

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
 Data File : VU059192.D
 Acq On : 07 Jun 2024 17:14
 Operator : MD/SY
 Sample : P2693-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 08 03:19:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 08 01:56:01 2024
 Response via : Initial Calibration

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

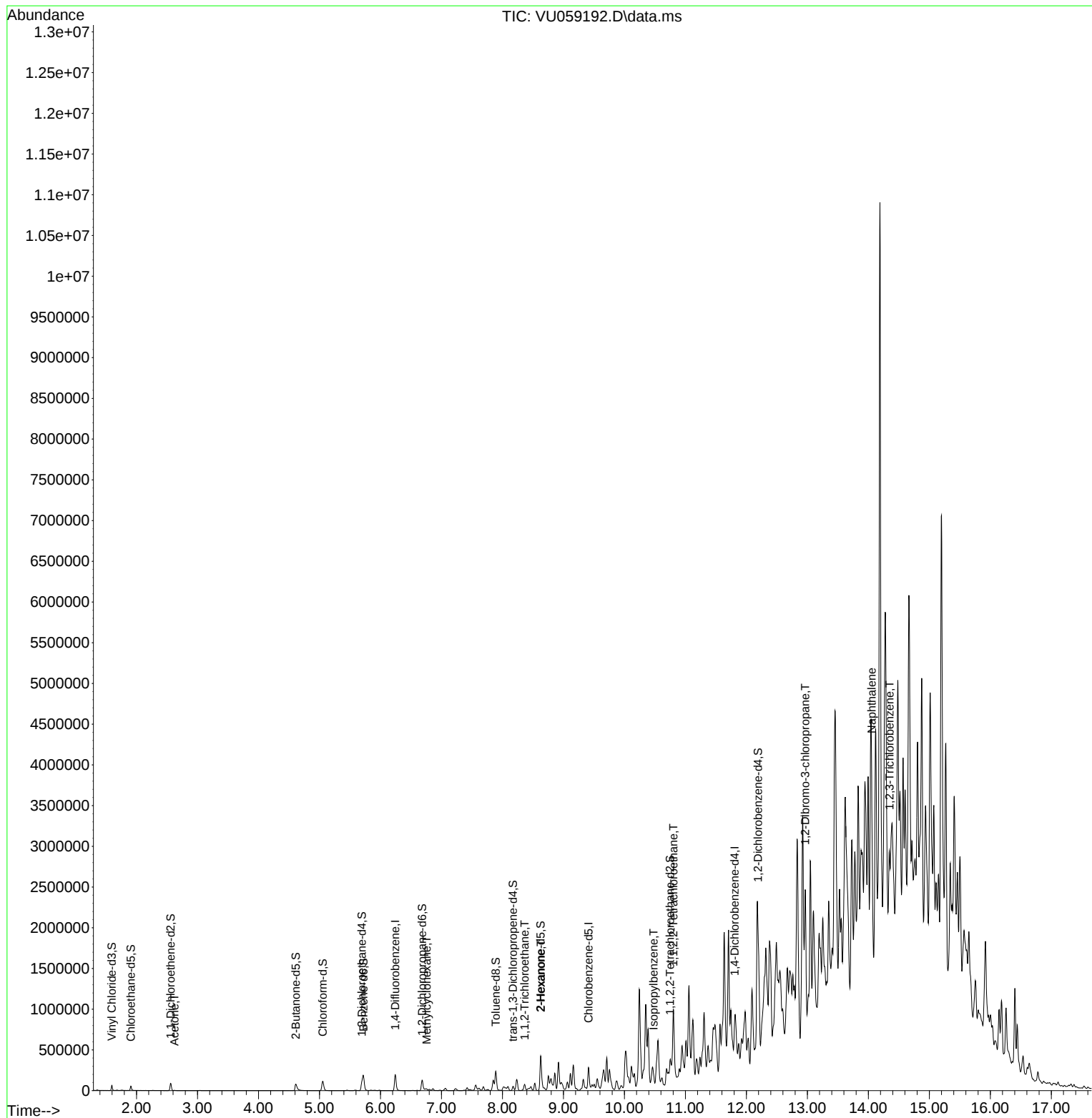
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161817	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153668	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67780	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45355	46.812	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.620%			
7) Chloroethane-d5	1.907	69	42261	50.920	ug/L	0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.840%			
11) 1,1-Dichloroethene-d2	2.560	63	55016	28.768	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.540%#			
21) 2-Butanone-d5	4.611	46	119234	130.565	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 130.560%#			
24) Chloroform-d	5.055	84	103409	53.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.220%			
26) 1,2-Dichloroethane-d4	5.695	65	68128	57.630	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.260%			
32) Benzene-d6	5.721	84	173570	49.213	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.420%			
36) 1,2-Dichloropropane-d6	6.682	67	66285	54.508	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.020%			
41) Toluene-d8	7.891	98	137490	45.921	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.840%			
43) trans-1,3-Dichloroprop...	8.174	79	27879	56.716	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 113.440%			
47) 2-Hexanone-d5	8.627	63	82790	147.222	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 147.220%#			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	114218	55.497	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 111.000%			
66) 1,2-Dichlorobenzene-d4	12.190	152	57009	56.360	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.720%			
Target Compounds					Qvalue	
13) Acetone	2.621	43	3976	3.704	ug/L	97
35) Methylcyclohexane	6.756	83	8770	4.390	ug/L #	76
45) 1,1,2-Trichloroethane	8.364	97	26399	18.635	ug/L #	17
48) 2-Hexanone	8.631	43	86097	49.419	ug/L #	26
57) 1,1,2,2-Tetrachloroethane	10.804	83	71330	27.640	ug/L #	39
61) Isopropylbenzene	10.479	105	28082	5.889	ug/L #	95
68) 1,2-Dibromo-3-chloropr...	12.965	75	6558	13.724	ug/L #	10
71) Naphthalene	14.055	128	44048	11.837	ug/L #	1
72) 1,2,3-Trichlorobenzene	14.347	180	21233	17.766	ug/L #	1

