

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008475.D
 Acq On : 25 Apr 2022 12:33
 Operator : KP/MD
 Sample : N2526-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-3S

Quant Time: Apr 26 01:54:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

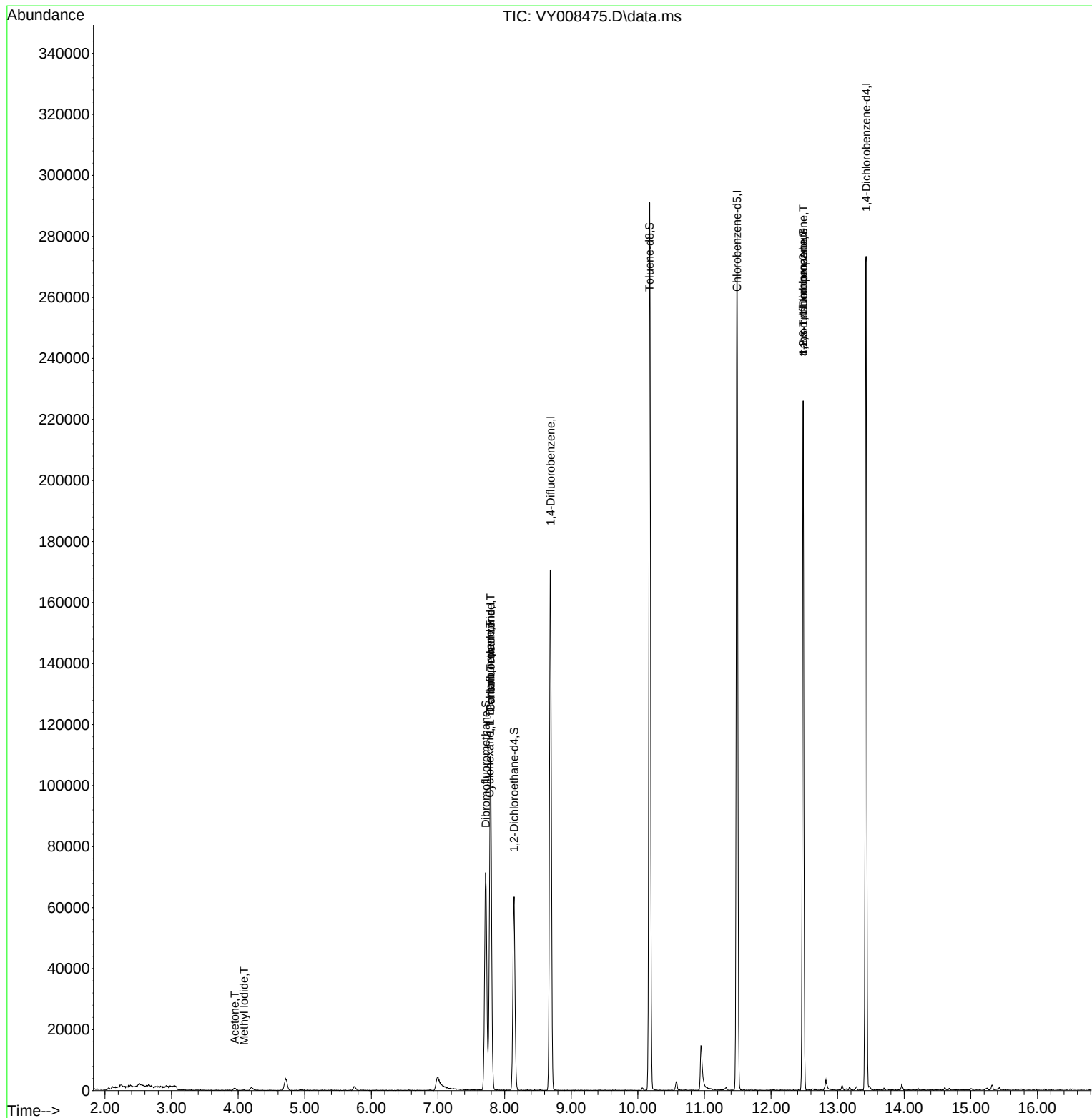
Internal Standards						
1) Pentafluorobenzene	7.789	168	85506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	154502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48450	48.157	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.320%
35) Dibromofluoromethane	7.716	113	50258	50.725	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.440%
50) Toluene-d8	10.179	98	192204	48.735	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.483	95	64124	48.063	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.120%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	87	1.757	ug/l #	35
11) Tert butyl alcohol	4.954	59	420	Below Cal	#	77
16) Acetone	3.948	43	1399	5.970	ug/l	91
20) Methylene Chloride	4.710	84	3190	Below Cal	#	62
31) Cyclohexane	7.777	56	1731	1.047	ug/l #	9
36) 1,1-Dichloropropene	7.783	75	6980	4.429	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8537	5.213	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	34731	38.591	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34731	89.527	ug/l #	7

