

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012338.D
 Acq On : 24 Jan 2023 13:41
 Operator : KP/MD
 Sample : 01251-12RE
 Misc : 6.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 01:31:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

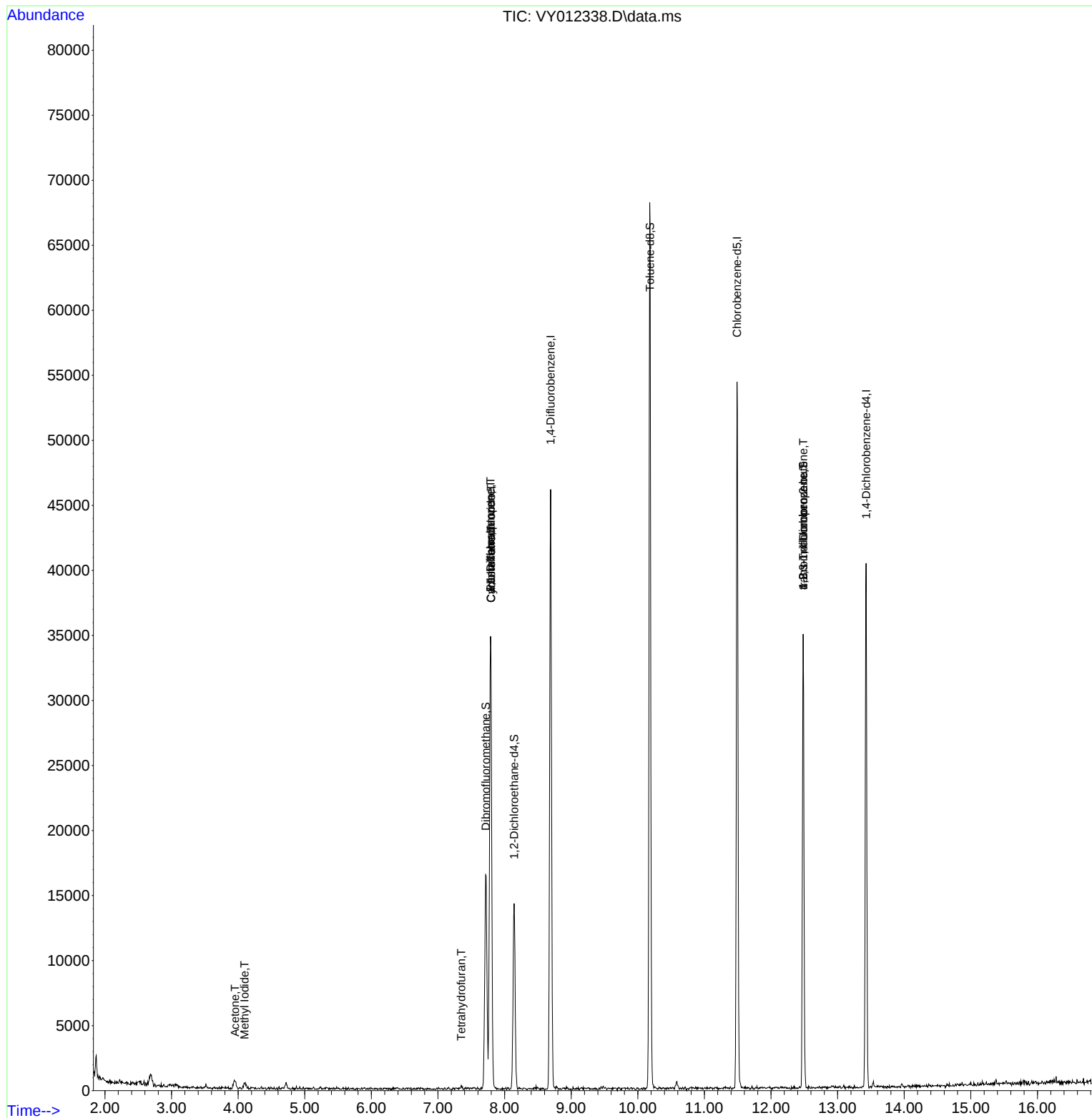
Internal Standards						
1) Pentafluorobenzene	7.789	168	28650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	41252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	32319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12262	51.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.540%	
35) Dibromofluoromethane	7.716	113	10926	50.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.040%	
50) Toluene-d8	10.185	98	47107	63.405	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 126.800%	
62) 4-Bromofluorobenzene	12.483	95	10790	35.042	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 70.080%	
Target Compounds						Qvalue
10) Methyl Iodide	4.094	142	655	1.682	ug/l #	91
16) Acetone	3.954	43	1185	14.854	ug/l #	85
20) Methylene Chloride	4.716	84	349	Below Cal	#	76
29) Tetrahydrofuran	7.350	42	142	2.935	ug/l #	44
31) Cyclohexane	7.795	56	625	1.496	ug/l #	28
36) 1,1-Dichloropropene	7.789	75	1912	5.151	ug/l #	45
38) Carbon Tetrachloride	7.795	117	2977	6.209	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	5658	53.871	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5658	110.997	ug/l #	13

