

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012443.D
 Acq On : 01 Feb 2023 15:39
 Operator : KP/MD
 Sample : 01386-05
 Misc : 7.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-6-013123

Quant Time: Feb 01 23:05:48 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)

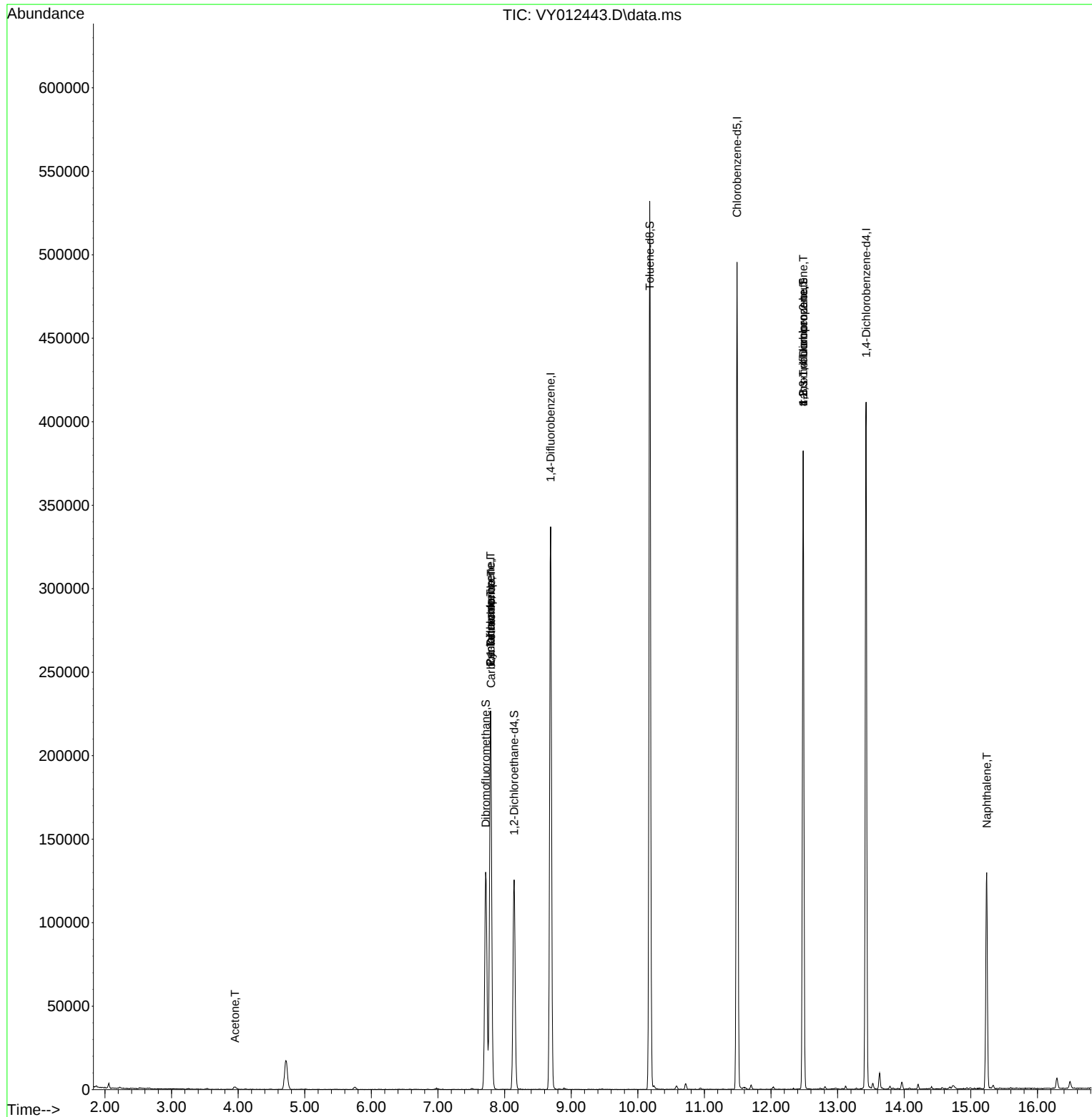
Internal Standards						
1) Pentafluorobenzene	7.789	168	180036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	302776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	280572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	107927	74.228	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 148.460%		
35) Dibromofluoromethane	7.716	113	91116	56.834	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 113.660%		
50) Toluene-d8	10.179	98	356448	65.513	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 131.020%		
62) 4-Bromofluorobenzene	12.483	95	107489	47.561	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 95.120%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	290	Below Cal	#	74
16) Acetone	3.954	43	3042	6.068	ug/l	90
20) Methylene Chloride	4.722	84	14671	Below Cal		93
31) Cyclohexane	7.789	56	3223	1.228	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	11942	4.383	ug/l #	51
38) Carbon Tetrachloride	7.795	117	17294	4.915	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	57481	55.466	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57481	114.284	ug/l #	13
95) Naphthalene	15.239	128	114130	26.004	ug/l	99