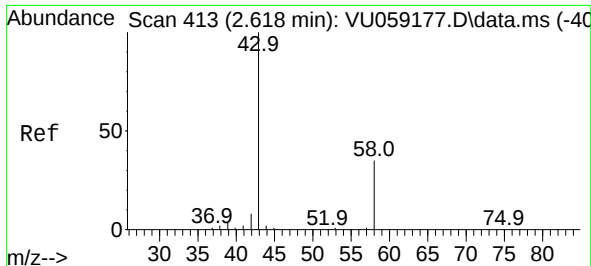
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 08 01:56:01 2024
Response via : Initial Calibration





#13

Acetone

Concen: 3.704 ug/L

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

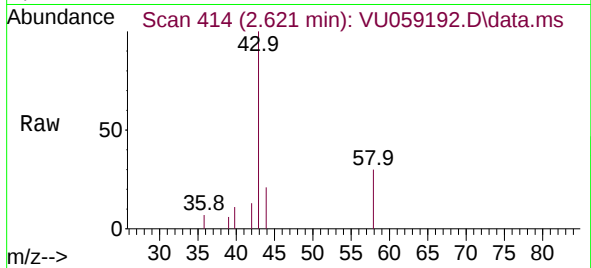
Lab File: VU059192.D

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Instrument :

MSVOA_U

ClientSampleId :

