

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012444.D
 Acq On : 01 Feb 2023 16:02
 Operator : KP/MD
 Sample : 01386-09
 Misc : 6.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-14-013123

Quant Time: Feb 01 23:06:05 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)

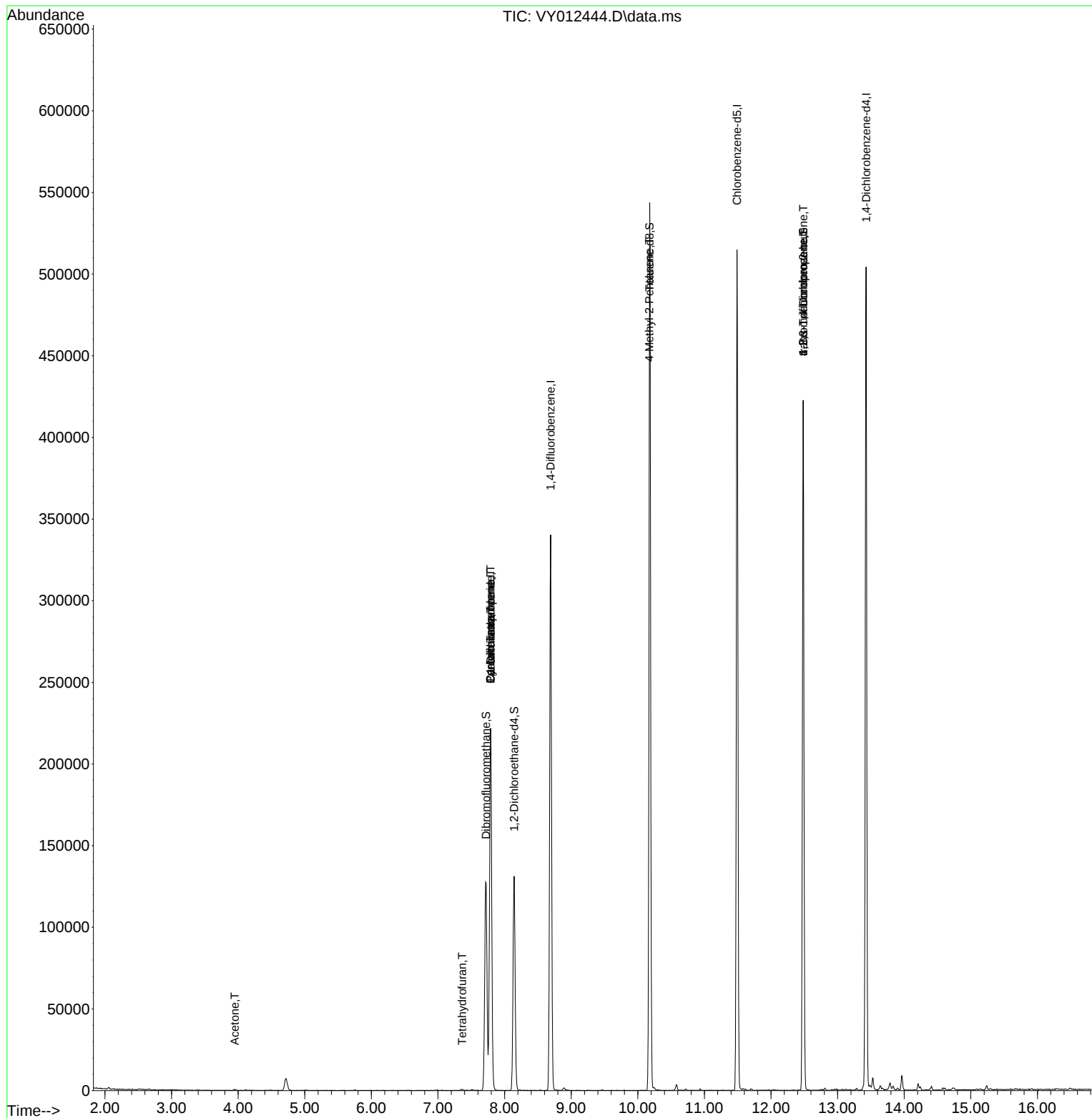
Internal Standards						
1) Pentafluorobenzene	7.789	168	178451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	298089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	290010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	108175	75.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.220%	
35) Dibromofluoromethane	7.722	113	88526	56.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.180%	
50) Toluene-d8	10.179	98	354702	66.269	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.540%	
62) 4-Bromofluorobenzene	12.483	95	119719	53.805	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.620%	
Target Compounds						Qvalue
16) Acetone	3.948	43	941	1.894	ug/l	99
20) Methylene Chloride	4.716	84	5974	Below Cal	#	79
29) Tetrahydrofuran	7.362	42	572	1.898	ug/l	91
31) Cyclohexane	7.789	56	3178	1.221	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11769	4.387	ug/l #	50
38) Carbon Tetrachloride	7.789	117	17450	5.037	ug/l #	18
51) 4-Methyl-2-Pentanone	10.173	43	1200	1.023	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	63148	50.505	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63148	104.062	ug/l #	13

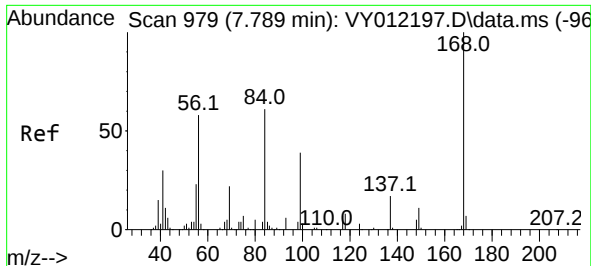
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