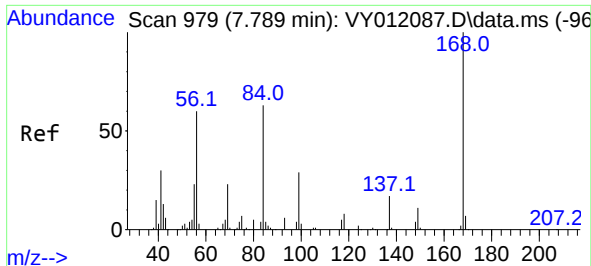
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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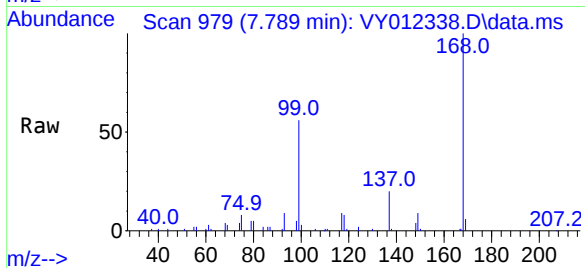
Quant Time: Jan 25 01:31:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
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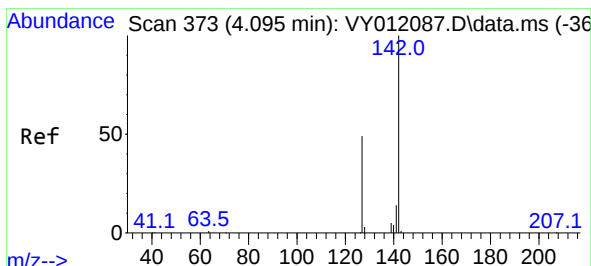
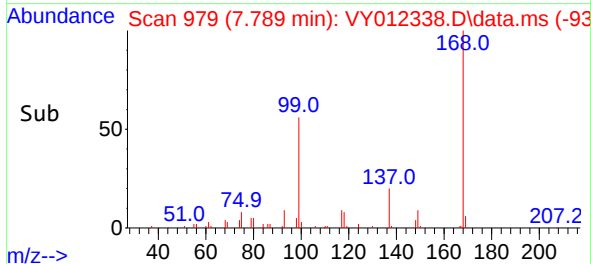
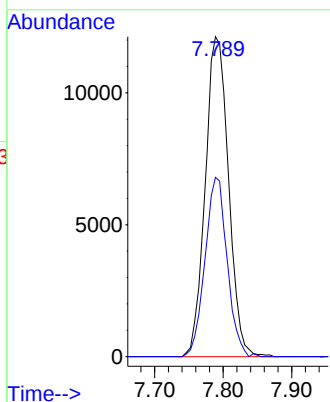


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

Instrument :
MSVOA_Y
ClientSampleId :

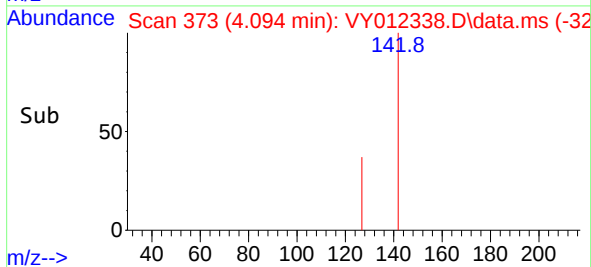
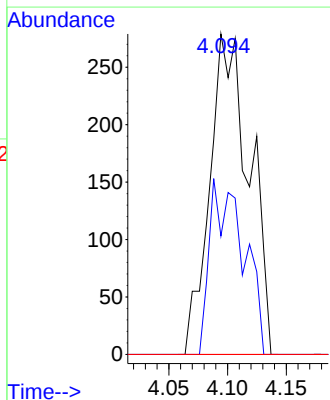
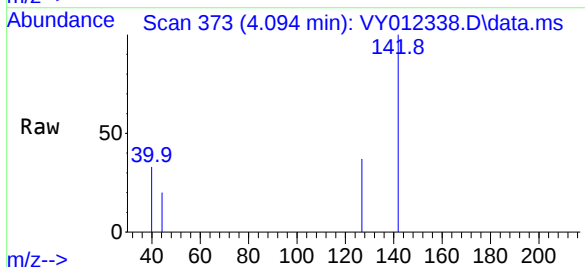


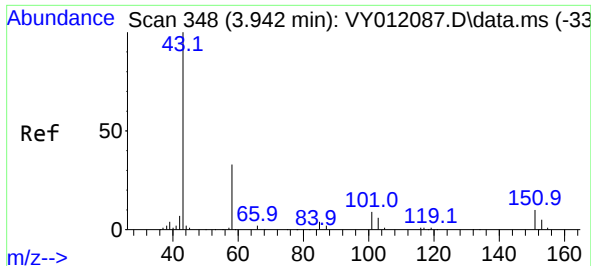
Tgt Ion:168 Resp: 28650
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#10
Methyl Iodide
Concen: 1.682 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

Tgt Ion:142 Resp: 655
Ion Ratio Lower Upper
142 100
127 46.6 37.0 55.4
141 0.0 11.4 17.0#