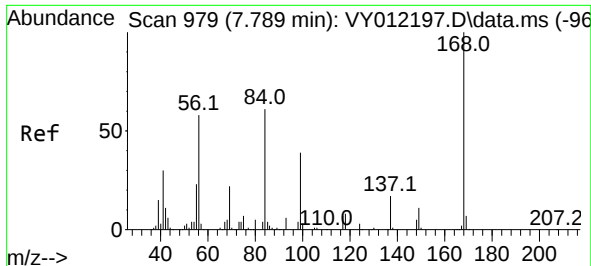
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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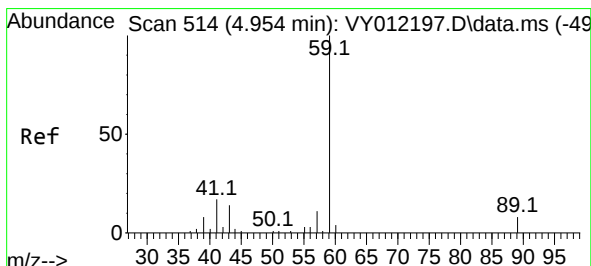
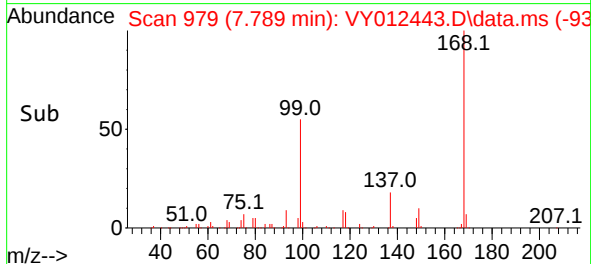
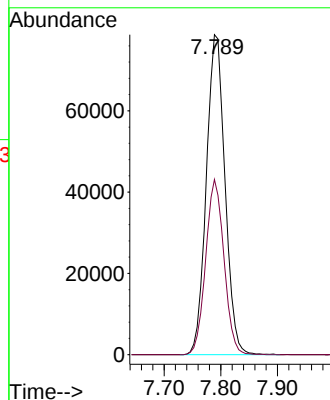
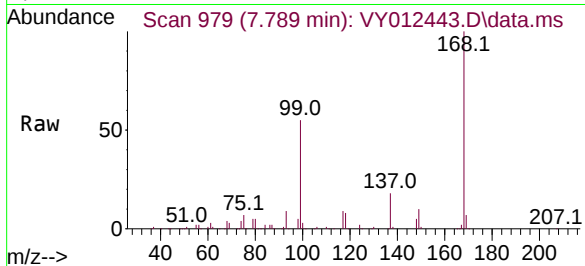




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012443.D
Acq: 01 Feb 2023 15:39

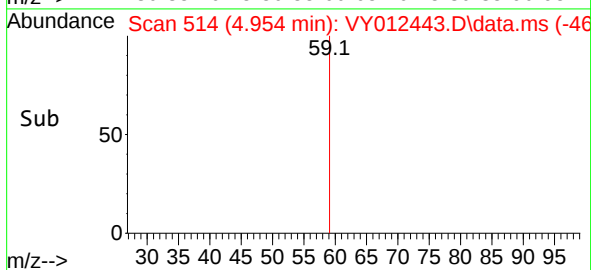
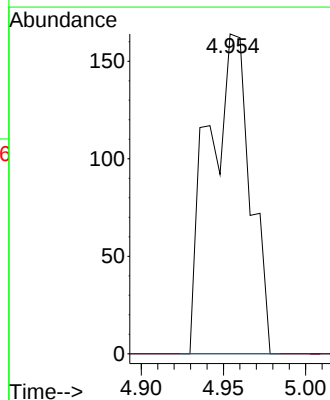
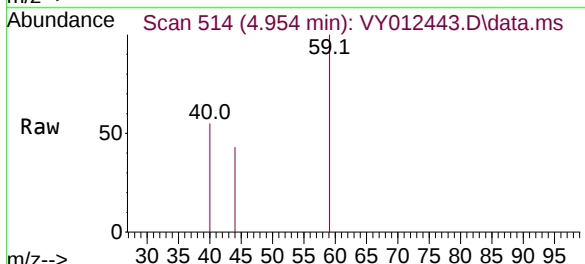
Instrument :
MSVOA_Y
ClientSampleId :
JPP-6-013123

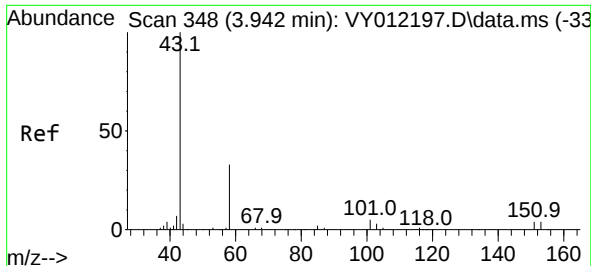
Tgt Ion:168 Resp: 180036
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012443.D
Acq: 01 Feb 2023 15:39

Tgt Ion: 59 Resp: 290
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 6.068 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY012443.D

