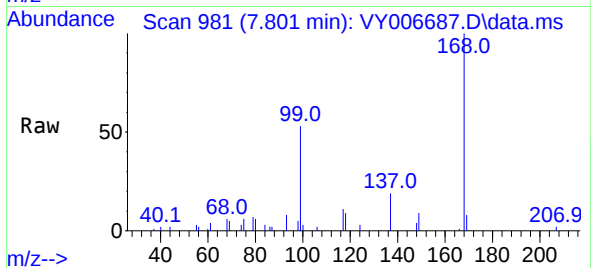
Quant Time: Nov 09 13:06:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration



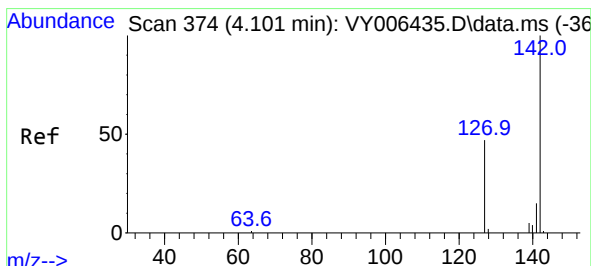
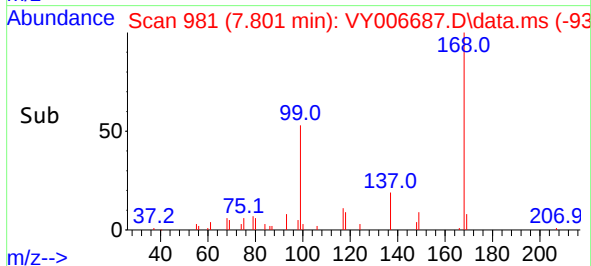
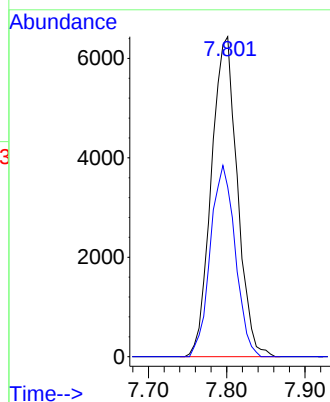


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

Instrument :
MSVOA_Y
ClientSampleId :

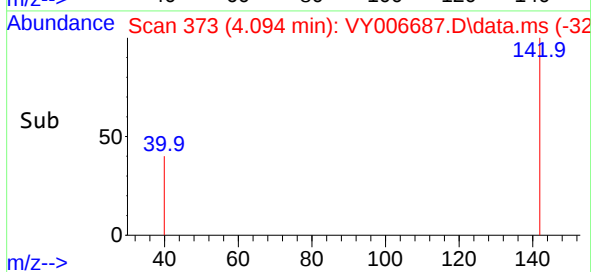
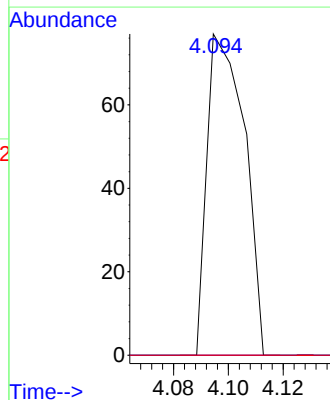
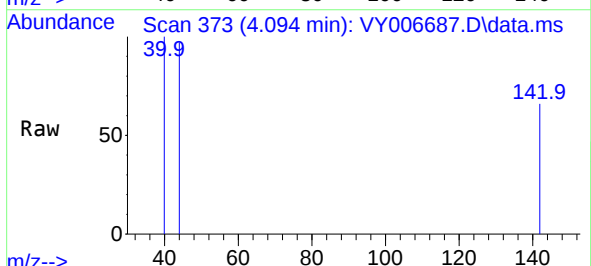


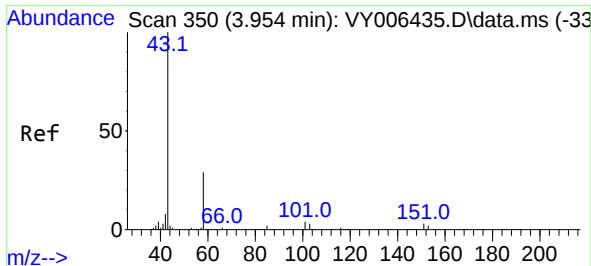
Tgt Ion:168 Resp: 14826
Ion Ratio Lower Upper
168 100
99 53.0 44.8 67.2



#10
Methyl Iodide
Concen: 5.509 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.007 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