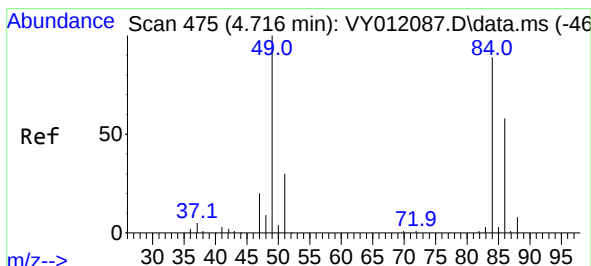
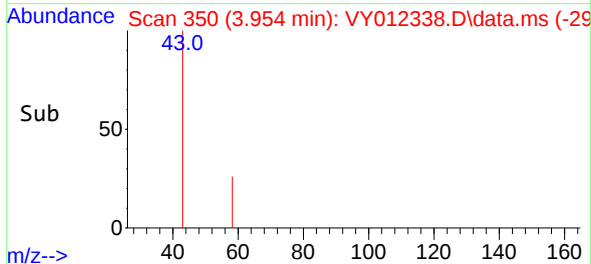
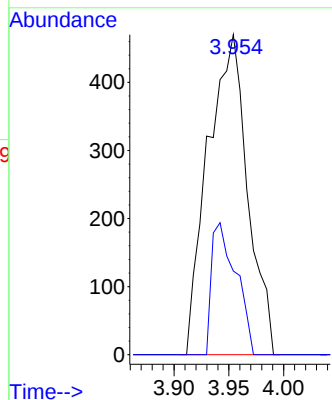
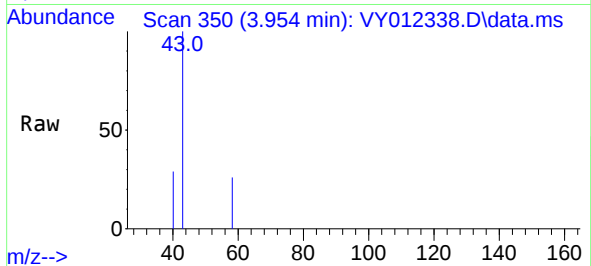




#16
Acetone
Concen: 14.854 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

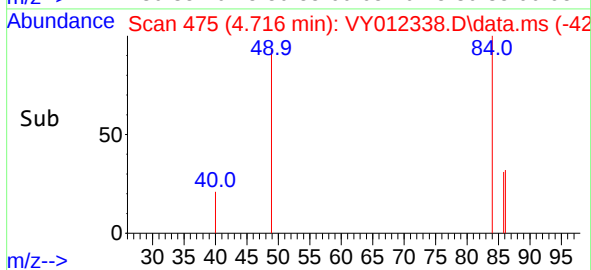
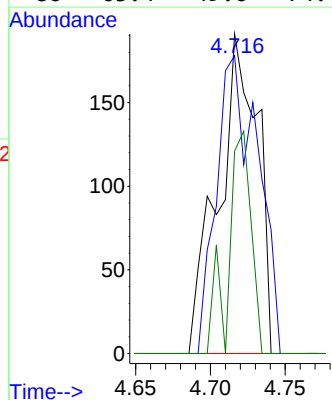
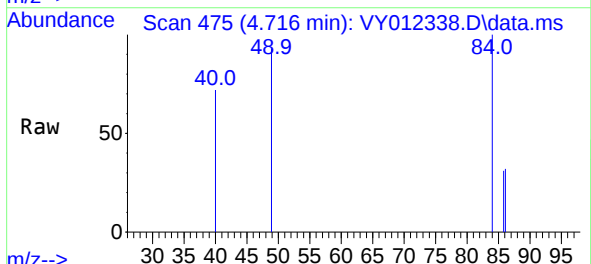
Instrument :
MSVOA_Y
ClientSampleId :

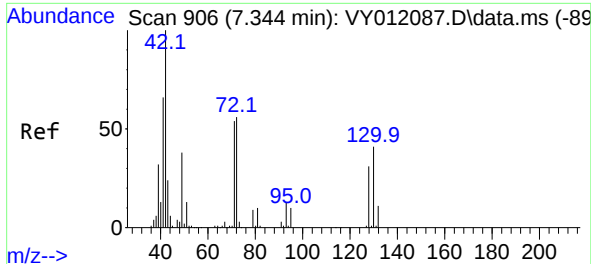
Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
58 26.2 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

Tgt Ion: 84 Resp: 349
Ion Ratio Lower Upper
84 100
49 93.2 95.4 143.2#
51 0.0 29.9 44.9#
86 63.4 49.6 74.4





#29

Tetrahydrofuran

Concen: 2.935 ug/l

RT: 7.350 min Scan# 90

Delta R.T. 0.006 min

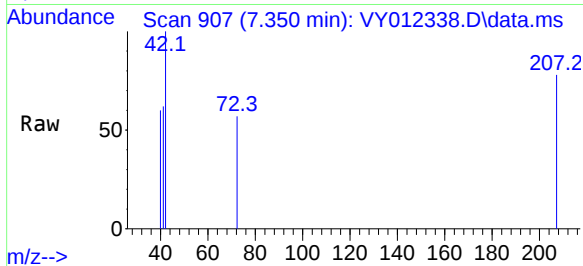
Lab File: VY012338.D

Acq: 24 Jan 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :



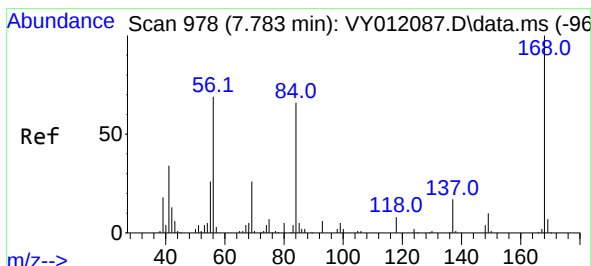
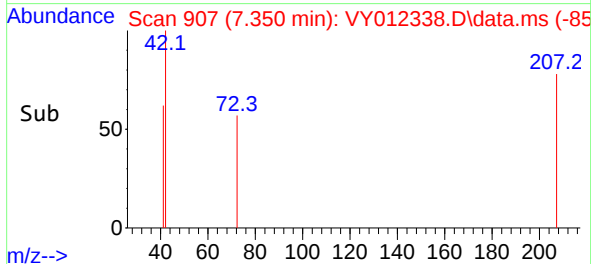
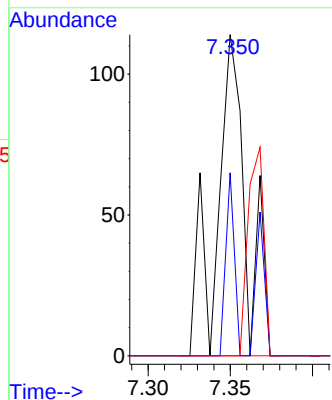
Tgt Ion: 42 Resp: 142

Ion Ratio Lower Upper

42 100

72 16.9 37.0 55.6#

71 0.0 34.9 52.3#



#31

Cyclohexane

Concen: 1.496 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY012338.D

Acq: 24 Jan 2023 13:41

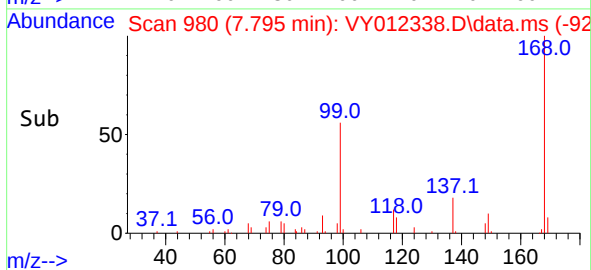
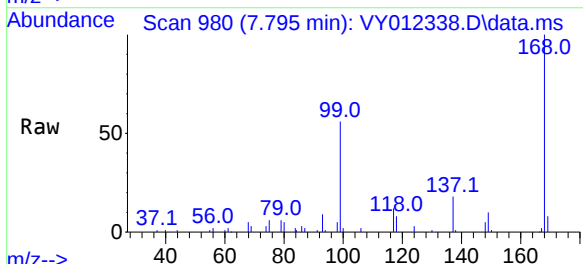
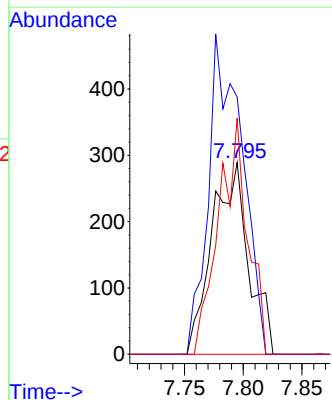
Tgt Ion: 56 Resp: 625

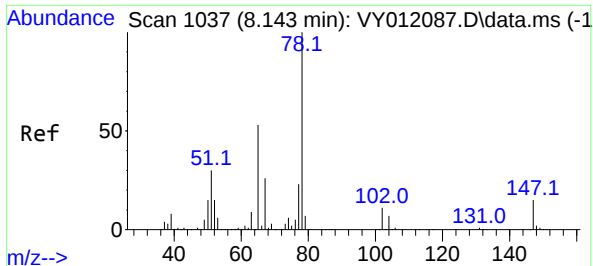
Ion Ratio Lower Upper

56 100

69 134.3 29.2 43.8#

84 123.2 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 51.774 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY012338.D

Acq: 24 Jan 2023 13:41

Instrument :

MSVOA_Y

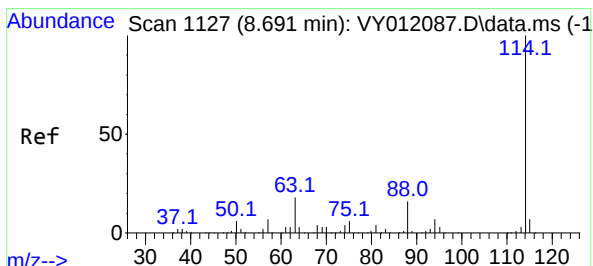
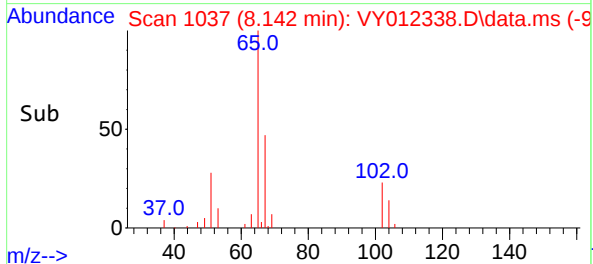
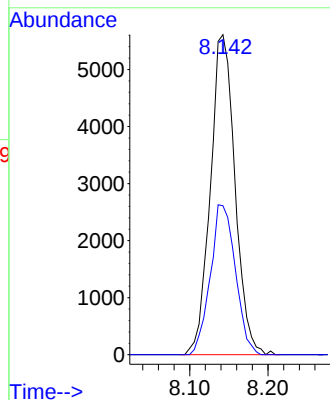
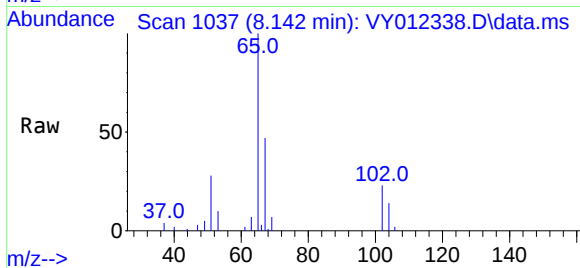
ClientSampleId :