Acq: 01 Feb 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

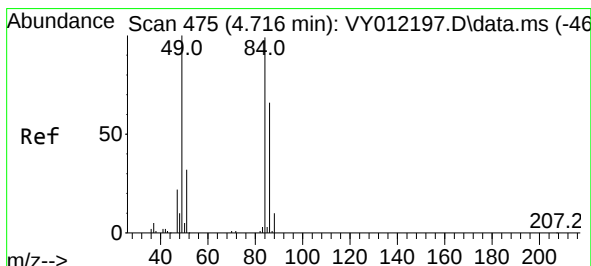
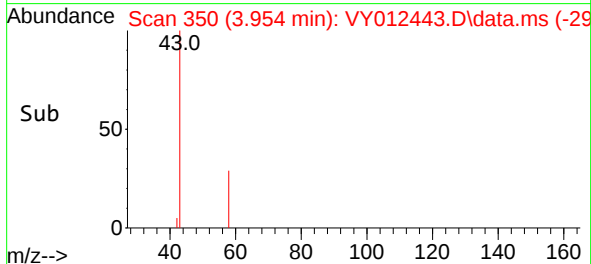
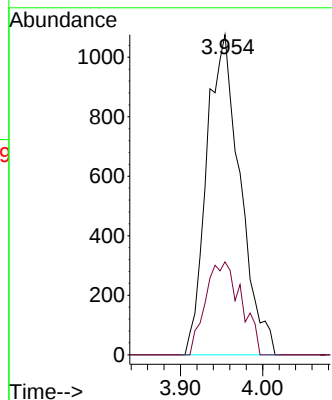
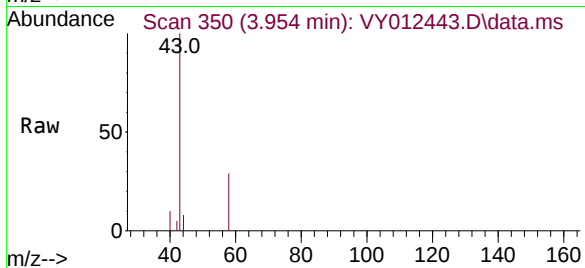
JPP-6-013123

Tgt Ion: 43 Resp: 3042

Ion Ratio Lower Upper

43 100

58 29.0 27.9 41.9



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY012443.D

Acq: 01 Feb 2023 15:39

Tgt Ion: 84 Resp: 14671

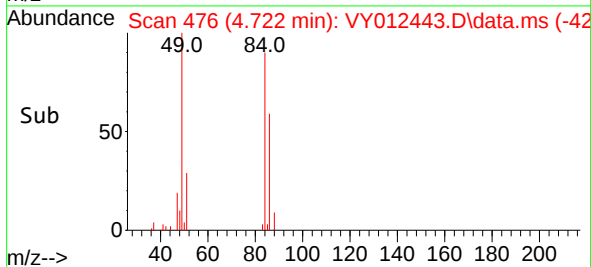
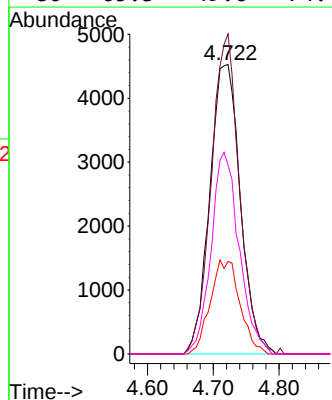
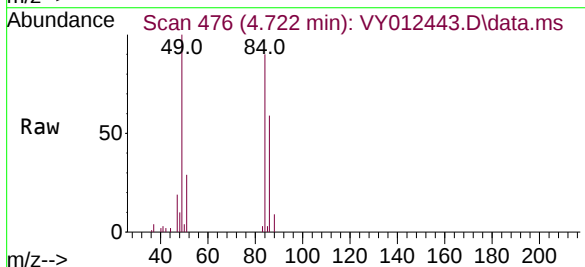
Ion Ratio Lower Upper

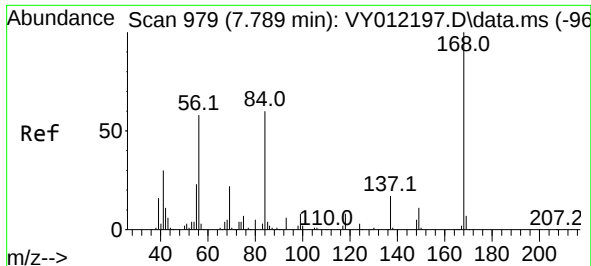
84 100

49 110.5 95.4 143.2

51 32.0 29.9 44.9

86 65.3 49.6 74.4

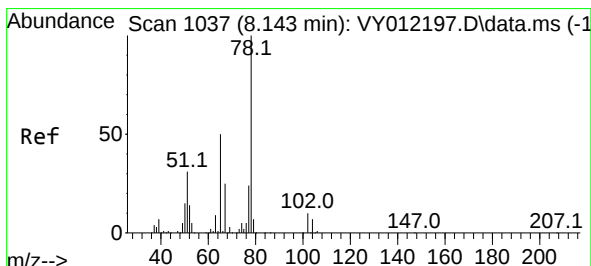
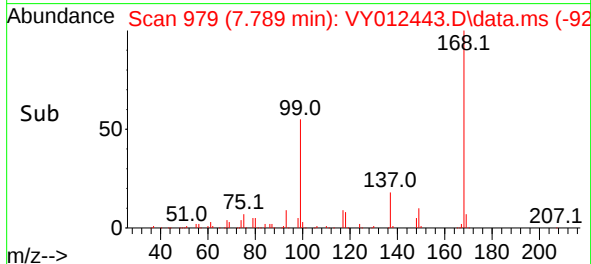
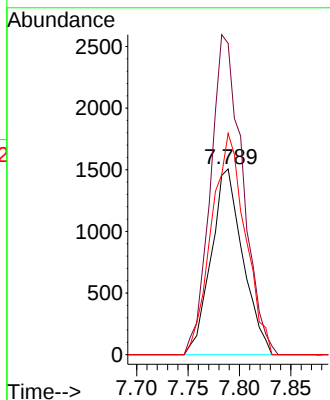
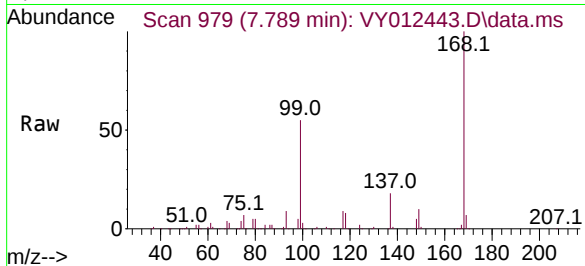