Tgt Ion:142 Resp: 73
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

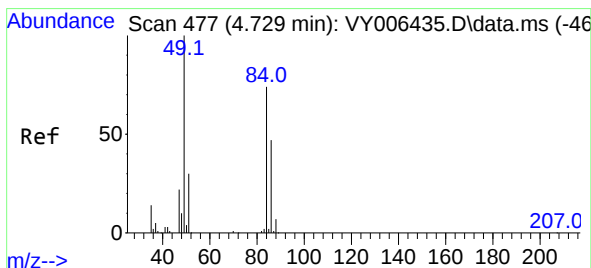
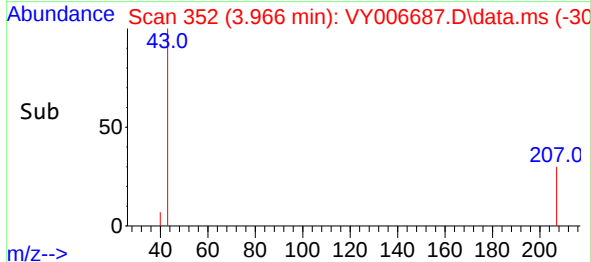
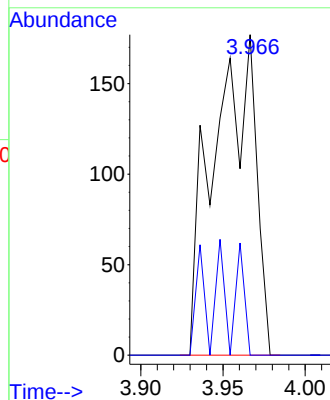
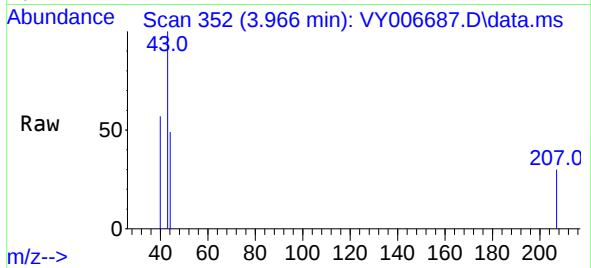




#16
Acetone
Concen: 5.958 ug/l
RT: 3.966 min Scan# 313
Delta R.T. 0.012 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

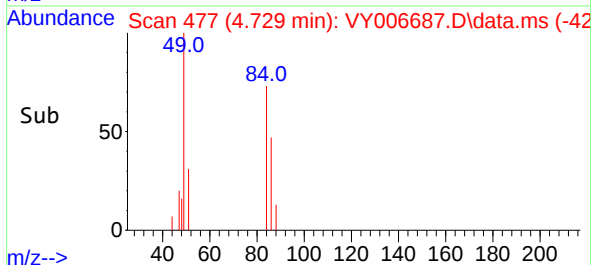
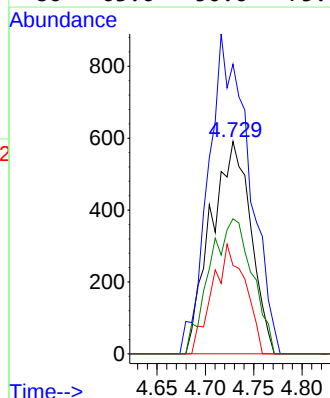
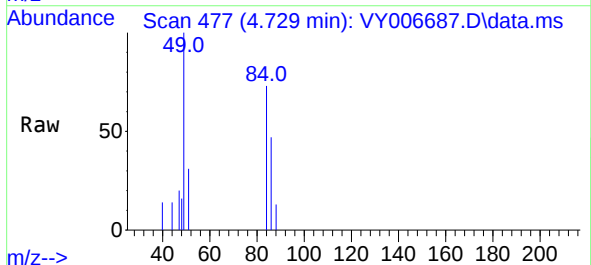
Instrument :
MSVOA_Y
ClientSampleId :

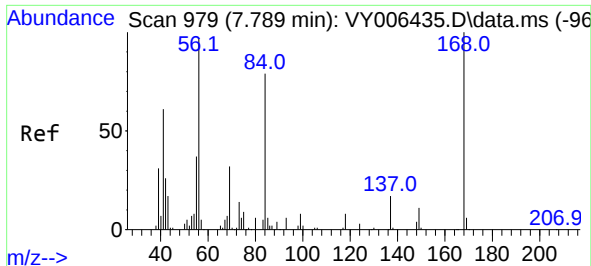
Tgt Ion: 43 Resp: 313
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: 6.923 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