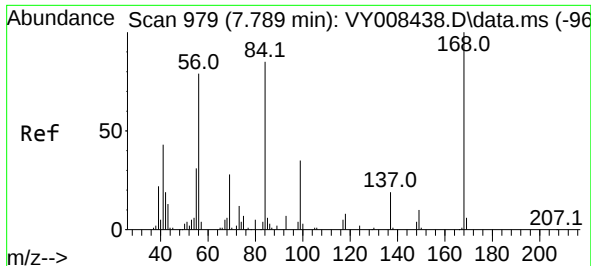
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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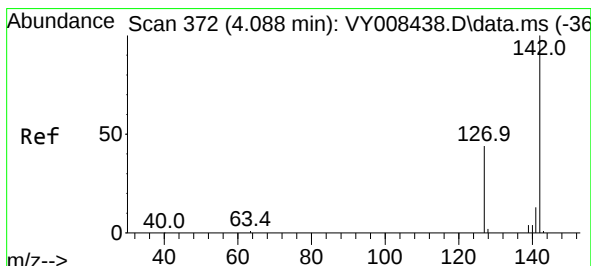
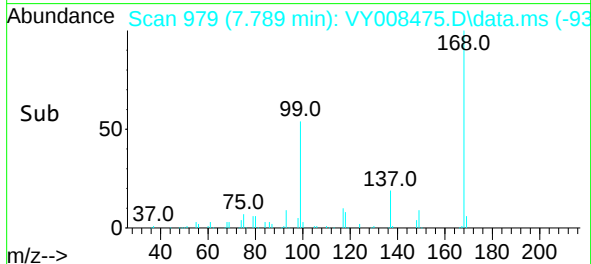
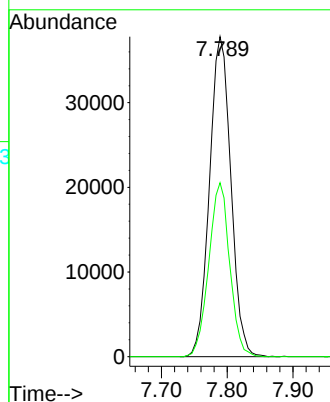
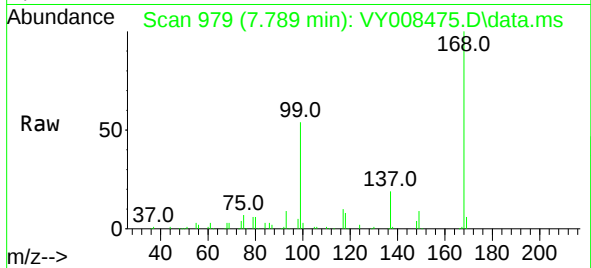




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

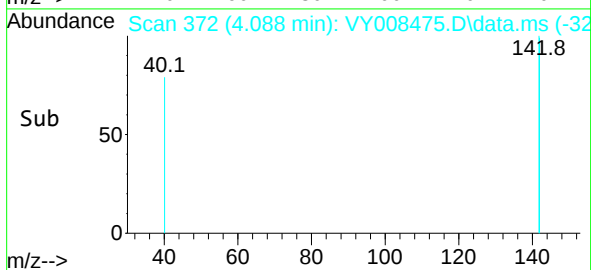
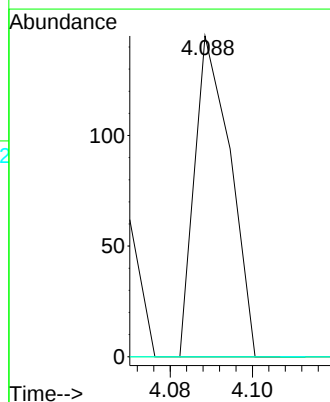
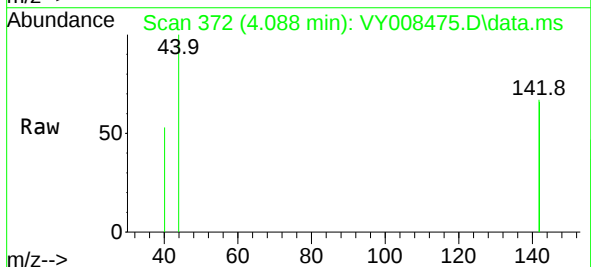
Instrument :
MSVOA_Y
ClientSampleId :
MH-3S

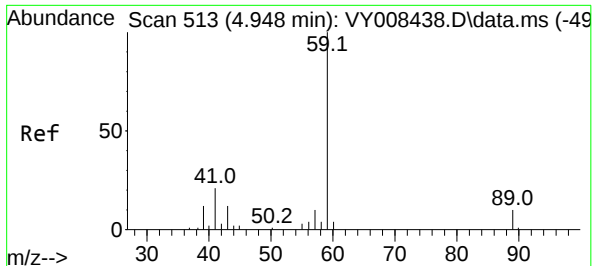
Tgt Ion:168 Resp: 85506
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#10
Methyl Iodide
Concen: 1.757 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