#31
Cyclohexane
Concen: 1.228 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012443.D
Acq: 01 Feb 2023 15:39

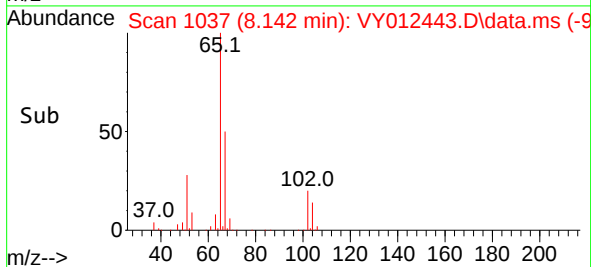
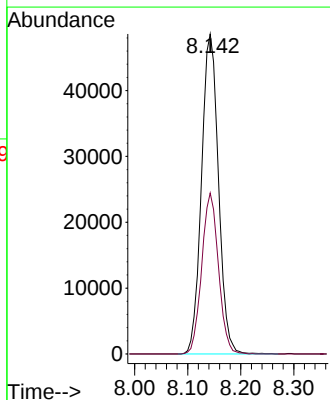
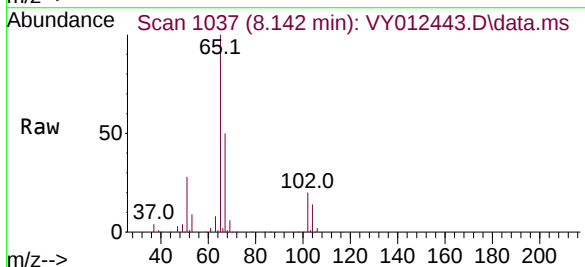
Instrument :
MSVOA_Y
ClientSampleId :
JPP-6-013123

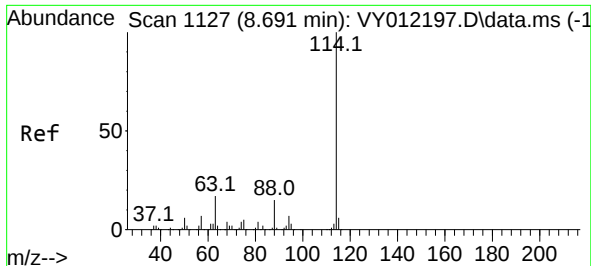
Tgt Ion: 56 Resp: 3223
Ion Ratio Lower Upper
56 100
69 167.6 29.2 43.8#
84 119.1 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 74.228 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012443.D
Acq: 01 Feb 2023 15:39

Tgt Ion: 65 Resp: 107927
Ion Ratio Lower Upper
65 100
67 49.6 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: VY012443.D

Acq: 01 Feb 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

JPP-6-013123

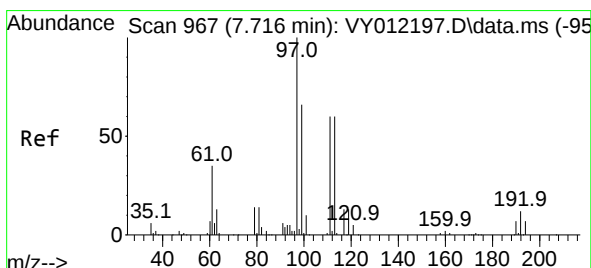
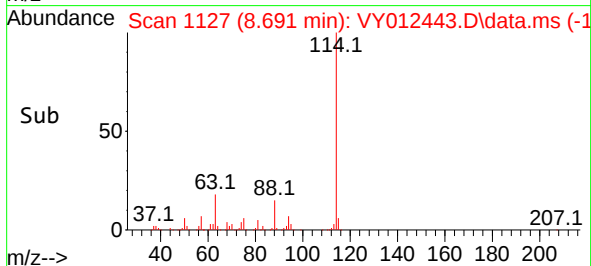
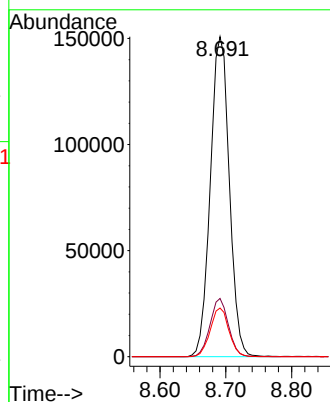
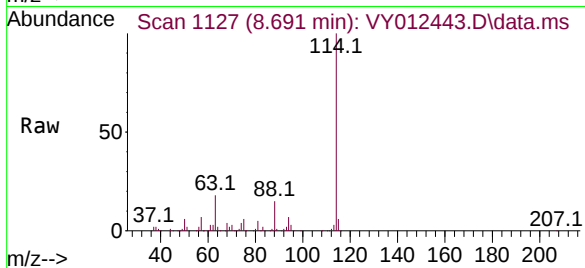
Tgt Ion:114 Resp: 302776