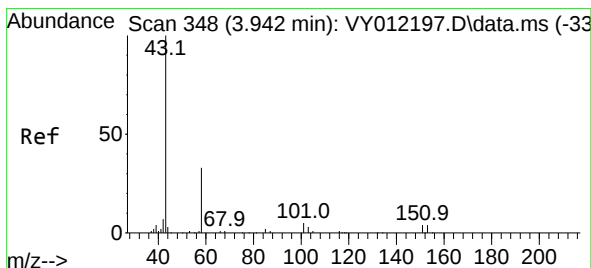
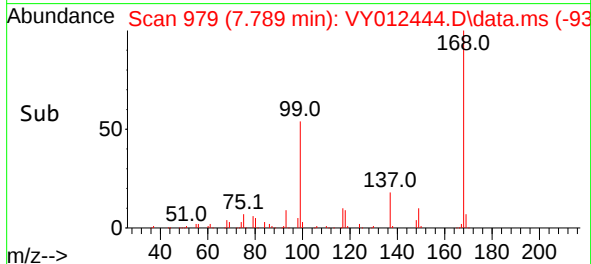
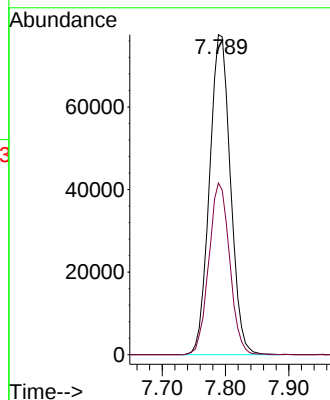
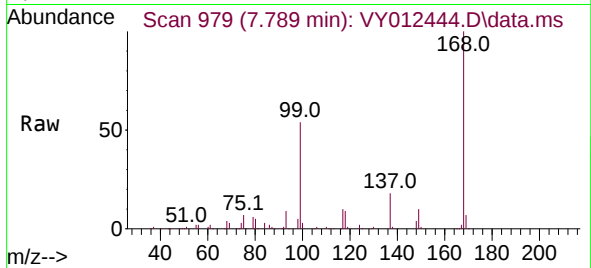




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012444.D
Acq: 01 Feb 2023 16:02

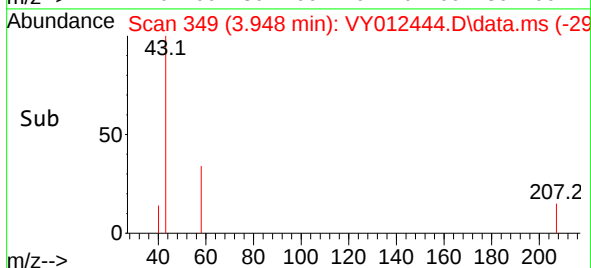
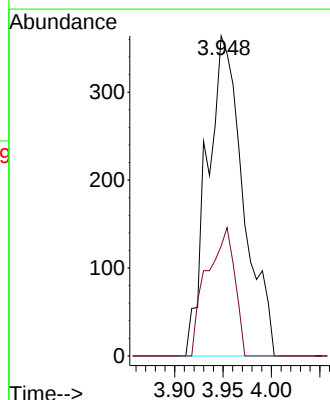
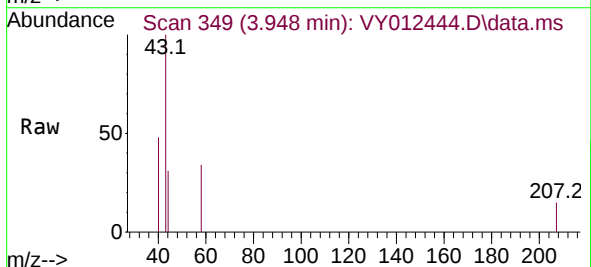
Instrument :
MSVOA_Y
ClientSampleId :
JPP-14-013123

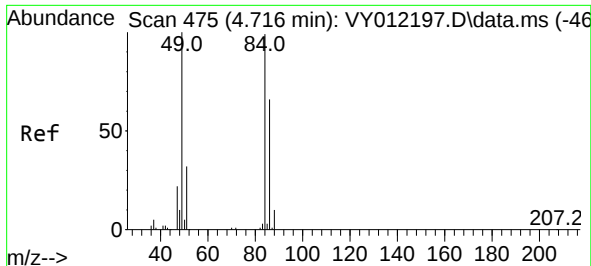
Tgt Ion:168 Resp: 178451
Ion Ratio Lower Upper
168 100
99 53.7 44.0 66.0



#16
Acetone
Concen: 1.894 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012444.D
Acq: 01 Feb 2023 16:02