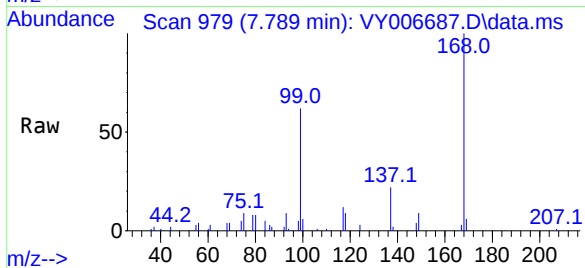
Tgt Ion: 84 Resp: 1695
Ion Ratio Lower Upper
84 100
49 136.4 107.8 161.8
51 41.6 32.8 49.2
86 63.6 50.6 75.8



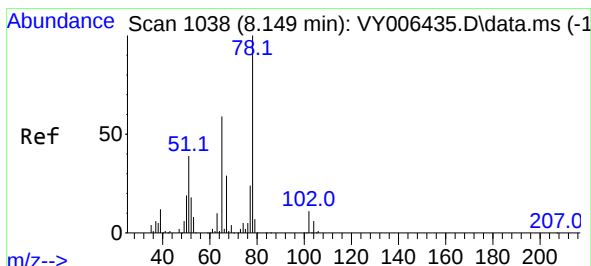
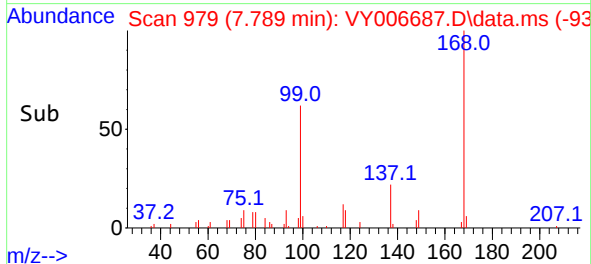
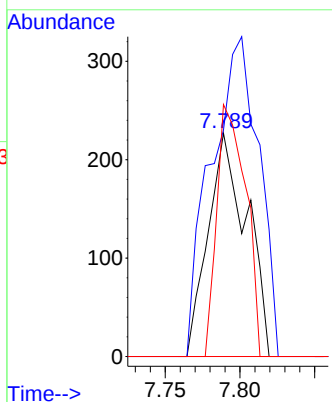


#31
Cyclohexane
Concen: 1.378 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

Instrument :
MSVOA_Y
ClientSampleId :

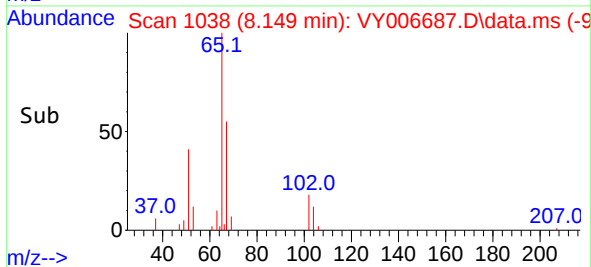
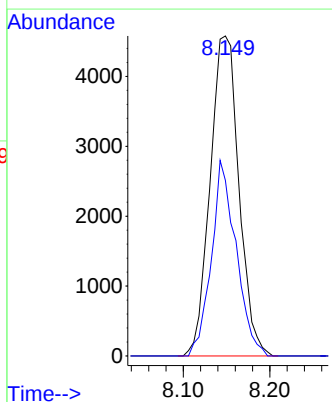
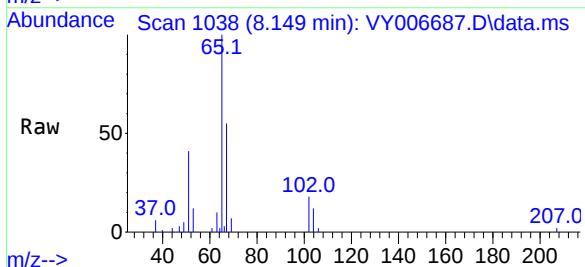


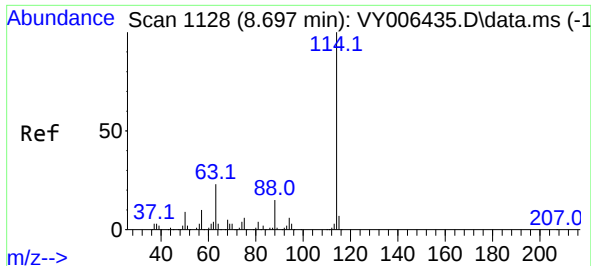
Tgt Ion: 56 Resp: 407
Ion Ratio Lower Upper
56 100
69 101.3 26.6 40.0#
84 112.8 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 57.947 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

Tgt Ion: 65 Resp: 10572
Ion Ratio Lower Upper
65 100
67 52.5 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: VY006687.D