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.834 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012443.D

Acq: 01 Feb 2023 15:39

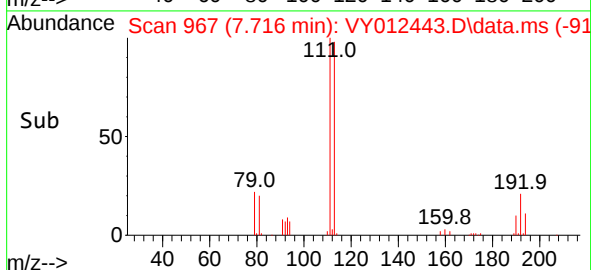
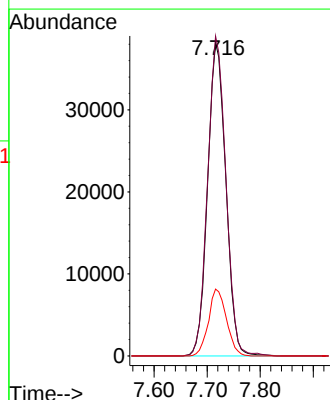
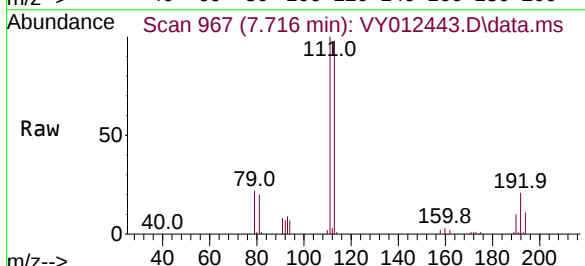
Tgt Ion:113 Resp: 91116

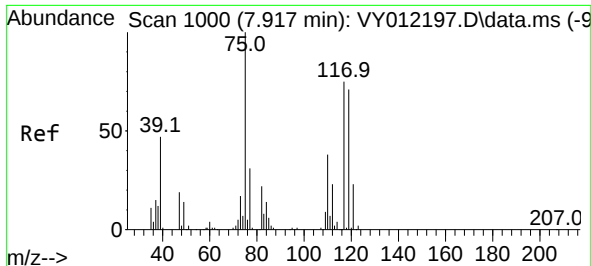
Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

192 21.1 16.0 24.0

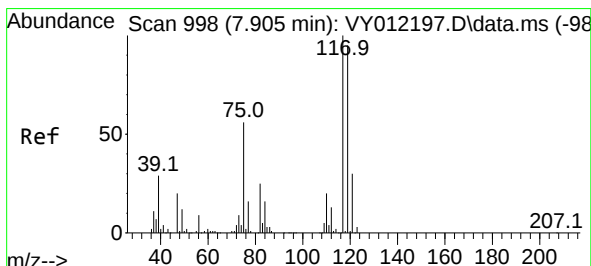
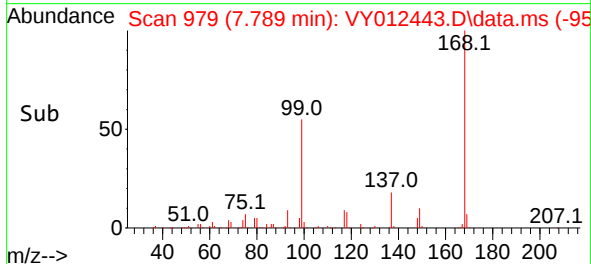
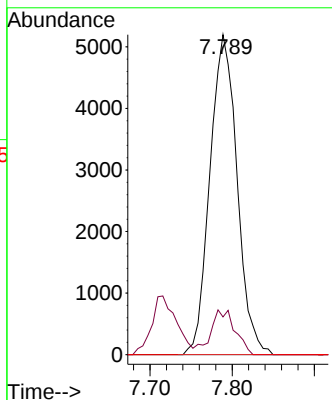
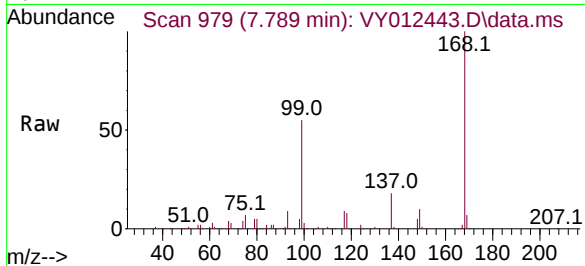




#36
 1,1-Dichloropropene
 Concen: 4.383 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY012443.D
 Acq: 01 Feb 2023 15:39

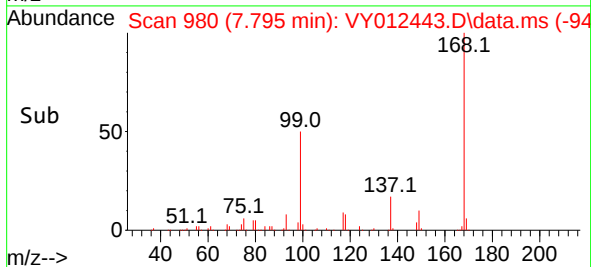
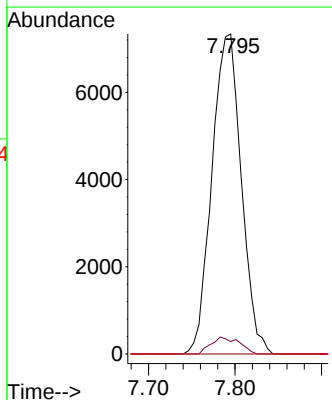
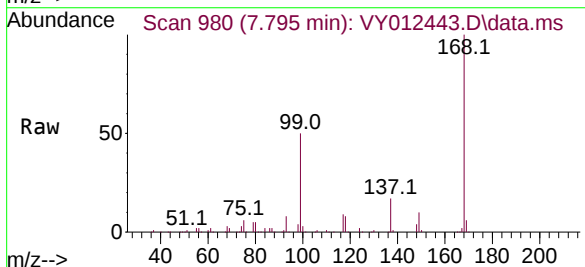
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 JPP-6-013123