Tgt Ion: 43 Resp: 941
Ion Ratio Lower Upper
43 100
58 34.3 27.9 41.9

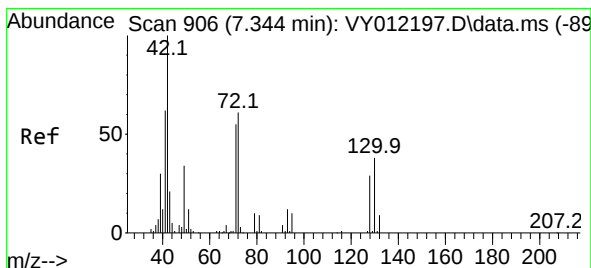
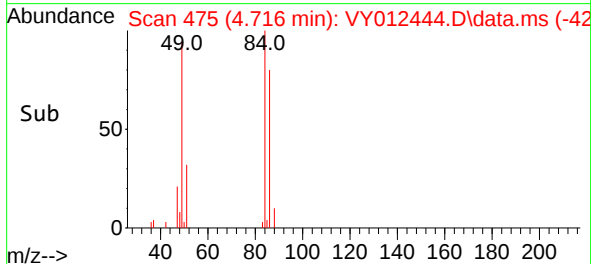
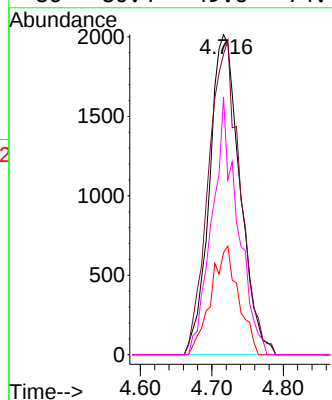
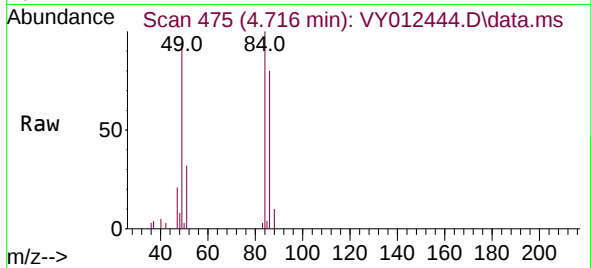




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012444.D
Acq: 01 Feb 2023 16:02

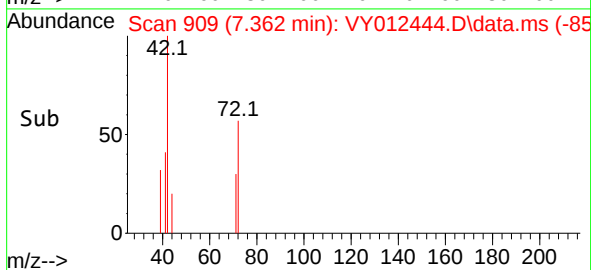
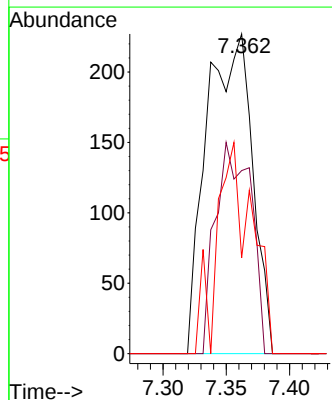
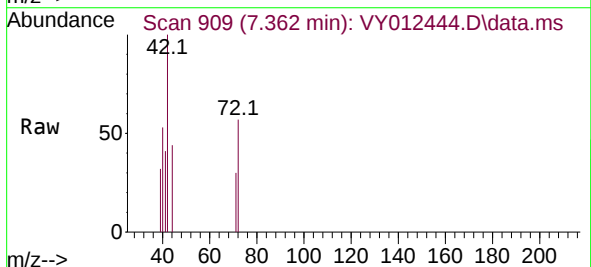
Instrument :
MSVOA_Y
ClientSampleId :
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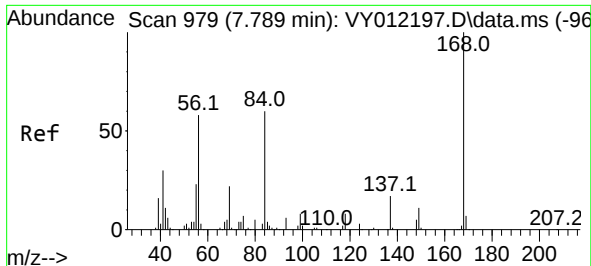
Tgt Ion: 84 Resp: 5974
Ion Ratio Lower Upper
84 100
49 93.9 95.4 143.2#
51 31.9 29.9 44.9
86 80.4 49.6 74.4#



#29
Tetrahydrofuran
Concen: 1.898 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.018 min
Lab File: VY012444.D
Acq: 01 Feb 2023 16:02

Tgt Ion: 42 Resp: 572
Ion Ratio Lower Upper
42 100
72 51.2 37.0 55.6
71 50.9 34.9 52.3