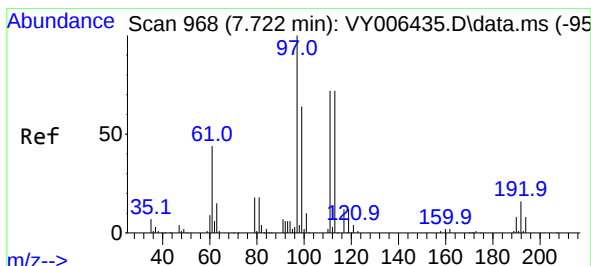
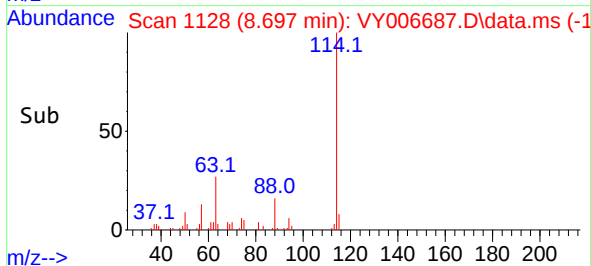
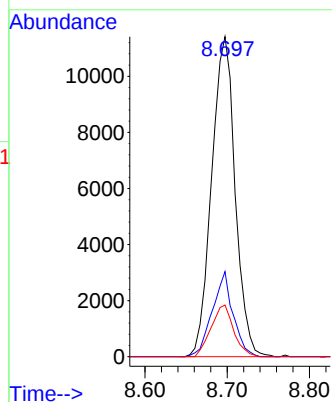
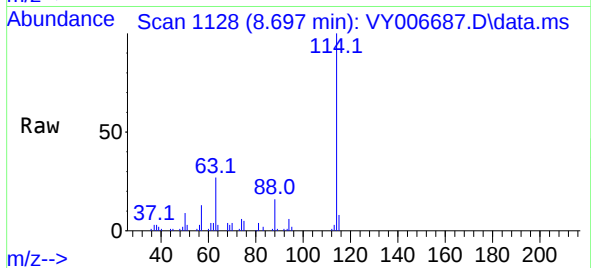
Acq: 08 Nov 2021 17:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	22661
Ion	Ratio	Lower	Upper
114	100		
63	26.6	0.0	45.0
88	16.2	0.0	30.6



#35

Dibromofluoromethane

Concen: 53.133 ug/l

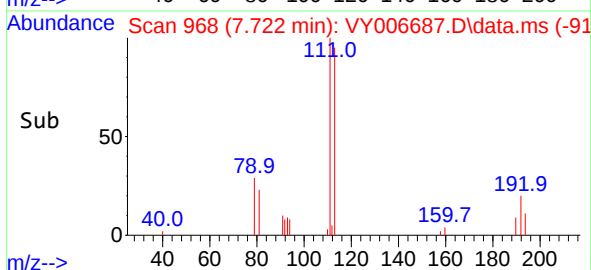
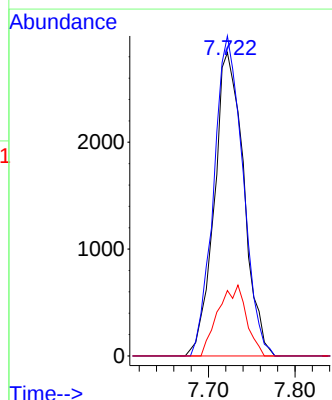
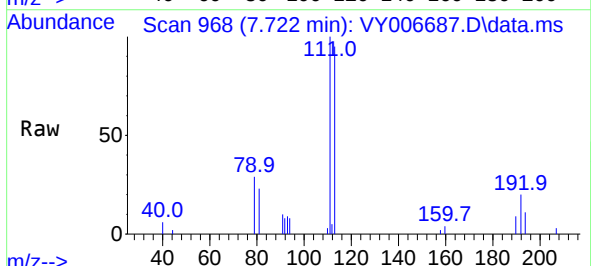
RT: 7.722 min Scan# 968

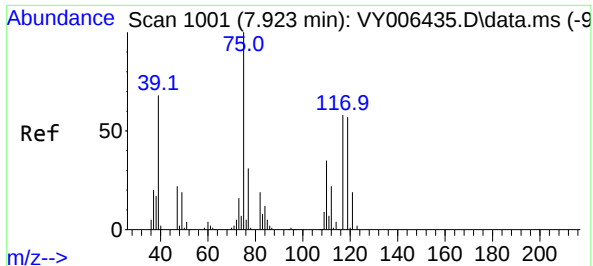
Delta R.T. 0.000 min

Lab File: VY006687.D

Acq: 08 Nov 2021 17:54

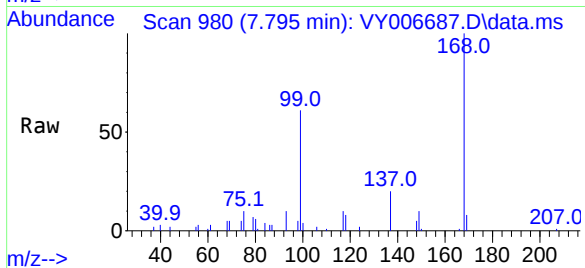
Tgt Ion:	113	Resp:	6711
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.3	123.5
192	22.4	17.4	26.2