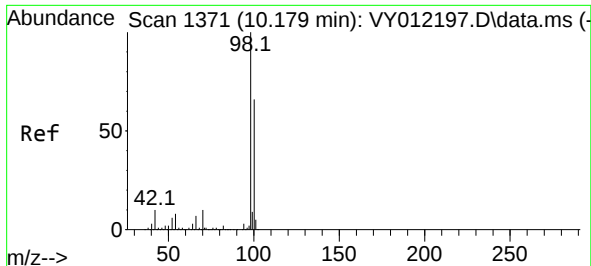
Tgt Ion: 75 Resp: 11942
 Ion Ratio Lower Upper
 75 100
 110 11.6 18.1 54.1#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 4.915 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.104 min
 Lab File: VY012443.D
 Acq: 01 Feb 2023 15:39

Tgt Ion: 117 Resp: 17294
 Ion Ratio Lower Upper
 117 100
 119 3.9 73.8 110.8#
 121 0.0 25.2 37.8#

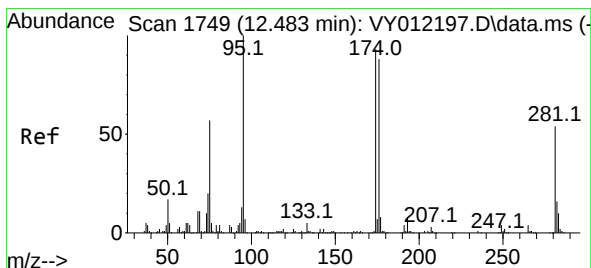
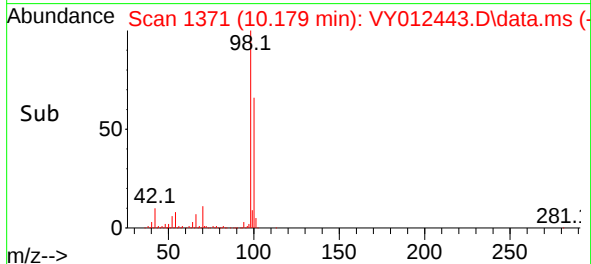
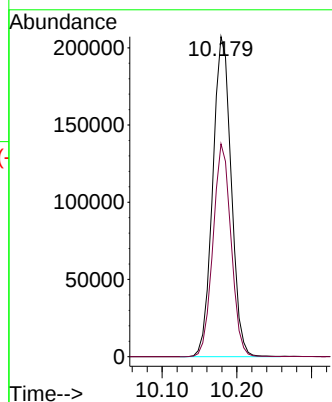
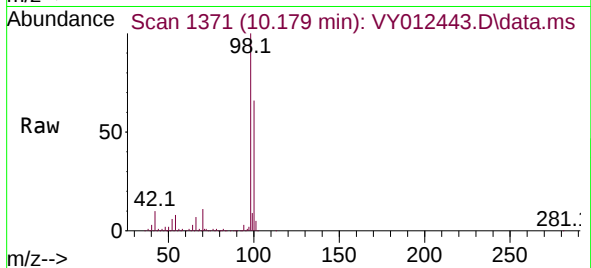




#50
Toluene-d8
Concen: 65.513 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012443.D
Acq: 01 Feb 2023 15:39

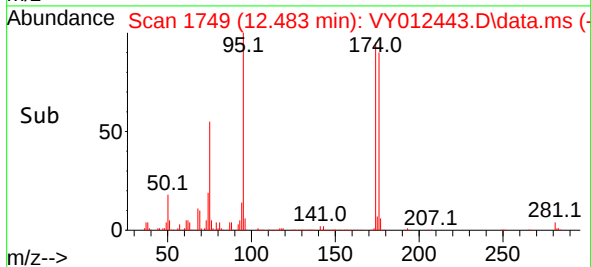
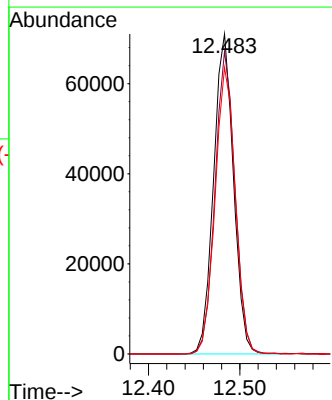
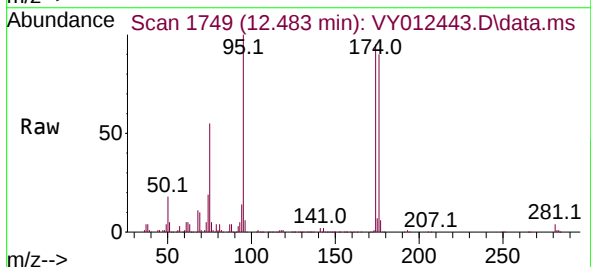
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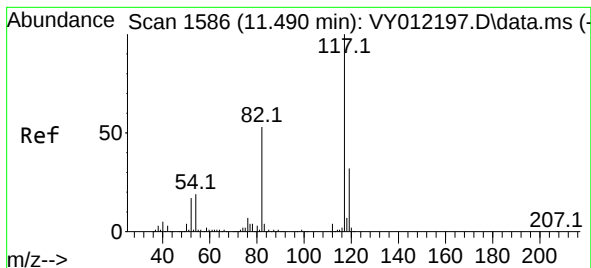
Tgt Ion: 98 Resp: 356448
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.561 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012443.D
Acq: 01 Feb 2023 15:39