Tgt Ion:142 Resp: 87
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

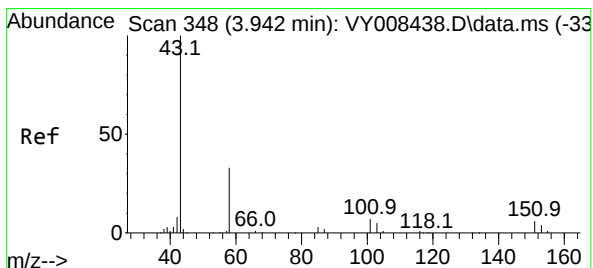
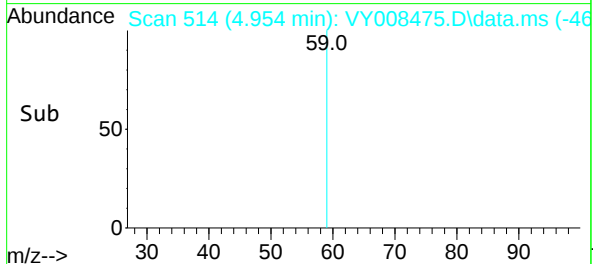
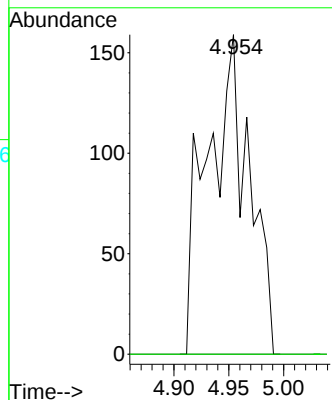
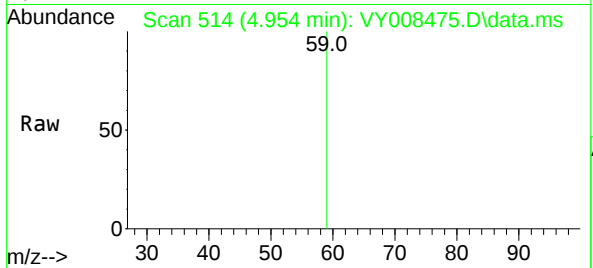




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

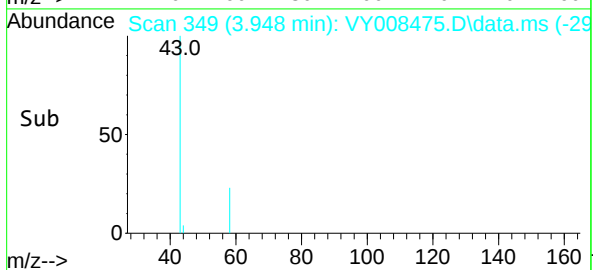
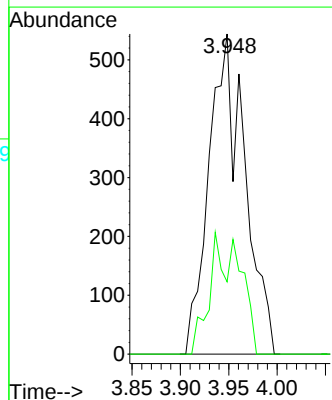
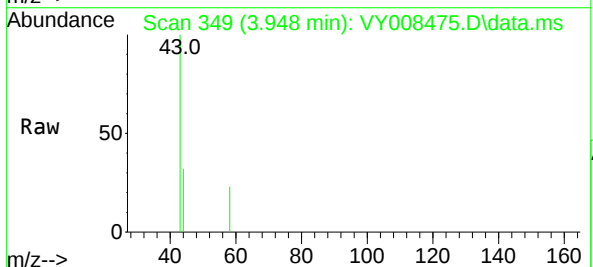
Instrument :
MSVOA_Y
ClientSampleId :
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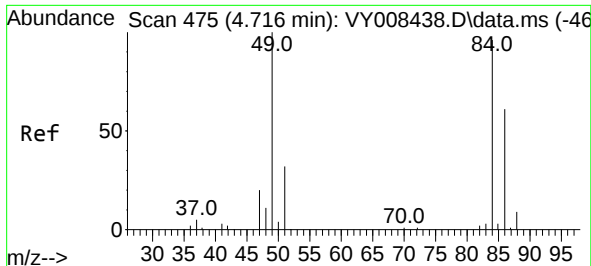
Tgt Ion: 59 Resp: 420
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 5.970 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

Tgt Ion: 43 Resp: 1399
Ion Ratio Lower Upper
43 100
58 22.6 22.0 33.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY008475.D

Acq: 25 Apr 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

MH-3S

Tgt Ion: 84 Resp: 3190

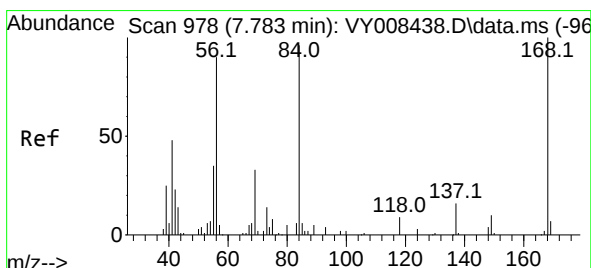
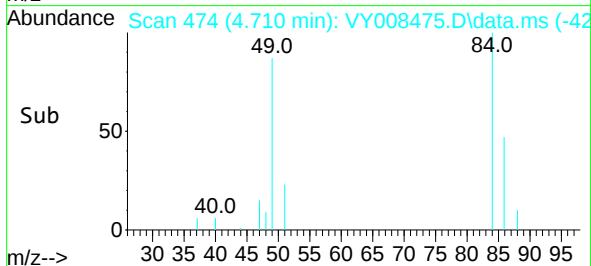
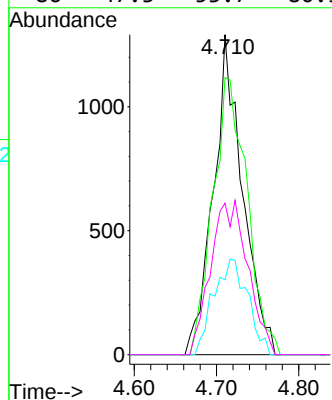
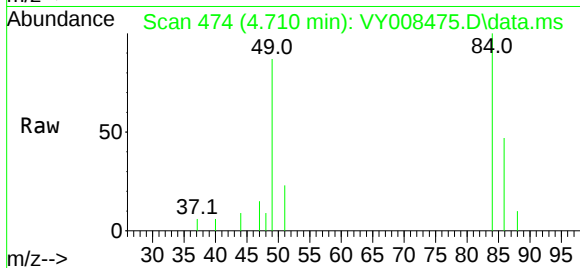
Ion Ratio Lower Upper