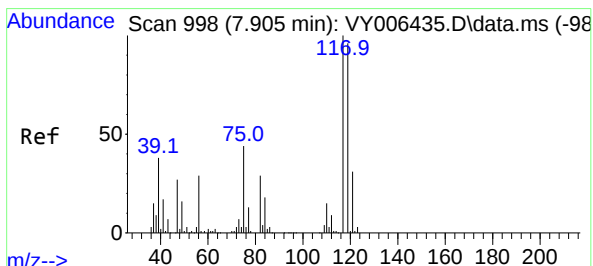
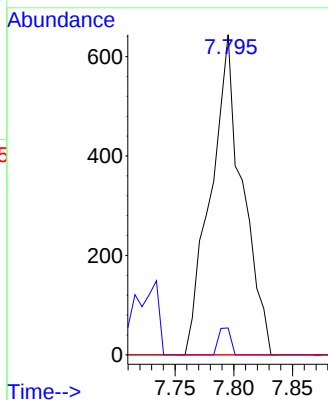
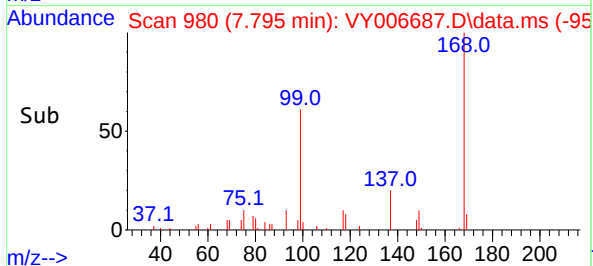


#36
1,1-Dichloropropene
Concen: 5.400 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

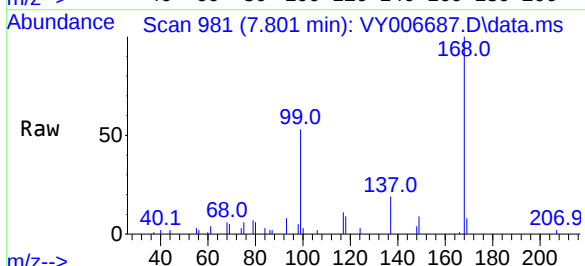
Instrument :
MSVOA_Y
ClientSampleId :



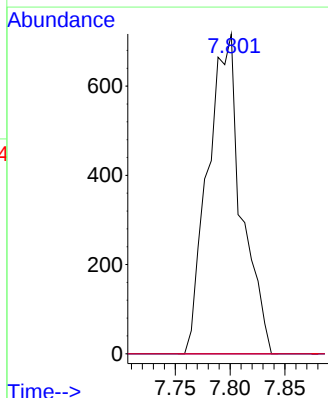
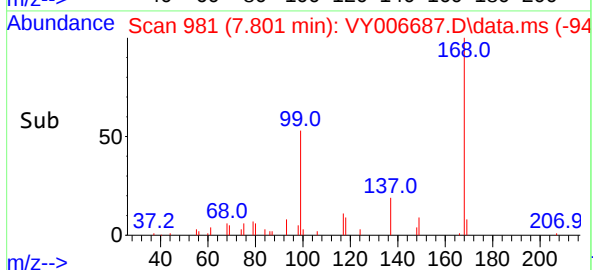
Tgt Ion: 75 Resp: 1209
Ion Ratio Lower Upper
75 100
110 3.2 17.1 51.3#
77 0.0 24.9 37.3#

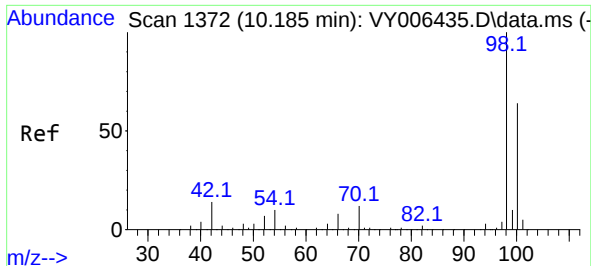


#38
Carbon Tetrachloride
Concen: 6.210 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54