Tgt Ion: 95 Resp: 107489
Ion Ratio Lower Upper
95 100
174 94.8 0.0 172.0
176 91.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012443.D

Acq: 01 Feb 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

JPP-6-013123

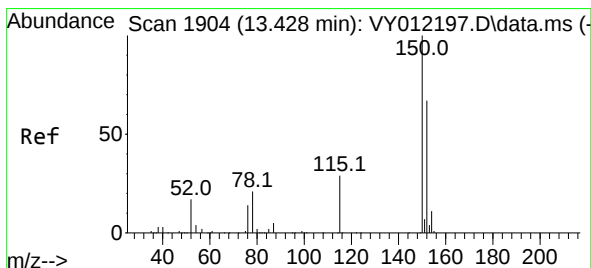
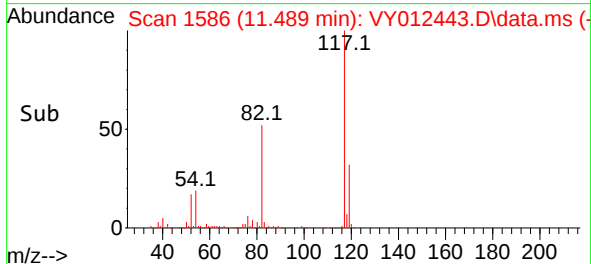
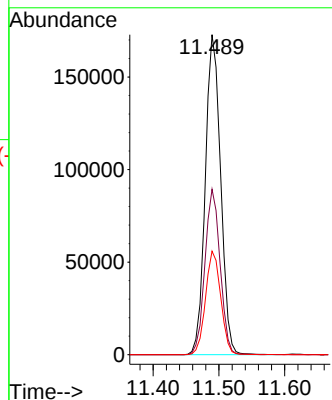
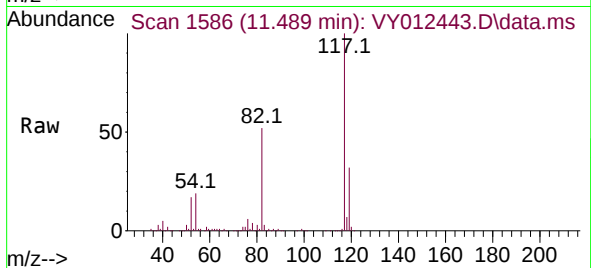
Tgt Ion:117 Resp: 280572

Ion Ratio Lower Upper

117 100

82 51.7 44.8 67.2

119 32.4 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: VY012443.D

Acq: 01 Feb 2023 15:39

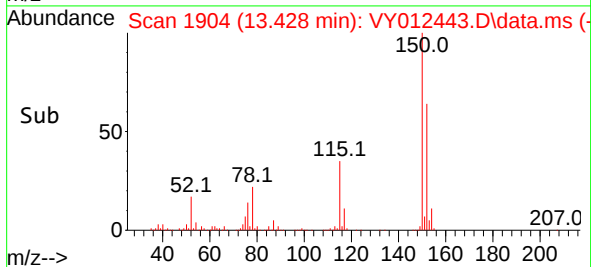
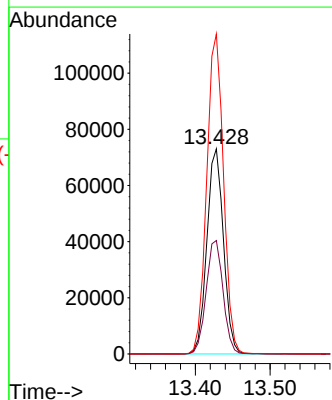
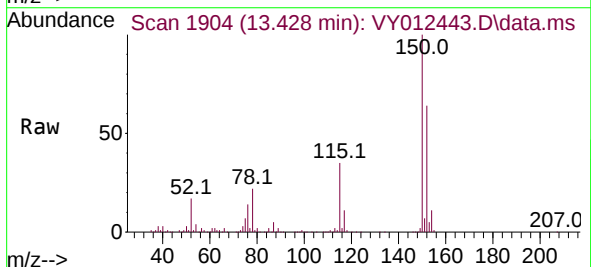
Tgt Ion:152 Resp: 112702