Tgt Ion: 65 Resp: 12262

Ion Ratio Lower Upper

65 100

67 47.7 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012338.D

Acq: 24 Jan 2023 13:41

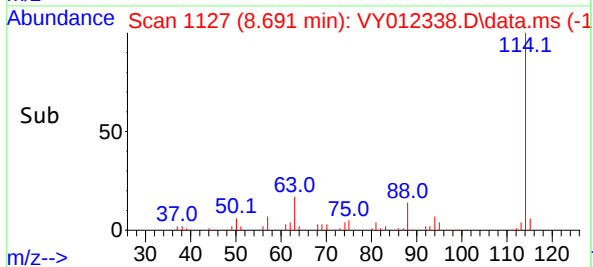
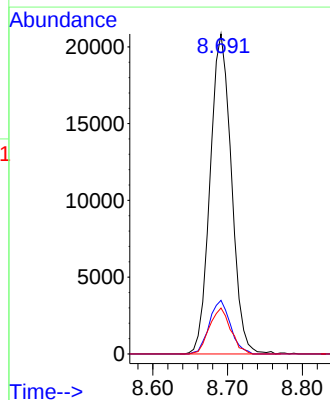
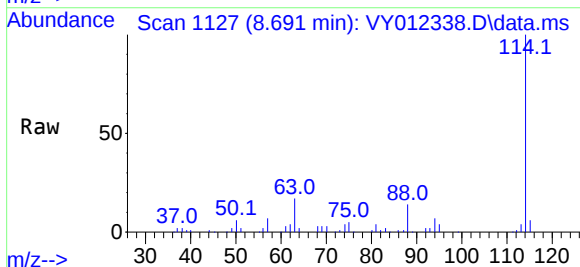
Tgt Ion: 114 Resp: 41252

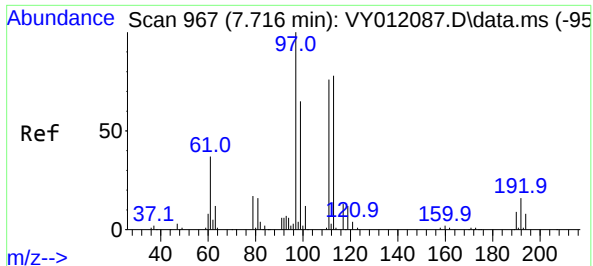
Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.6

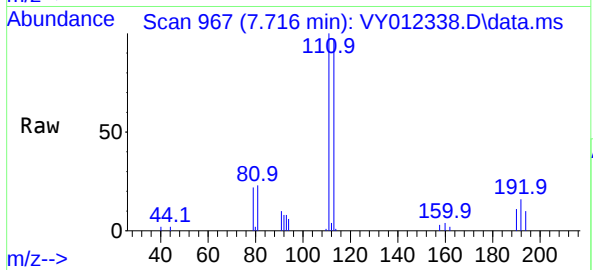
88 14.3 0.0 32.2



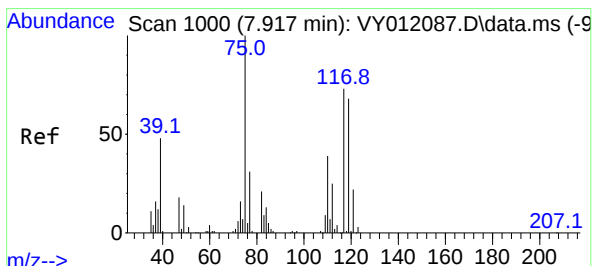
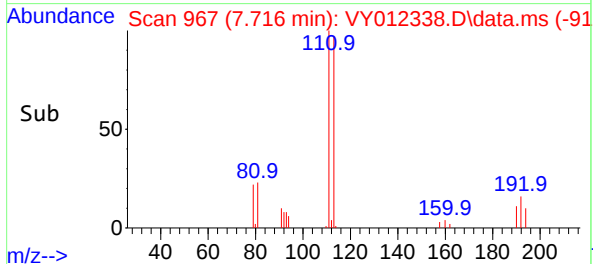
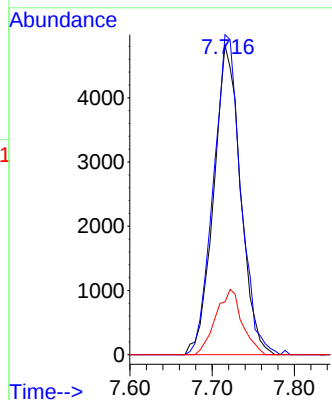


#35
Dibromofluoromethane
Concen: 50.021 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

Instrument :
MSVOA_Y
ClientSampleId :