84 100

49 86.6 114.4 171.6#

51 23.4 35.3 52.9#

86 47.3 53.7 80.5#



#31

Cyclohexane

Concen: 1.047 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.006 min

Lab File: VY008475.D

Acq: 25 Apr 2022 12:33

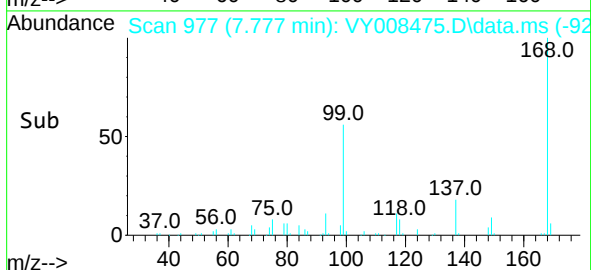
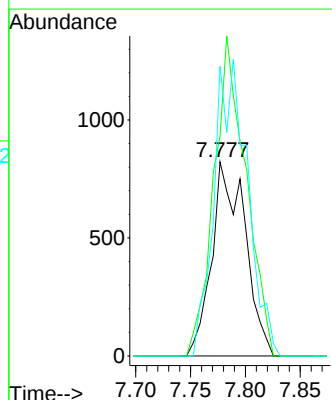
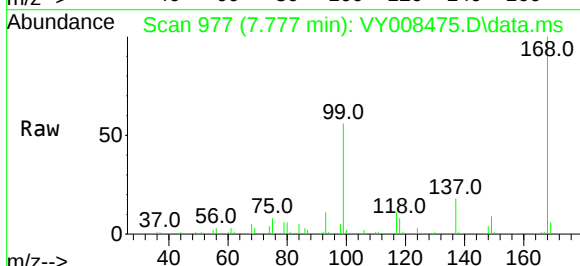
Tgt Ion: 56 Resp: 1731

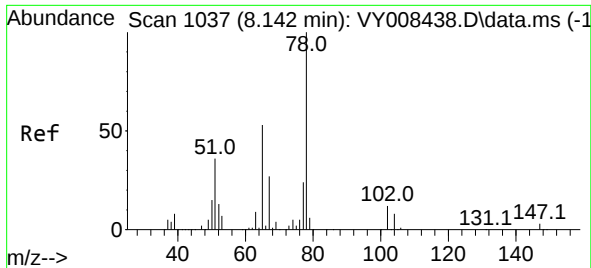
Ion Ratio Lower Upper

56 100

69 113.3 26.7 40.1#

84 149.3 67.2 100.8#

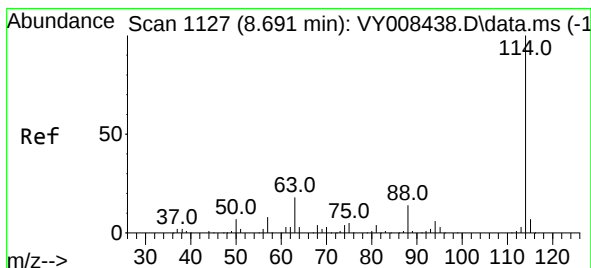
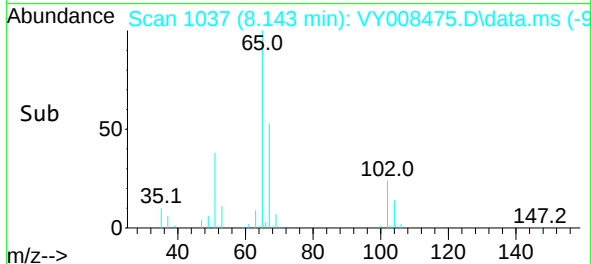
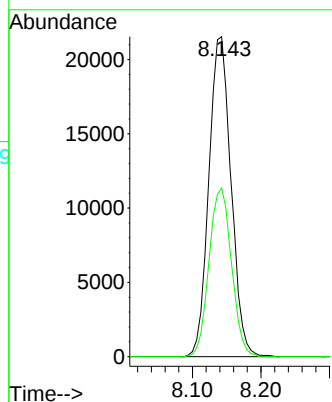
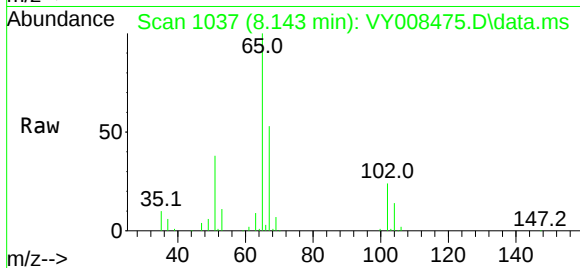