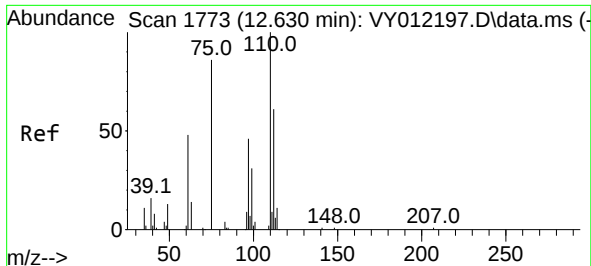
Ion Ratio Lower Upper

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115 56.5 29.1 87.3

150 157.4 0.0 342.6

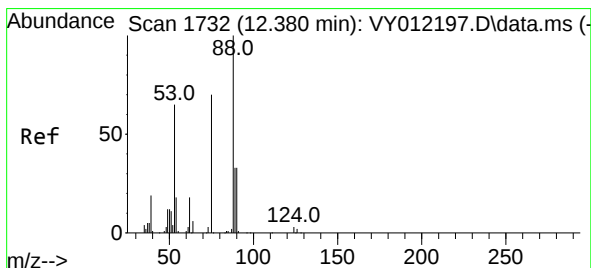
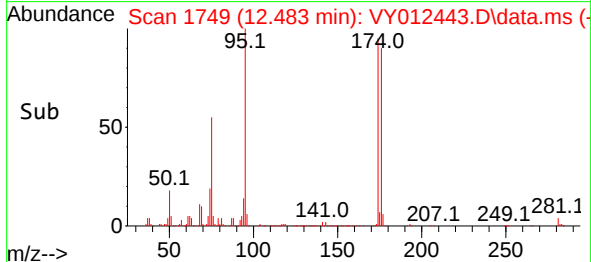
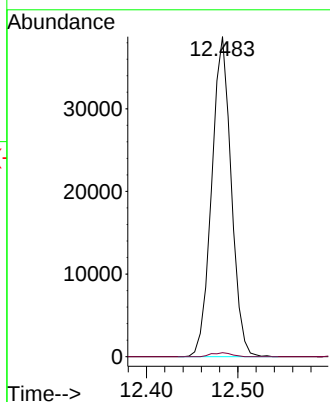
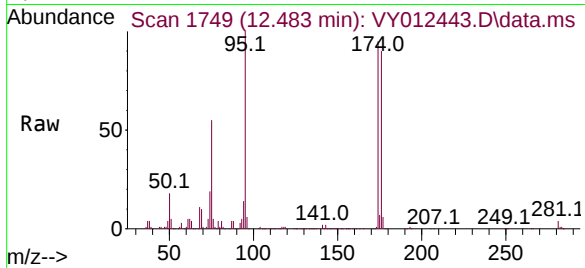




#76
1,2,3-Trichloropropane
Concen: 55.466 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012443.D
Acq: 01 Feb 2023 15:39

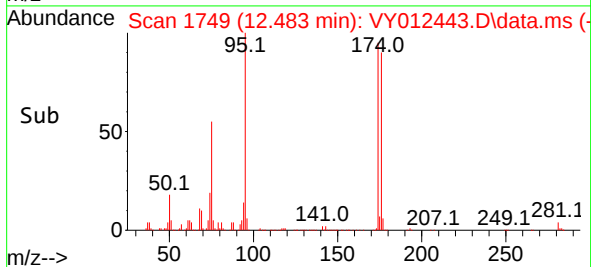
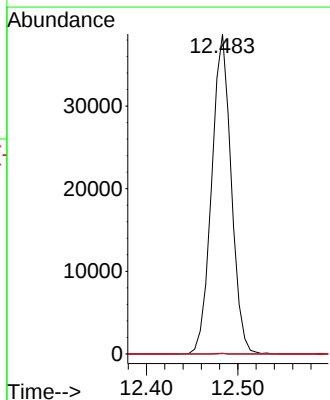
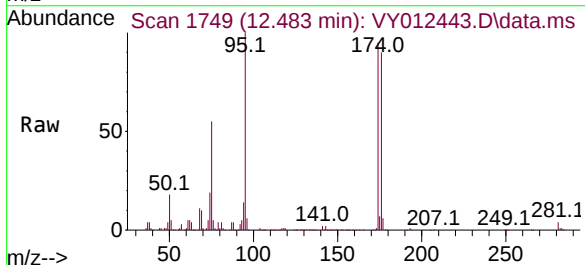
Instrument :
MSVOA_Y
ClientSampleId :
JPP-6-013123

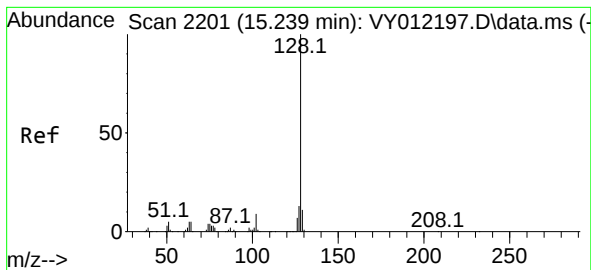
Tgt Ion: 75 Resp: 57481
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.284 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012443.D
Acq: 01 Feb 2023 15:39

Tgt Ion: 75 Resp: 57481
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.1 37.0 55.4#





#95

Naphthalene

Concen: 26.004 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012443.D

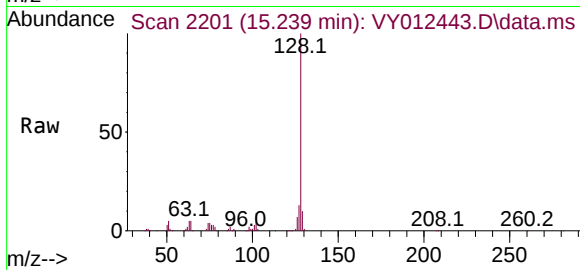
Acq: 01 Feb 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

JPP-6-013123



Tgt Ion:128 Resp: 114130

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.8 8.8 13.2