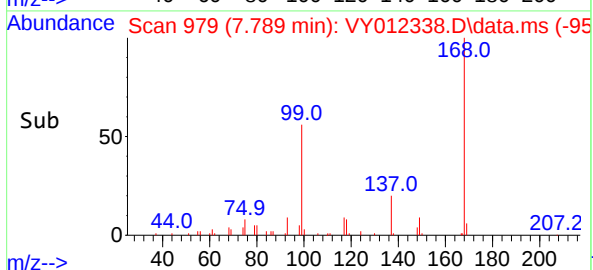
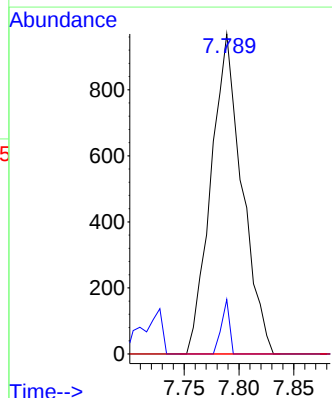
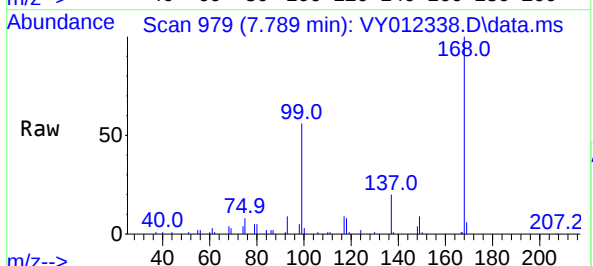


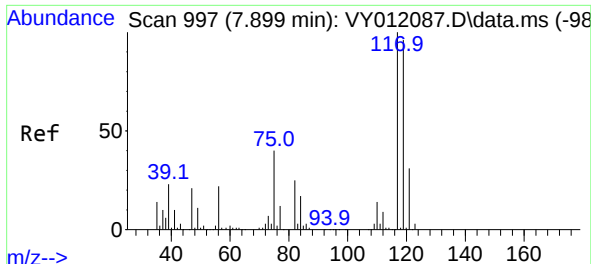
Tgt Ion:113 Resp: 10926
Ion Ratio Lower Upper
113 100
111 104.9 83.0 124.4
192 20.7 16.0 24.0



#36
1,1-Dichloropropene
Concen: 5.151 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

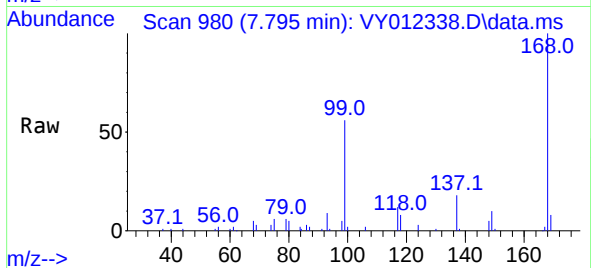
Tgt Ion: 75 Resp: 1912
Ion Ratio Lower Upper
75 100
110 4.4 18.1 54.1#
77 0.0 25.1 37.7#



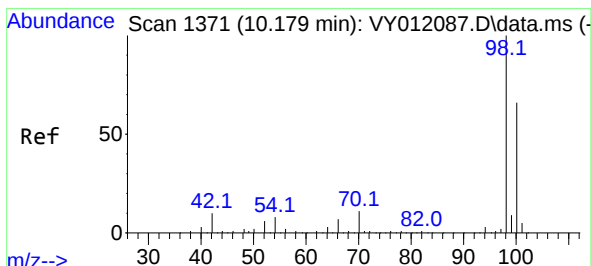
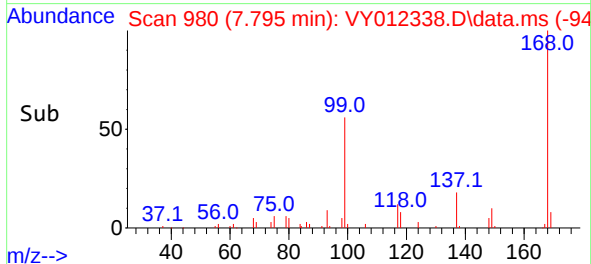
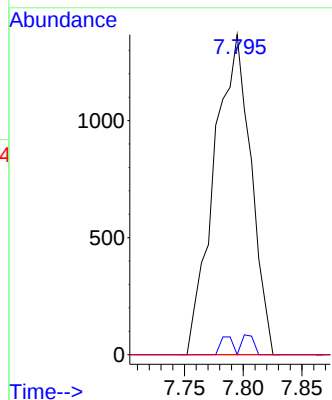


#38
Carbon Tetrachloride
Concen: 6.209 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

Instrument :
MSVOA_Y
ClientSampleId :

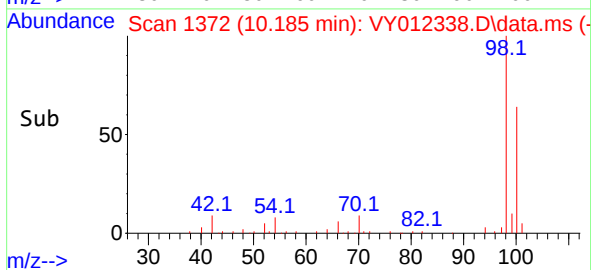
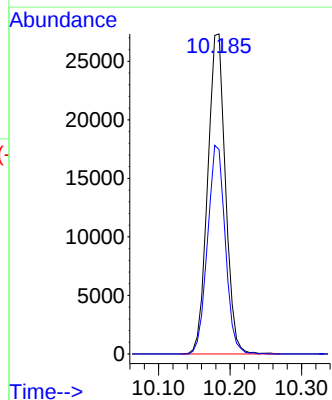
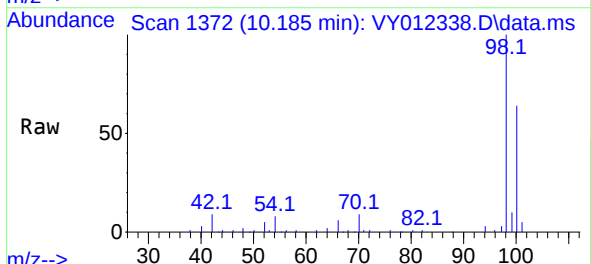