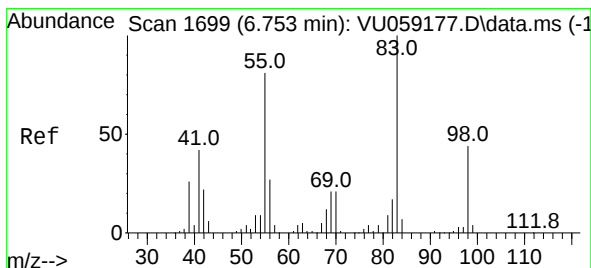
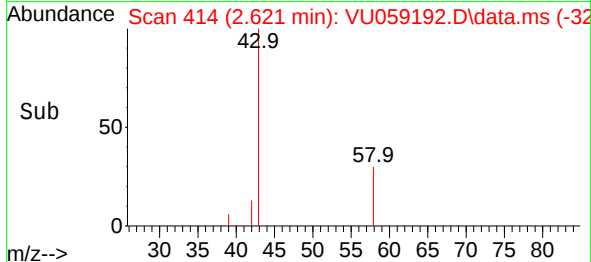
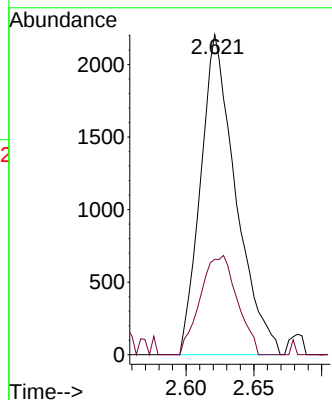


Tgt Ion: 43 Resp: 3976

Ion Ratio Lower Upper

43 100

58 32.6 0.0 68.8



#35

Methylcyclohexane

Concen: 4.390 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU059192.D

Acq: 07 Jun 2024 17:14

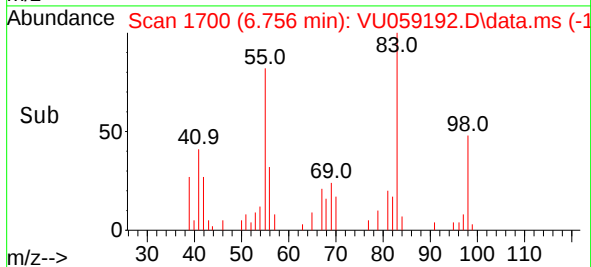
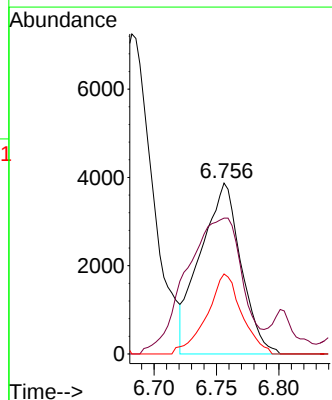
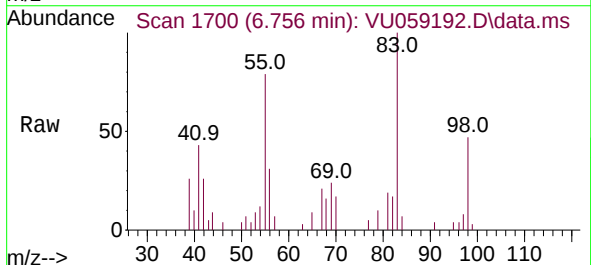
Tgt Ion: 83 Resp: 8770