Tgt Ion: 117 Resp: 1534
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#

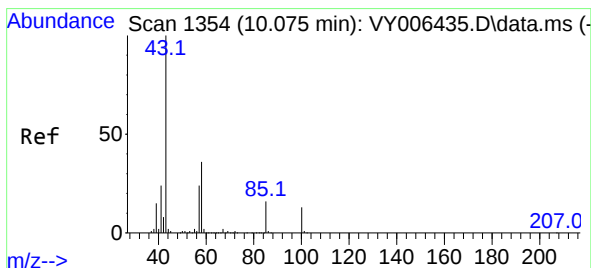
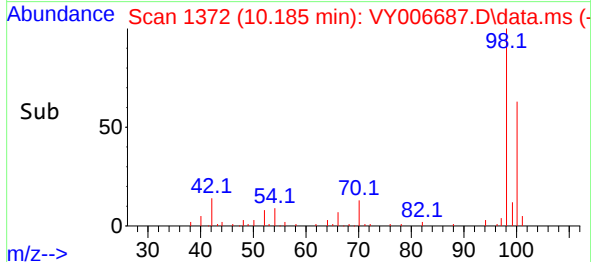
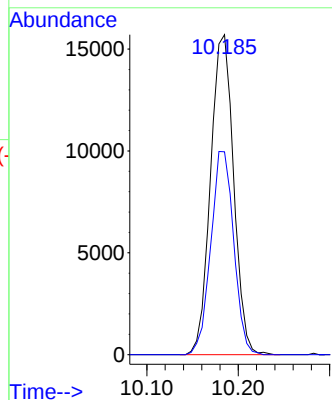
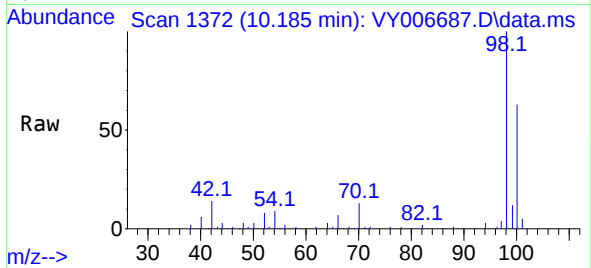




#50
Toluene-d8
Concen: 51.420 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

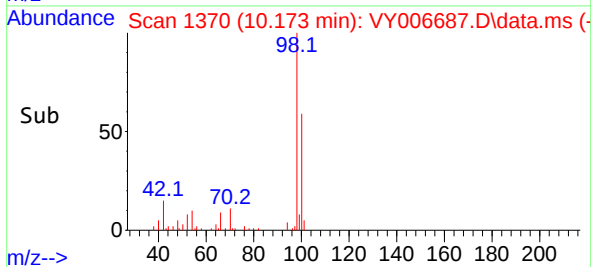
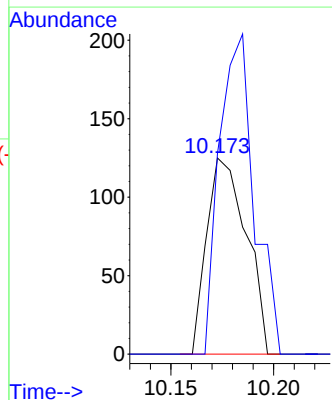
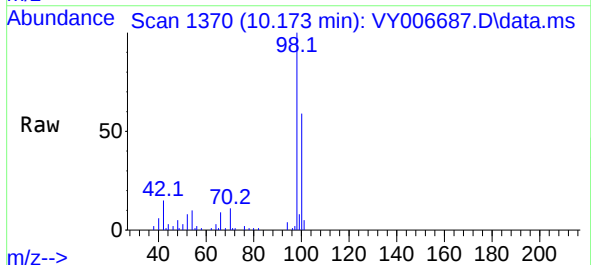
Instrument :
MSVOA_Y
ClientSampleId :

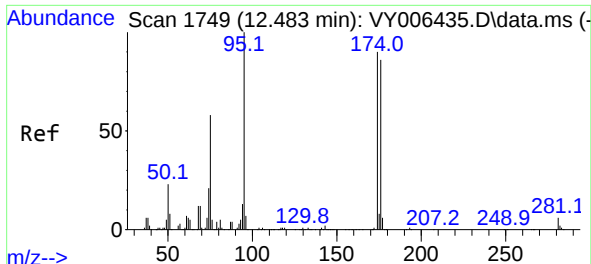
Tgt Ion: 98 Resp: 27532
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.159 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.098 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
58 143.7 28.7 43.1#