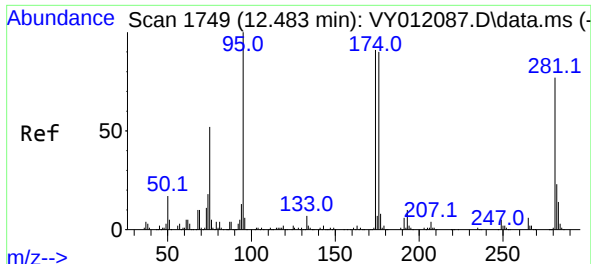
Tgt Ion:117 Resp: 2977
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 63.405 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

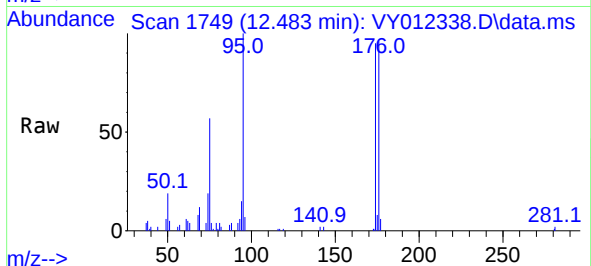
Tgt Ion: 98 Resp: 47107
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



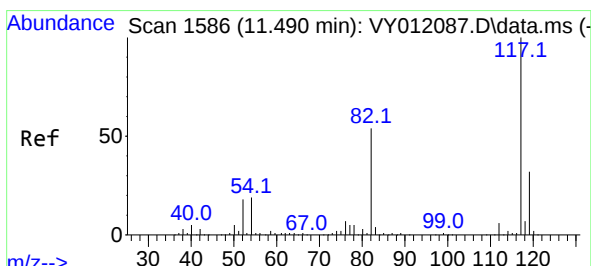
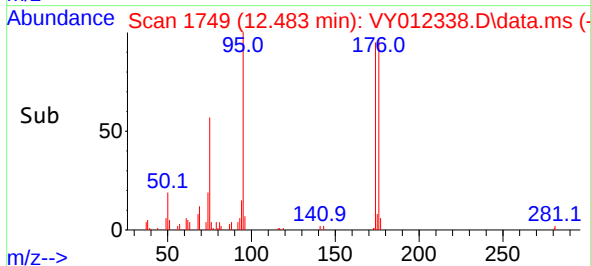
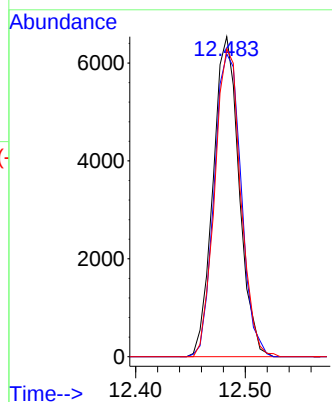


#62
4-Bromofluorobenzene
Concen: 35.042 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

Instrument :
MSVOA_Y
ClientSampleId :

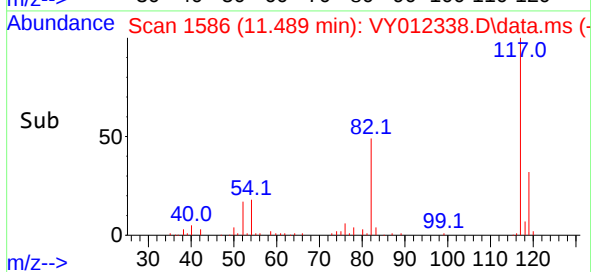
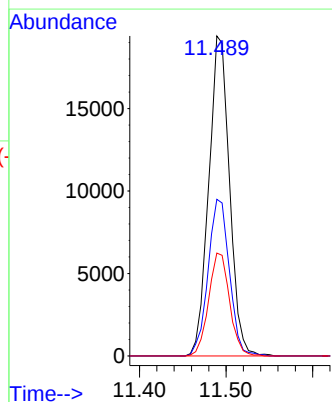
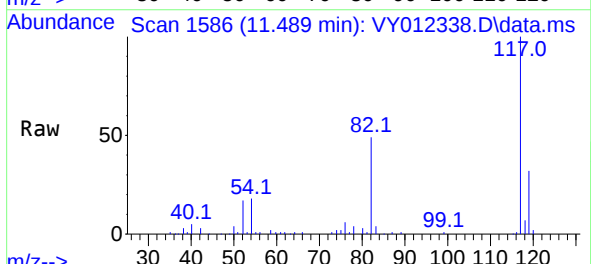


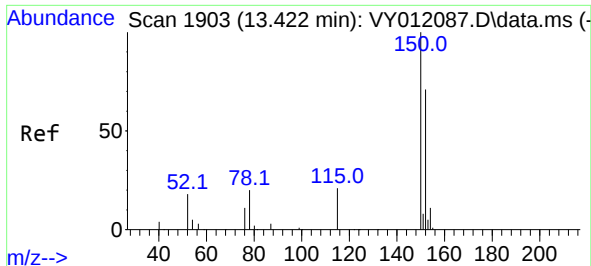
Tgt Ion: 95 Resp: 10790
Ion Ratio Lower Upper
95 100
174 97.9 0.0 172.0
176 96.2 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