#33
 1,2-Dichloroethane-d4
 Concen: 48.157 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY008475.D
 Acq: 25 Apr 2022 12:33

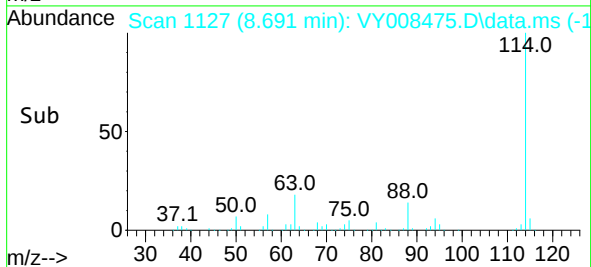
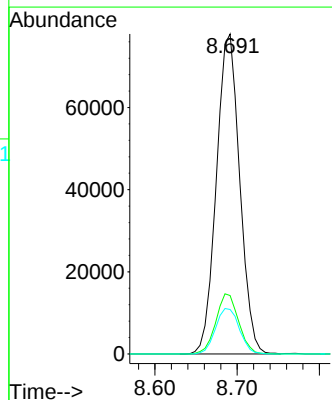
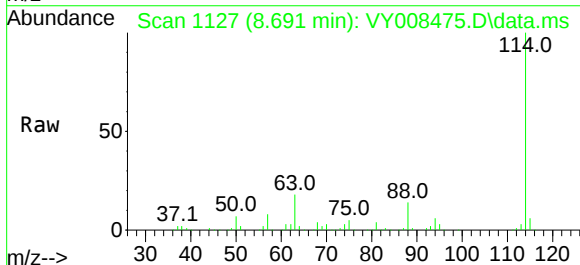
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-3S

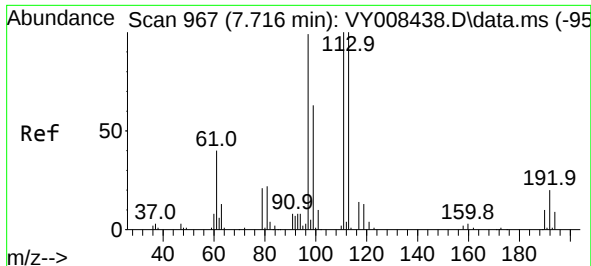
Tgt Ion: 65 Resp: 48450
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008475.D
 Acq: 25 Apr 2022 12:33

Tgt Ion: 114 Resp: 153521
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 43.2
 88 13.9 0.0 31.8

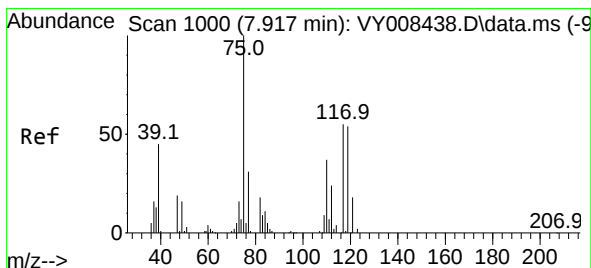
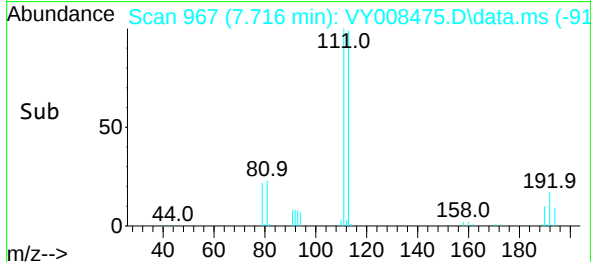
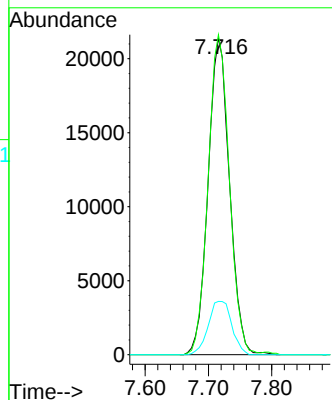
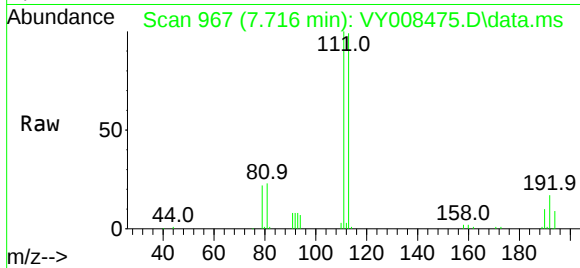




#35
Dibromofluoromethane
Concen: 50.725 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