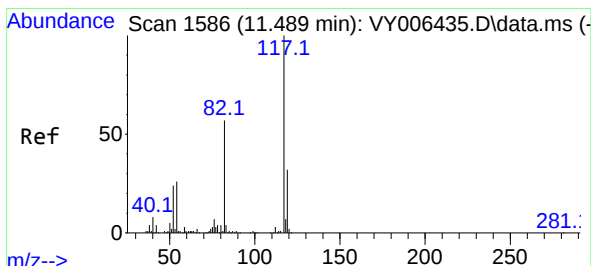
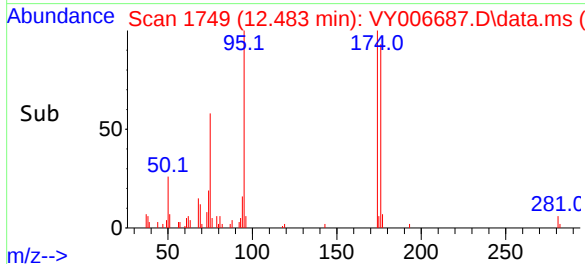
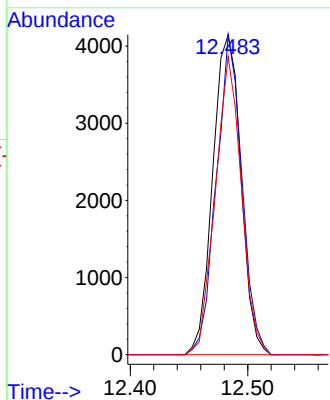
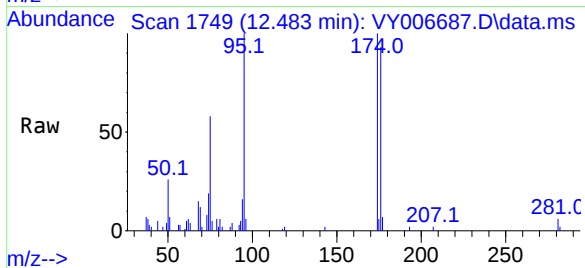




#62
4-Bromofluorobenzene
Concen: 38.134 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

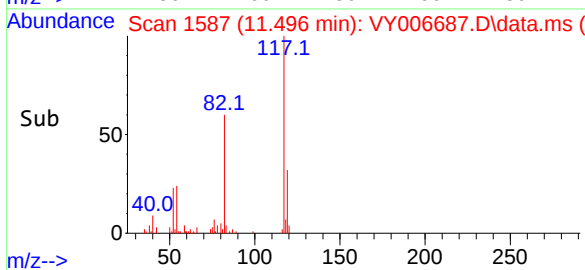
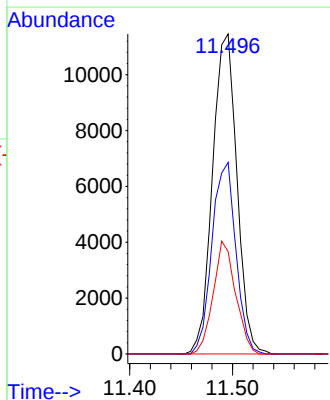
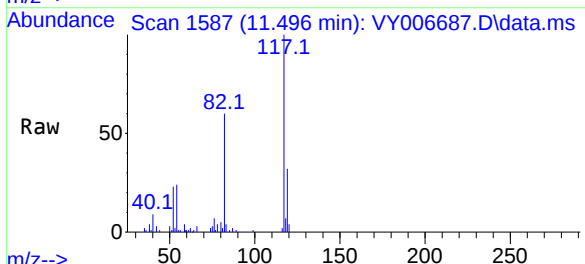
Instrument :
MSVOA_Y
ClientSampleId :

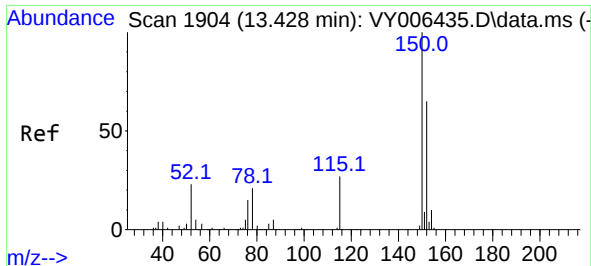
Tgt Ion: 95 Resp: 6878
Ion Ratio Lower Upper
95 100
174 91.3 0.0 177.0
176 86.8 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

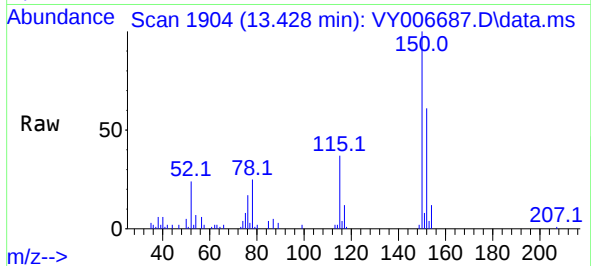
Tgt Ion: 117 Resp: 18875
Ion Ratio Lower Upper
117 100
82 59.9 45.7 68.5
119 32.0 25.5 38.3