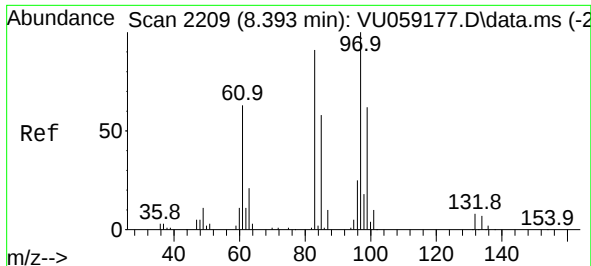
Ion Ratio Lower Upper

83 100

55 110.6 63.9 95.9#

98 40.0 34.7 52.1





#45

1,1,2-Trichloroethane

Concen: 18.635 ug/L

RT: 8.364 min Scan# 21

Delta R.T. -0.029 min

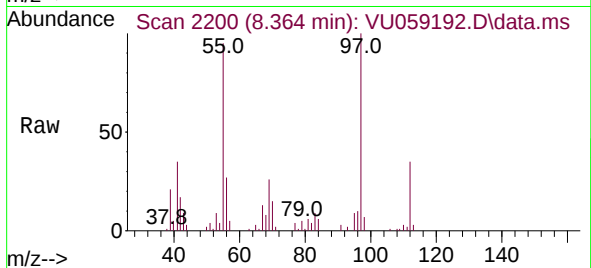
Lab File: VU059192.D

Acq: 07 Jun 2024 17:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 26399

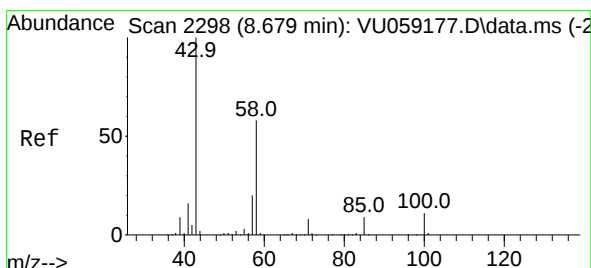
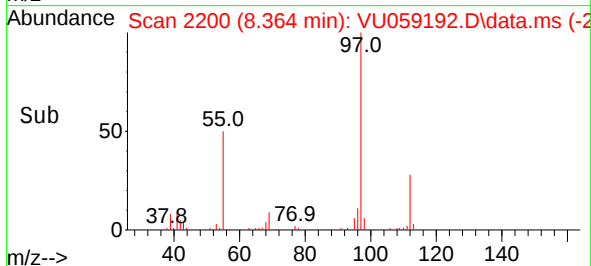
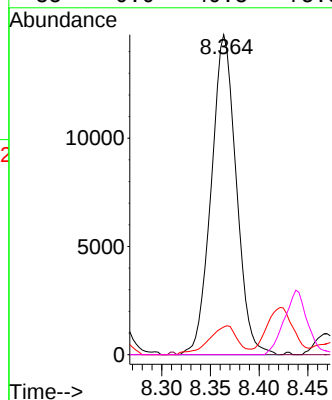
Ion Ratio Lower Upper

97 100

99 0.0 44.0 81.6#

83 8.6 63.6 118.2#

85 0.0 40.8 75.8#



#48

2-Hexanone

Concen: 49.419 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.048 min

Lab File: VU059192.D

Acq: 07 Jun 2024 17:14

Tgt Ion: 43 Resp: 86097

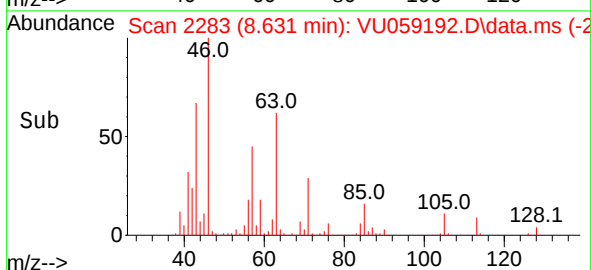
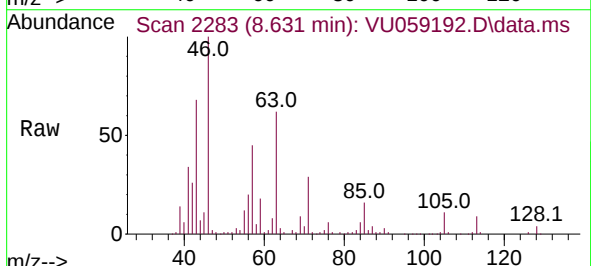
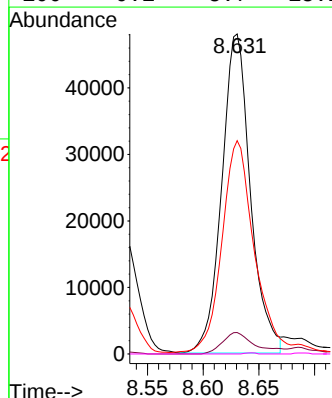
Ion Ratio Lower Upper