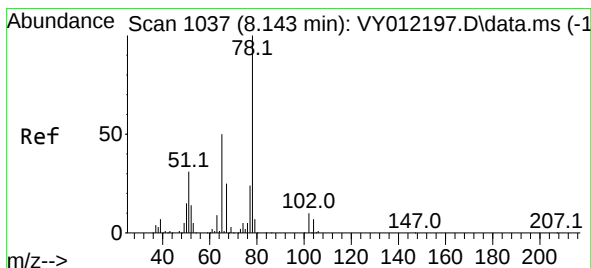
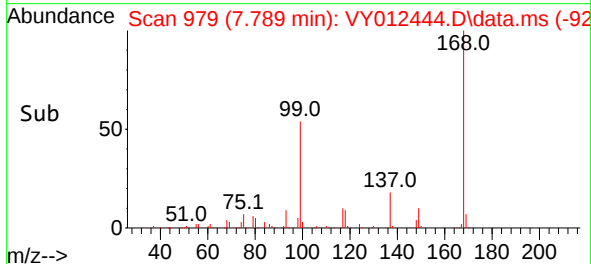
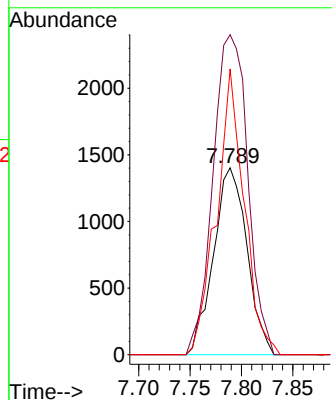
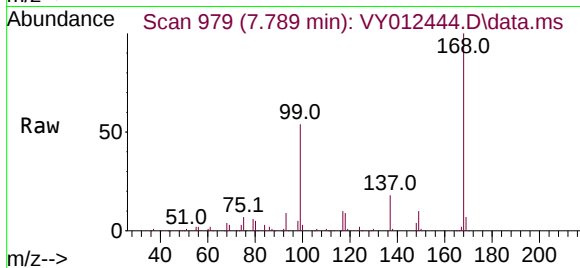




#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012444.D
Acq: 01 Feb 2023 16:02

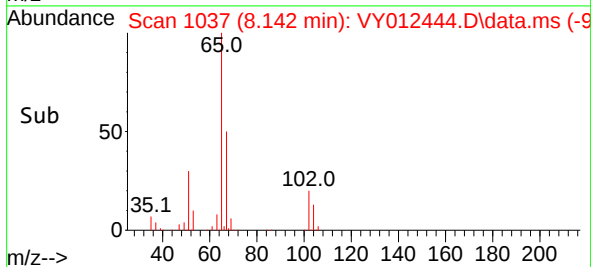
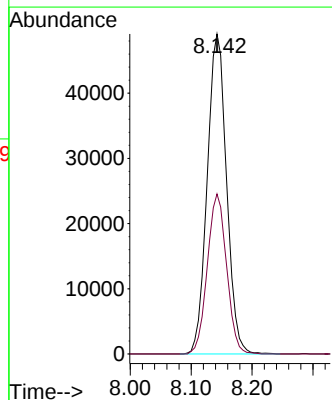
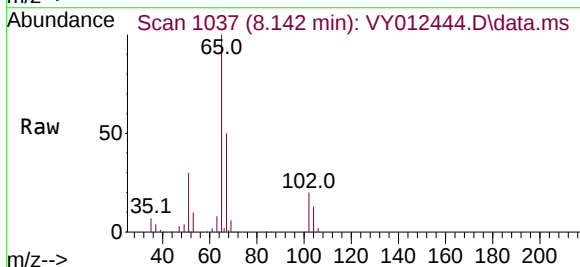
Instrument :
MSVOA_Y
ClientSampleId :
JPP-14-013123

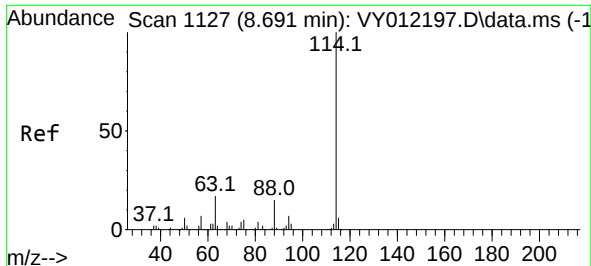
Tgt Ion: 56 Resp: 3178
Ion Ratio Lower Upper
56 100
69 171.2 29.2 43.8#
84 152.9 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 75.107 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012444.D
Acq: 01 Feb 2023 16:02

Tgt Ion: 65 Resp: 108175
Ion Ratio Lower Upper
65 100
67 49.7 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: VY012444.D

Acq: 01 Feb 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

JPP-14-013123

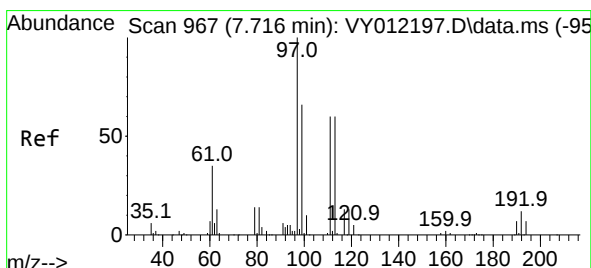
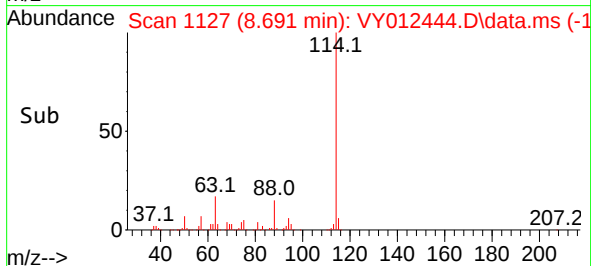
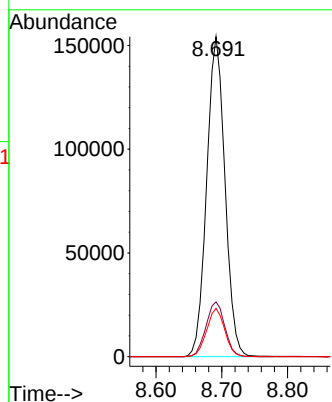
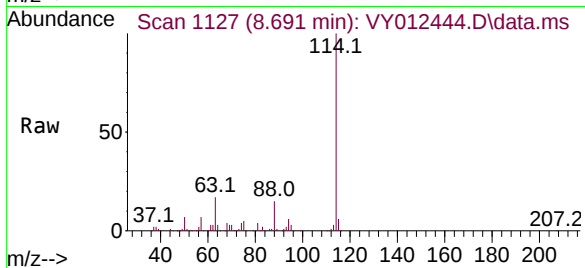
Tgt Ion:114 Resp: 298089

Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.087 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012444.D

Acq: 01 Feb 2023 16:02

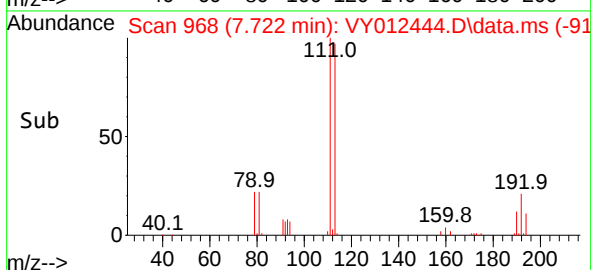
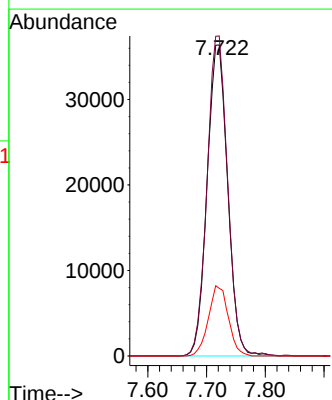
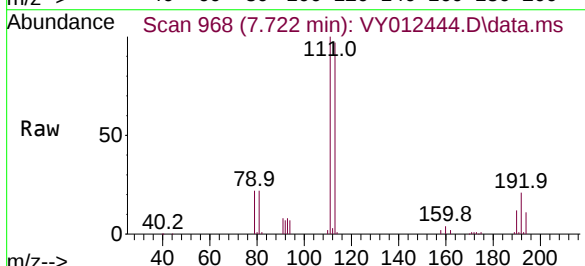
Tgt Ion:113 Resp: 88526

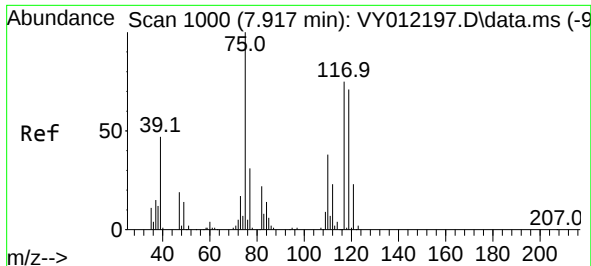
Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

192 21.8 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.387 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012444.D

Acq: 01 Feb 2023 16:02

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ClientSampleId :

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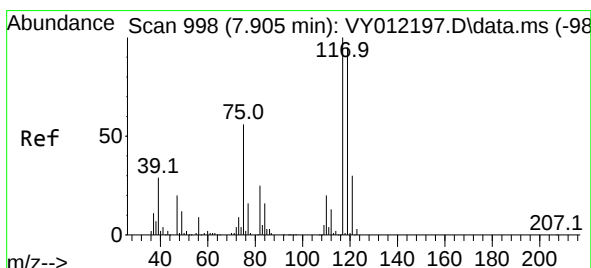
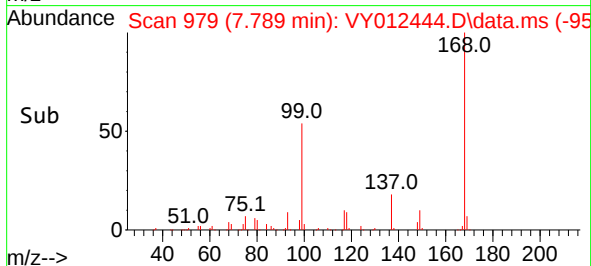
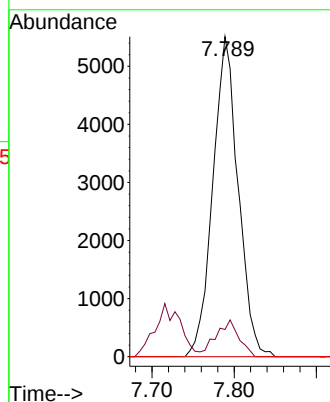
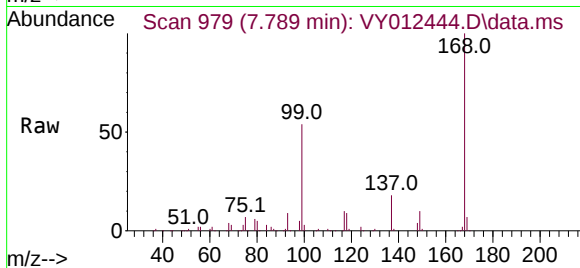
Tgt Ion: 75 Resp: 11769

Ion Ratio Lower Upper

75 100

110 10.4 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.037 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012444.D