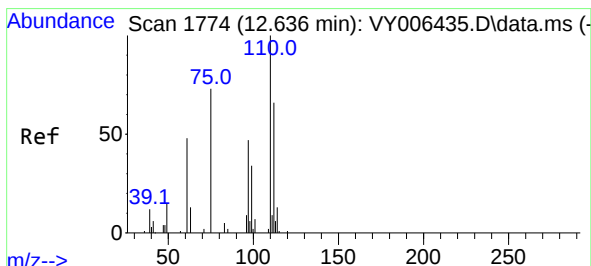
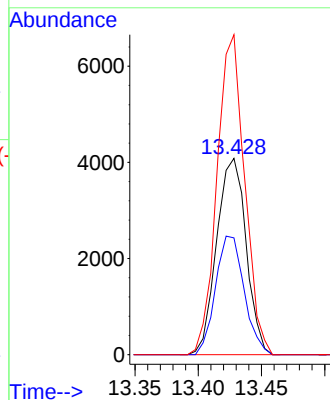
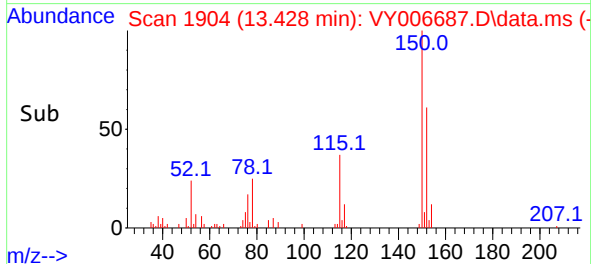


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

Instrument :
MSVOA_Y
ClientSampleId :

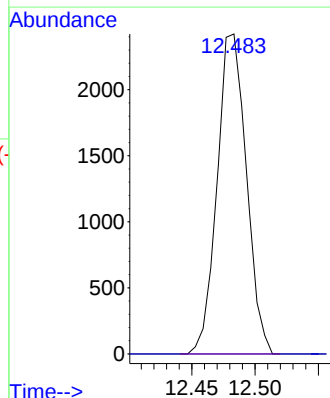
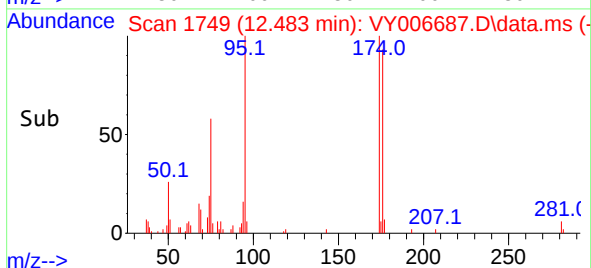
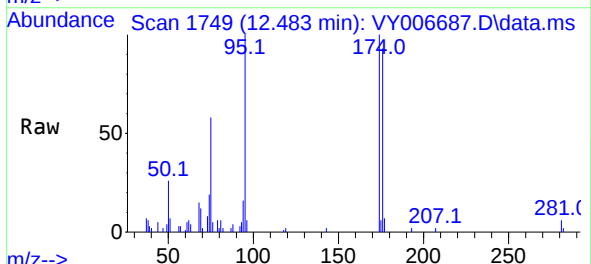


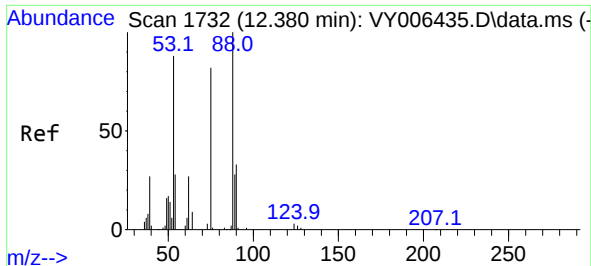
Tgt Ion:152 Resp: 6607
Ion Ratio Lower Upper
152 100
115 58.7 28.5 85.5
150 153.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 57.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006687.D
Acq: 08 Nov 2021 17:54

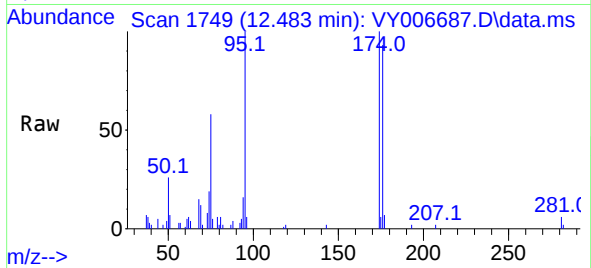
Tgt Ion: 75 Resp: 3897
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.509 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY006687.D
 Acq: 08 Nov 2021 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 3897
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.0 39.3 58.9#