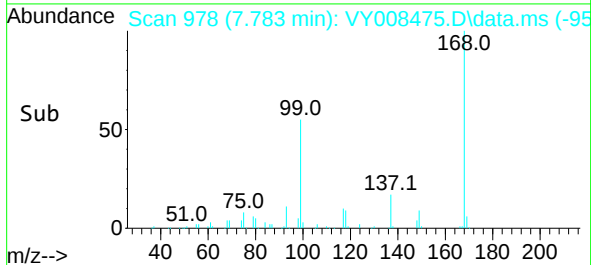
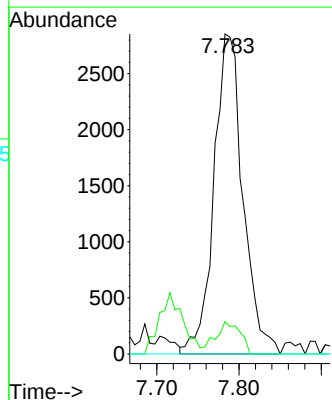
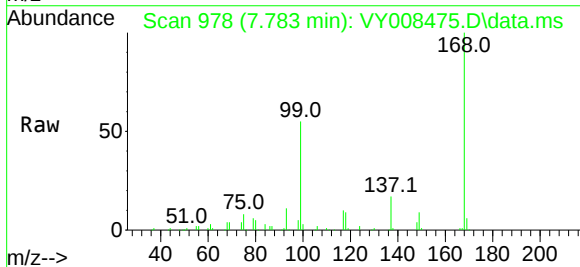
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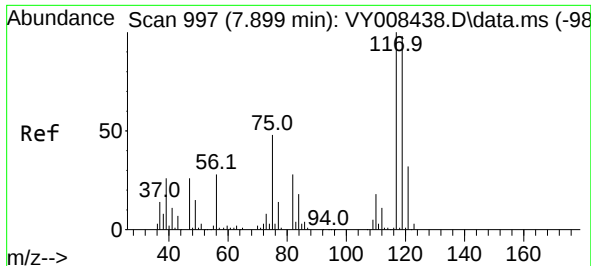
Tgt Ion:113 Resp: 50258
Ion Ratio Lower Upper
113 100
111 100.4 82.6 124.0
192 18.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.429 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

Tgt Ion: 75 Resp: 6980
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#

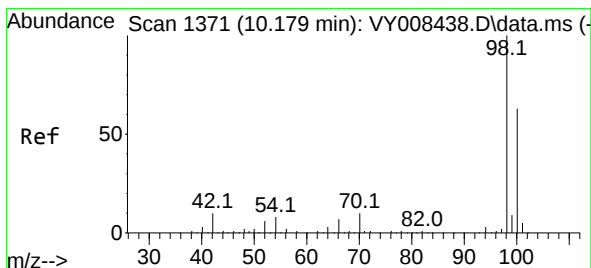
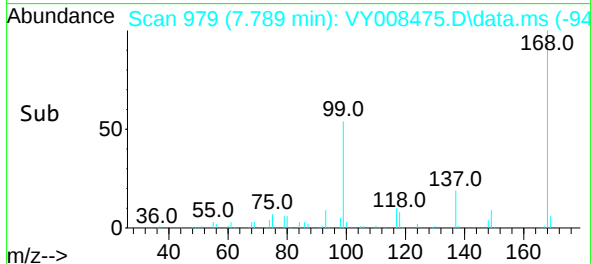
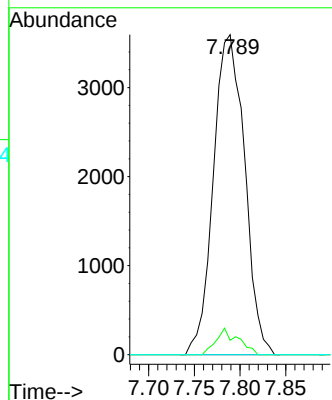
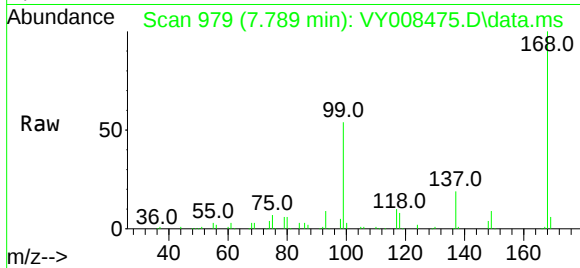




#38
Carbon Tetrachloride
Concen: 5.213 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