Acq: 01 Feb 2023 16:02

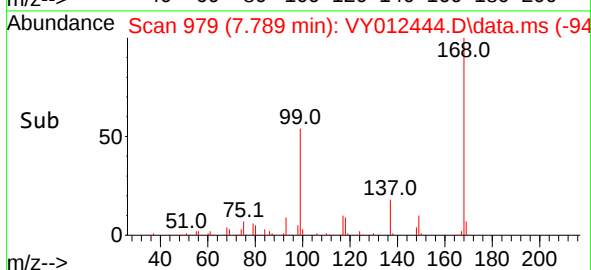
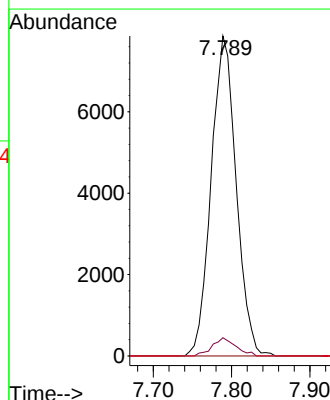
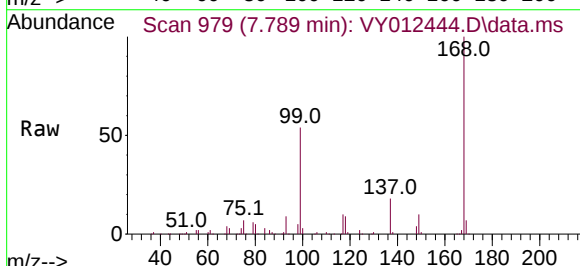
Tgt Ion: 117 Resp: 17450

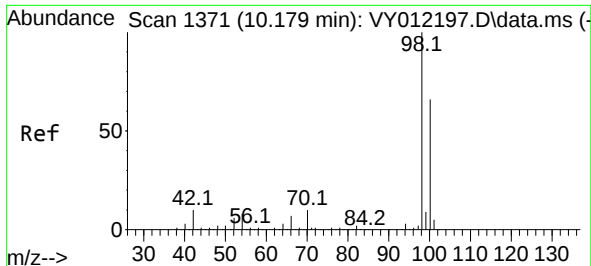
Ion Ratio Lower Upper

117 100

119 5.7 73.8 110.8#

121 0.0 25.2 37.8#

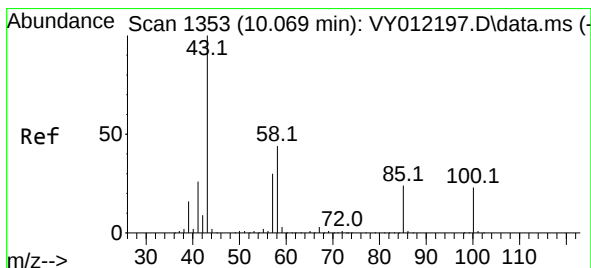
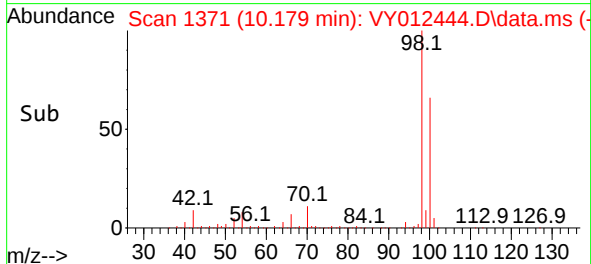
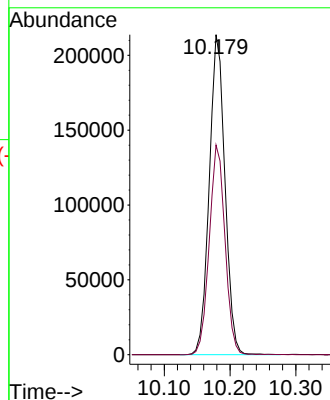
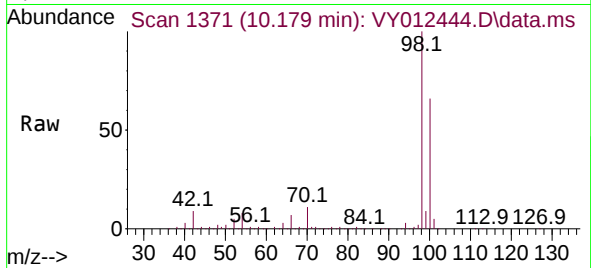




#50
Toluene-d8
Concen: 66.269 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY012444.D
Acq: 01 Feb 2023 16:02

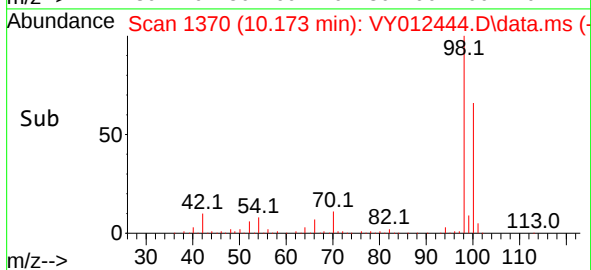
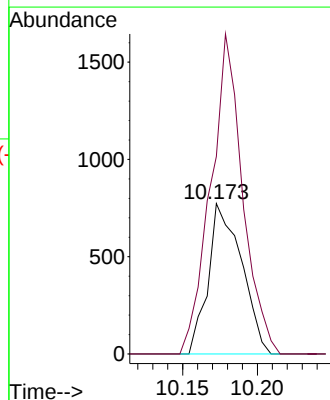
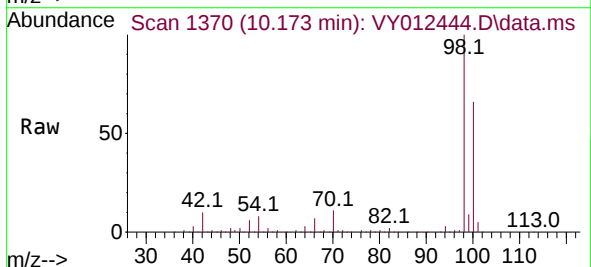
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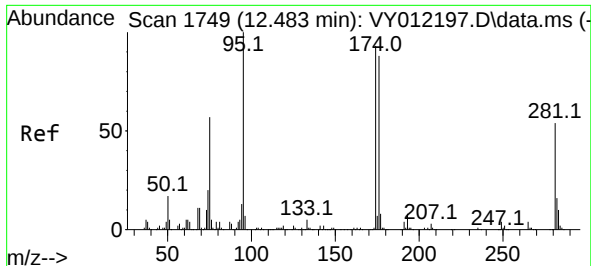
Tgt Ion: 98 Resp: 354702
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.023 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY012444.D
Acq: 01 Feb 2023 16:02

Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
58 203.8 32.9 49.3#

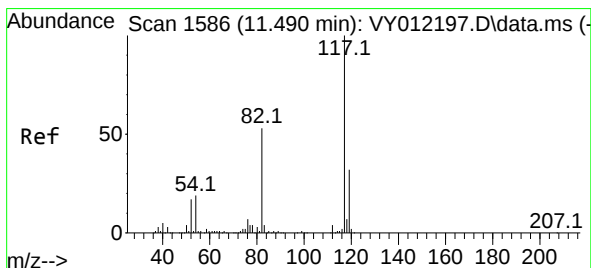
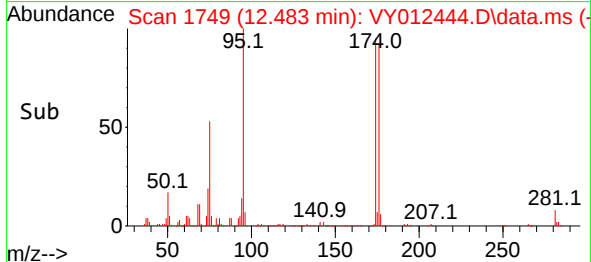
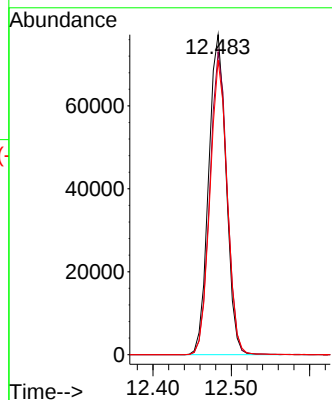
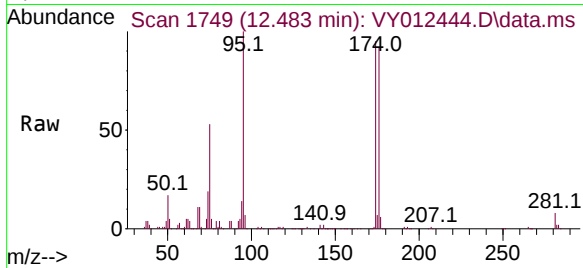




#62
4-Bromofluorobenzene
Concen: 53.805 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012444.D
Acq: 01 Feb 2023 16:02

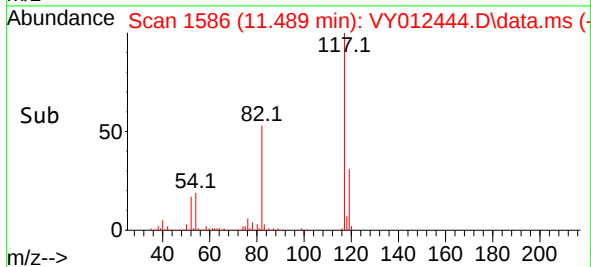
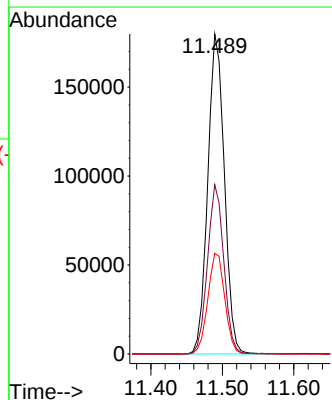
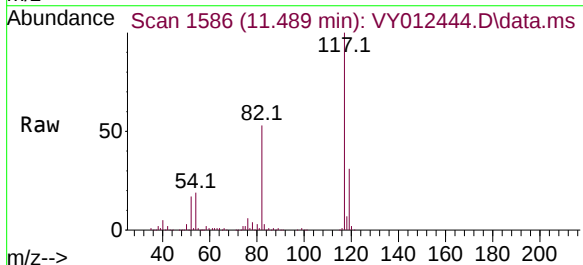
Instrument :
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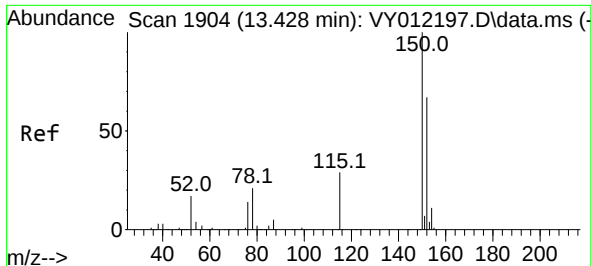
Tgt Ion: 95 Resp: 119719
Ion Ratio Lower Upper
95 100
174 93.7 0.0 172.0
176 90.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012444.D
Acq: 01 Feb 2023 16:02