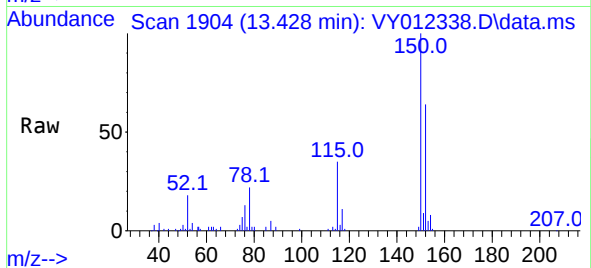
Tgt Ion: 117 Resp: 32319
Ion Ratio Lower Upper
117 100
82 49.0 44.8 67.2
119 32.2 25.4 38.2



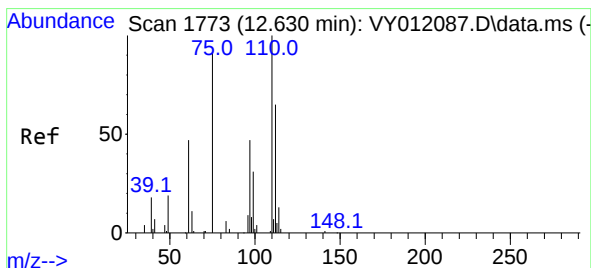
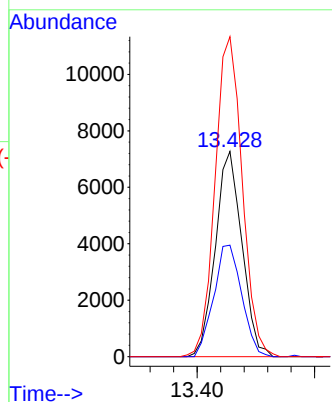
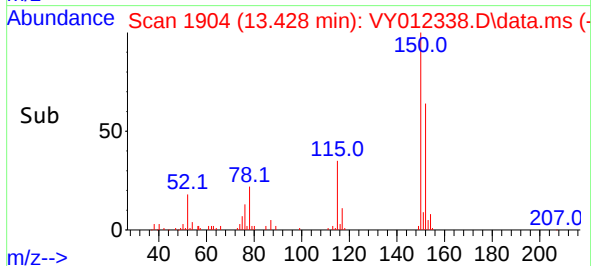


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

Instrument :
MSVOA_Y
ClientSampleId :

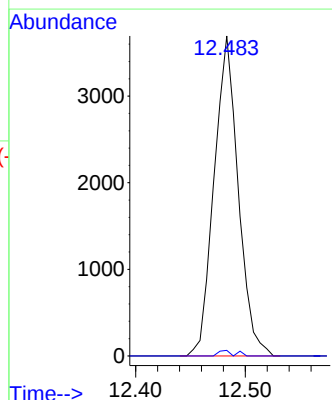
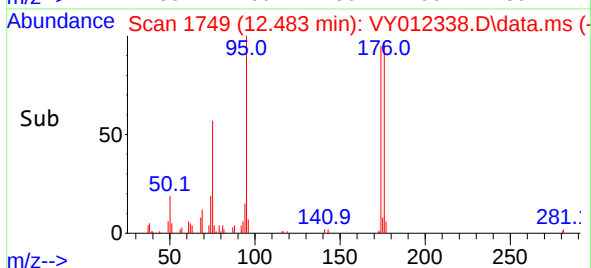
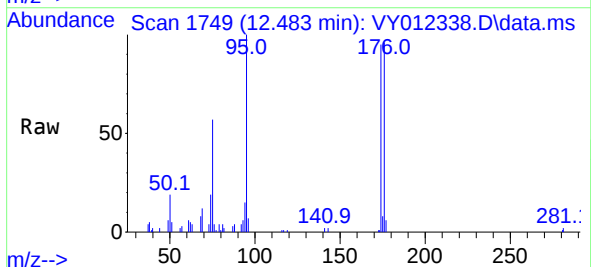


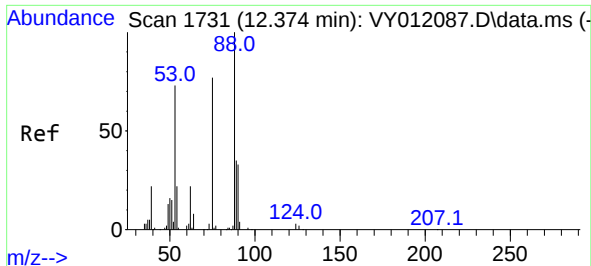
Tgt Ion:152 Resp: 11422
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.3
150 159.3 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 53.871 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

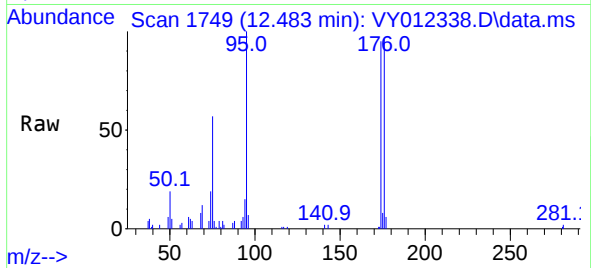
Tgt Ion: 75 Resp: 5658
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.997 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012338.D
 Acq: 24 Jan 2023 13:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 5658
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