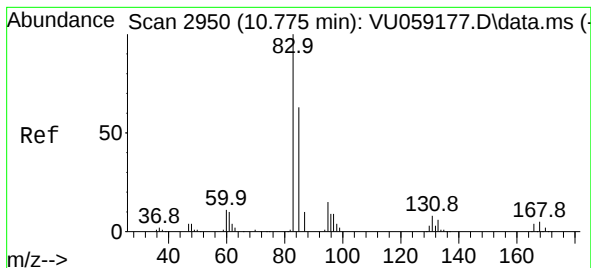
43 100

58 7.1 45.9 68.9#

57 73.6 16.3 24.5#

100 0.1 8.7 13.1#





#57

1,1,2,2-Tetrachloroethane

Concen: 27.640 ug/L

RT: 10.804 min Scan# 2959

Delta R.T. 0.029 min

Lab File: VU059192.D

Acq: 07 Jun 2024 17:14

Instrument :

MSVOA_U

ClientSampleId :

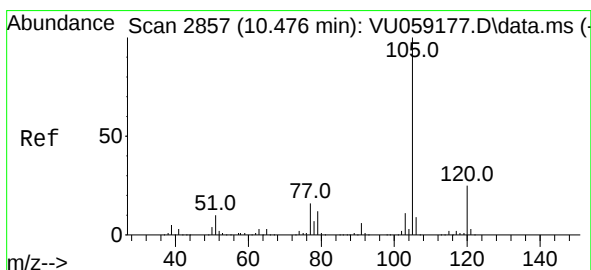
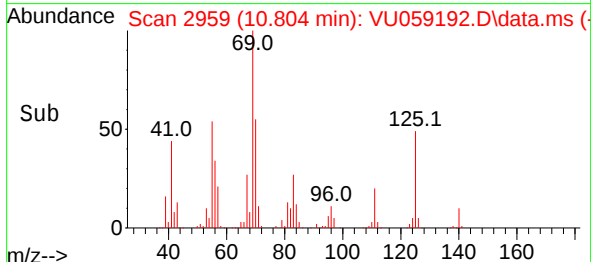
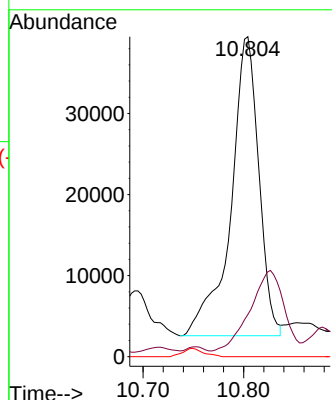
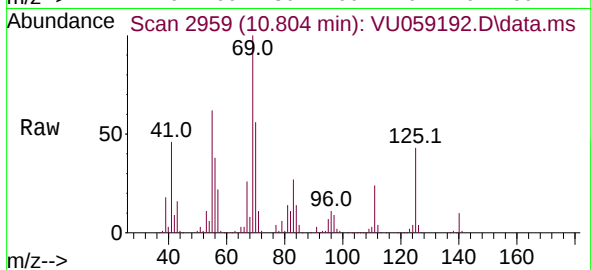
Tgt Ion: 83 Resp: 71330