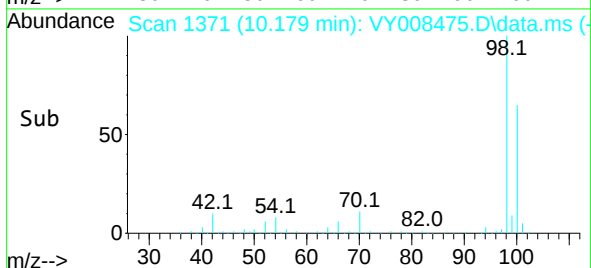
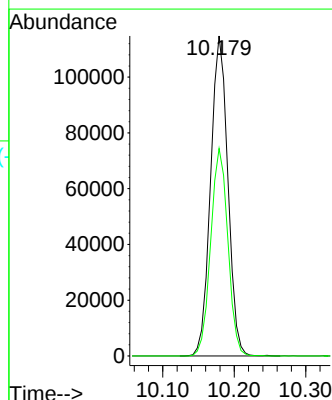
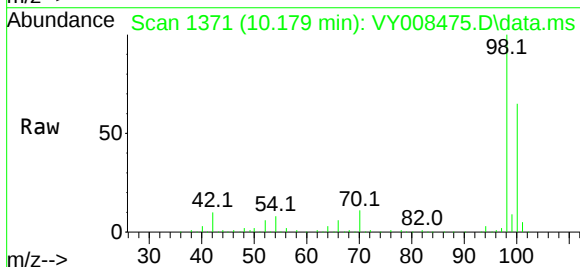
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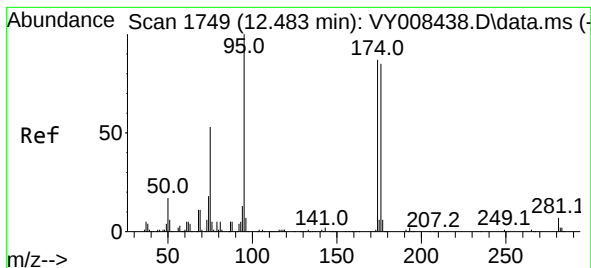
Tgt Ion:117 Resp: 8537
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.735 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

Tgt Ion: 98 Resp: 192204
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

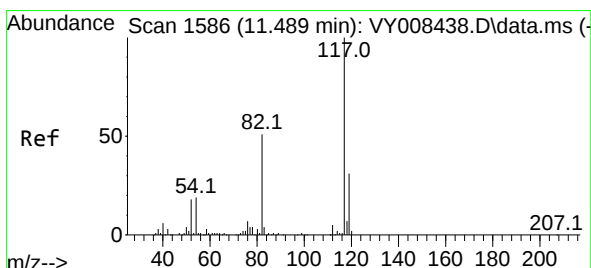
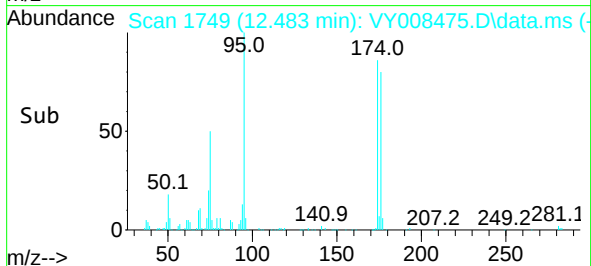
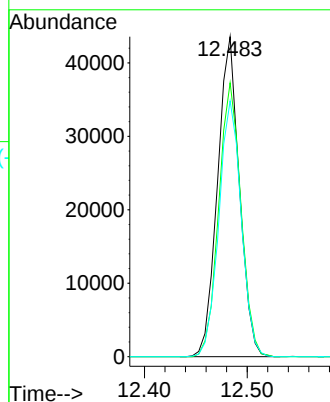
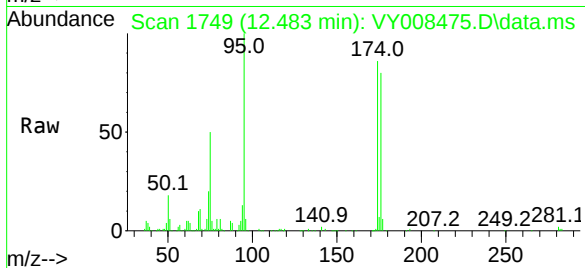




#62
4-Bromofluorobenzene
Concen: 48.063 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

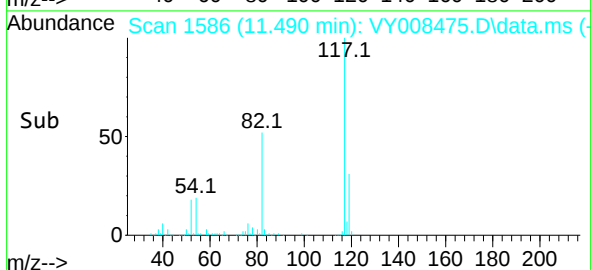
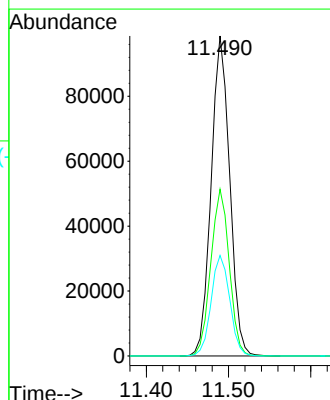
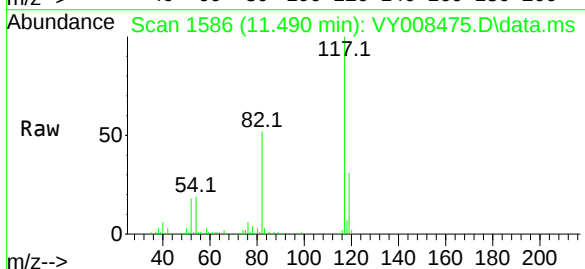
Instrument :
MSVOA_Y
ClientSampleId :
MH-3S