Tgt Ion: 117 Resp: 290010
Ion Ratio Lower Upper
117 100
82 52.9 44.8 67.2
119 31.4 25.4 38.2

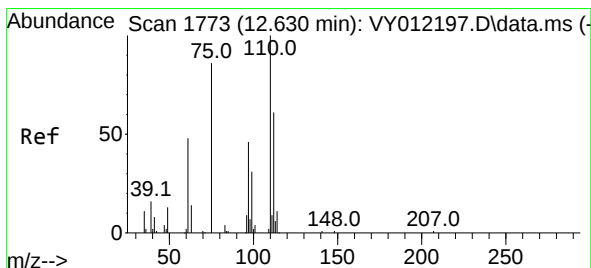
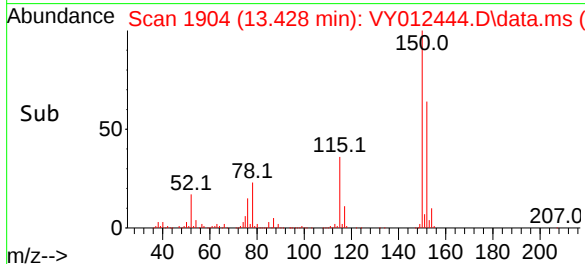
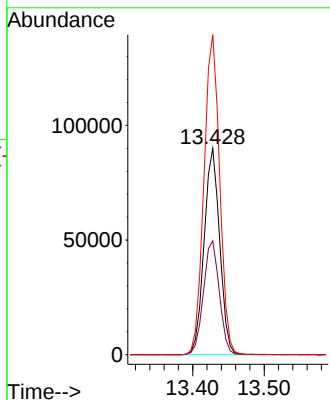
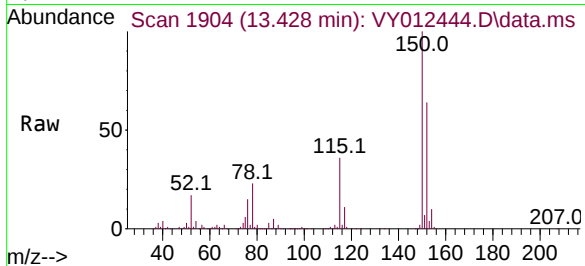




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012444.D
 Acq: 01 Feb 2023 16:02

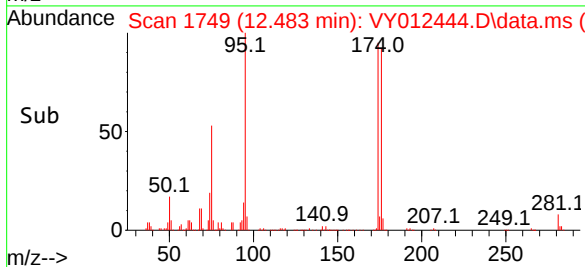
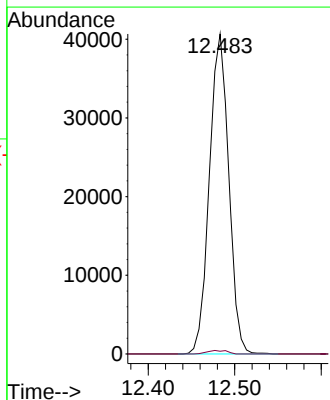
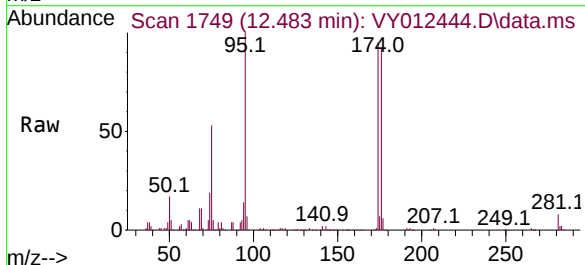
Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-14-013123

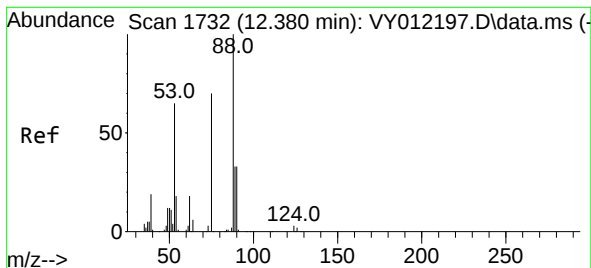
Tgt Ion:152 Resp: 135975
 Ion Ratio Lower Upper
 152 100
 115 56.3 29.1 87.3
 150 157.1 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 50.505 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012444.D
 Acq: 01 Feb 2023 16:02

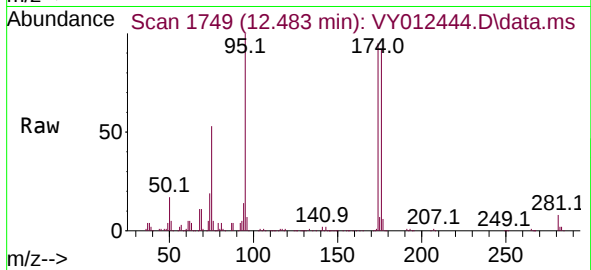
Tgt Ion: 75 Resp: 63148
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.062 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012444.D
 Acq: 01 Feb 2023 16:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-14-013123



Tgt Ion: 75 Resp: 63148
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