Ion Ratio Lower Upper

83 100

85 13.2 46.1 85.7#

131 0.0 7.0 10.4#



#61

Isopropylbenzene

Concen: 5.889 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU059192.D

Acq: 07 Jun 2024 17:14

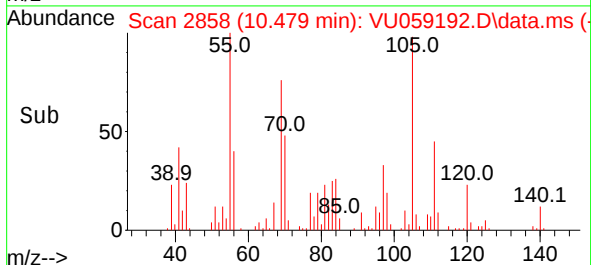
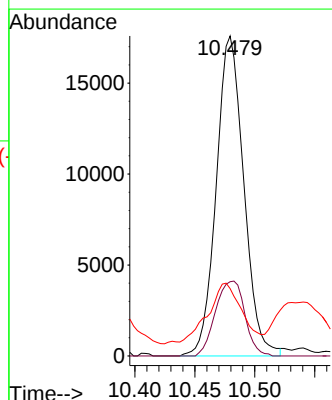
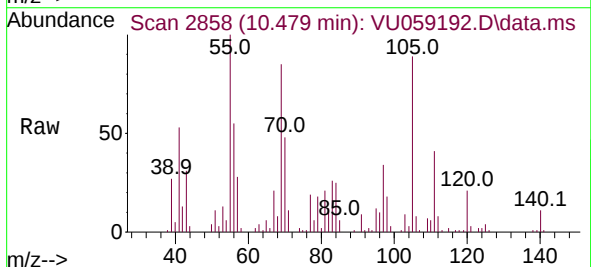
Tgt Ion:105 Resp: 28082

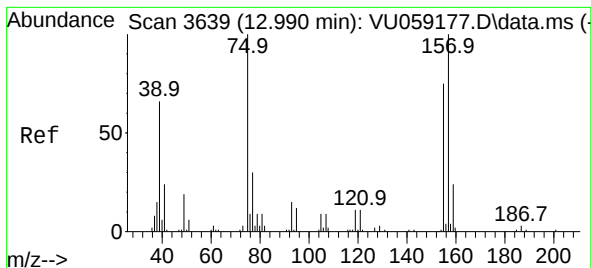
Ion Ratio Lower Upper

105 100

120 24.9 20.3 30.5

77 21.7 13.4 20.0#





#68

1,2-Dibromo-3-chloropropane

Concen: 13.724 ug/L

RT: 12.965 min Scan# 3631

Delta R.T. -0.026 min

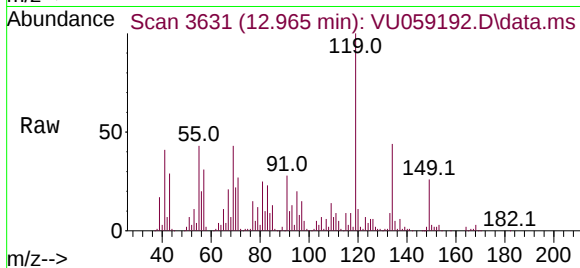
Lab File: VU059192.D

Acq: 07 Jun 2024 17:14

Instrument :

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ClientSampleId :



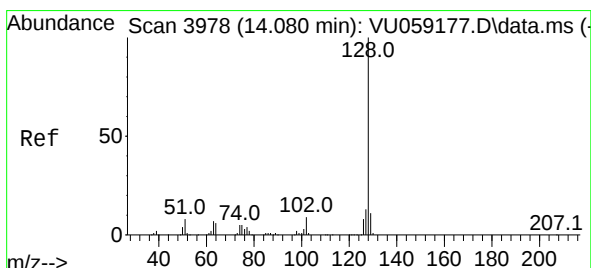
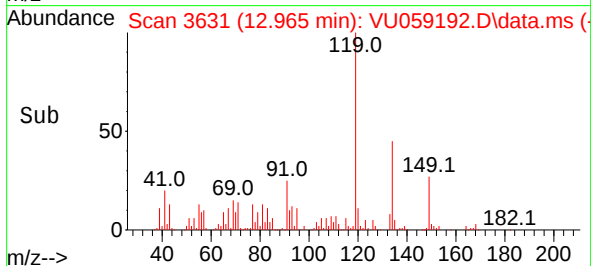
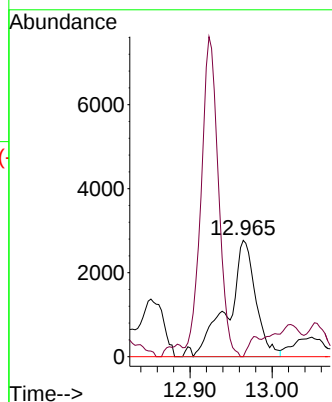
Tgt Ion: 75 Resp: 6558