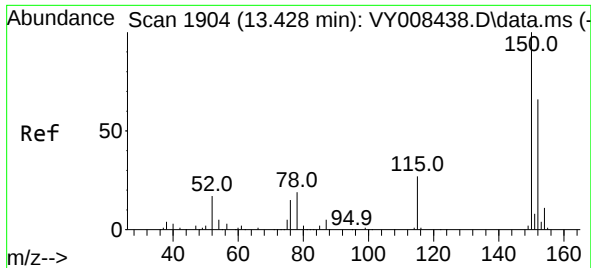
Tgt Ion: 95 Resp: 64124
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 81.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

Tgt Ion: 117 Resp: 154502
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.4 25.4 38.0

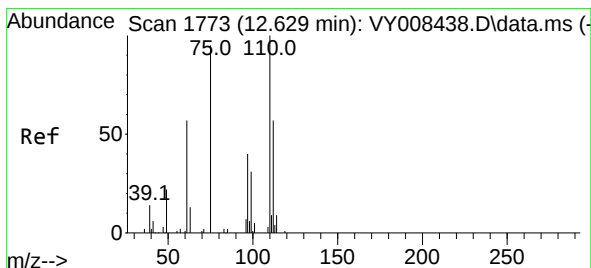
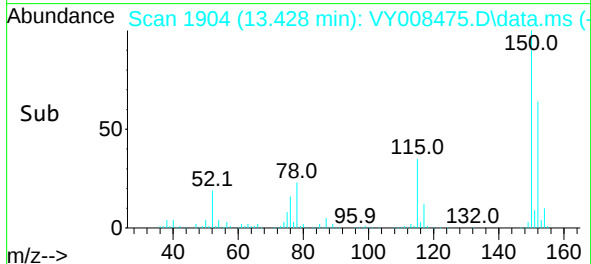
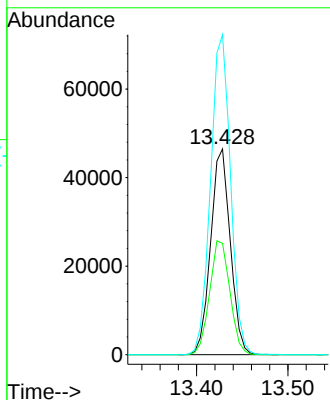
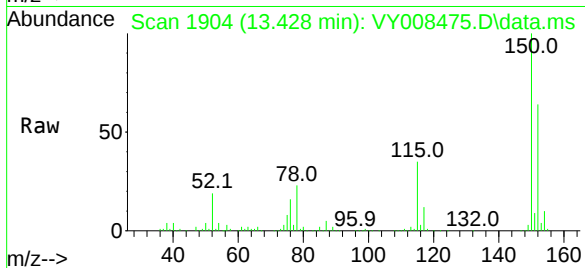




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008475.D
 Acq: 25 Apr 2022 12:33

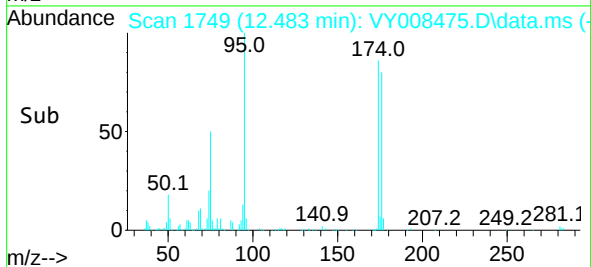
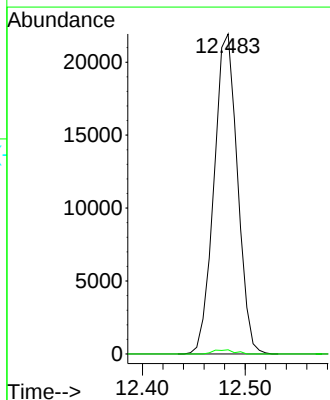
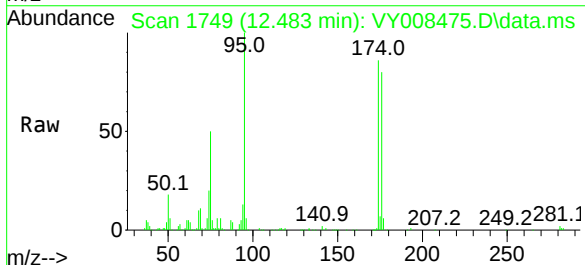
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-3S

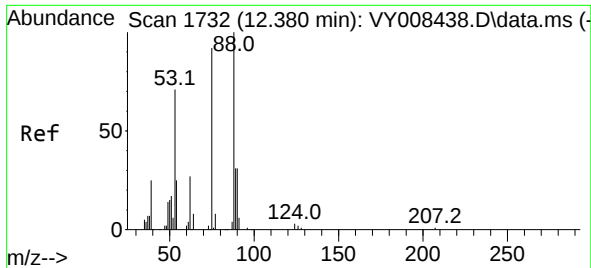
Tgt Ion:152 Resp: 69541
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.2 84.7
 150 157.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 38.591 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008475.D
 Acq: 25 Apr 2022 12:33

Tgt Ion: 75 Resp: 34731
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.527 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008475.D
 Acq: 25 Apr 2022 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-3S

Tgt Ion: 75 Resp: 34731
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