Ion Ratio Lower Upper

75 100

155 0.0 57.5 86.3#

157 3.8 73.4 110.2#



#71

Naphthalene

Concen: 11.837 ug/L

RT: 14.055 min Scan# 3970

Delta R.T. -0.026 min

Lab File: VU059192.D

Acq: 07 Jun 2024 17:14

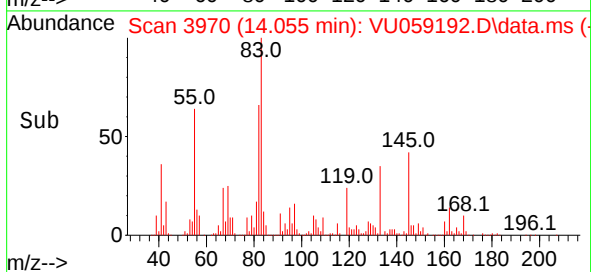
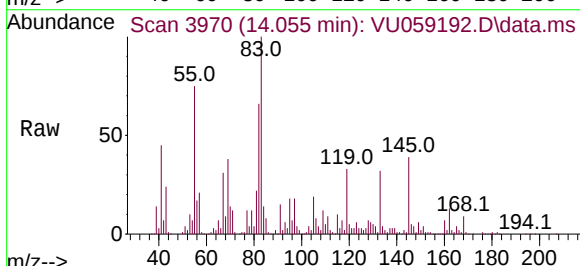
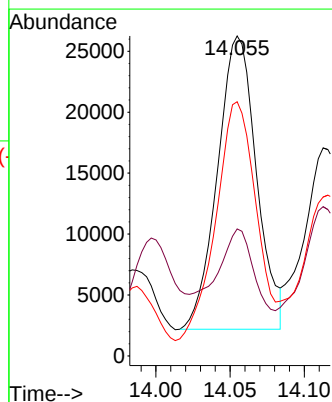
Tgt Ion:128 Resp: 44048

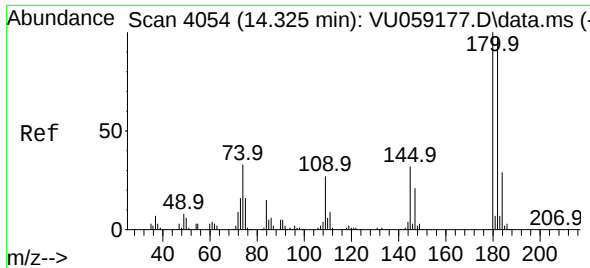
Ion Ratio Lower Upper

128 100

127 21.6 10.4 15.6#

129 83.4 8.5 12.7#





#72

1,2,3-Trichlorobenzene

Concen: 17.766 ug/L

RT: 14.347 min Scan# 4061

Delta R.T. 0.023 min

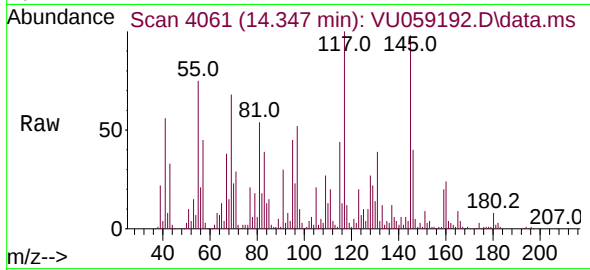
Lab File: VU059192.D

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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 21233

Ion Ratio Lower Upper

180 100

182 27.7 76.2 114.4#

145 1278.1 26.4 39.6#

