

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050110.D
 Acq On : 05 Aug 2022 21:36
 Operator : SY/MD
 Sample : N4027-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 06:05:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 06:03:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	78883	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	79372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29355	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29589	4.507	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	90.200%	
7) Chloroethane-d5	1.909	69	26071	4.922	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	98.400%	
11) 1,1-Dichloroethene-d2	2.565	65	11926	4.648	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	93.000%	
20) 2-Butanone-d5	4.623	46	91848	57.374	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	114.740%	
24) Chloroform-d	5.063	84	62276	5.100	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.703	65	33494	5.342	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	106.800%	
32) Benzene-d6	5.729	84	122548	4.948	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.690	67	43188	5.295	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	105.800%	
41) Toluene-d8	7.899	98	98615	4.508	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	90.200%	
43) trans-1,3-Dichloroprop...	8.179	79	13809	4.724	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	94.400%	
46) 2-Hexanone-d5	8.632	63	53114	51.243	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	102.480%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	38343	5.353	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	33549	5.833	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	116.600%	
Target Compounds			Qvalue			
5) Vinyl chloride	1.601	62	920	0.109	ug/L #	38
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	294	0.057	ug/L #	22
12) 1,1-Dichloroethene	2.575	96	2511	0.461	ug/L #	1
13) Acetone	2.629	43	4245	4.761	ug/L	99
15) Methyl Acetate	3.179	43	918	0.377	ug/L #	46
18) trans-1,2-Dichloroethene	3.353	96	916	0.150	ug/L	93
22) cis-1,2-Dichloroethene	4.665	96	18371	2.711	ug/L	97
25) Chloroform	5.086	83	172	0.014	ug/L	96
34) Trichloroethene	6.542	95	96972	14.418	ug/L	98
35) Methylcyclohexane	6.690	83	9510	1.095	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4278	0.578	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	888	0.092	ug/L #	44
47) Tetrachloroethene	8.555	164	1489	0.309	ug/L	78
48) 2-Hexanone	8.684	43	14542	4.382	ug/L #	84
49) Dibromochloromethane	8.555	129	1291	0.211	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	3720	0.930	ug/L #	64

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 06 06:03:36 2022
Response via : Initial Calibration

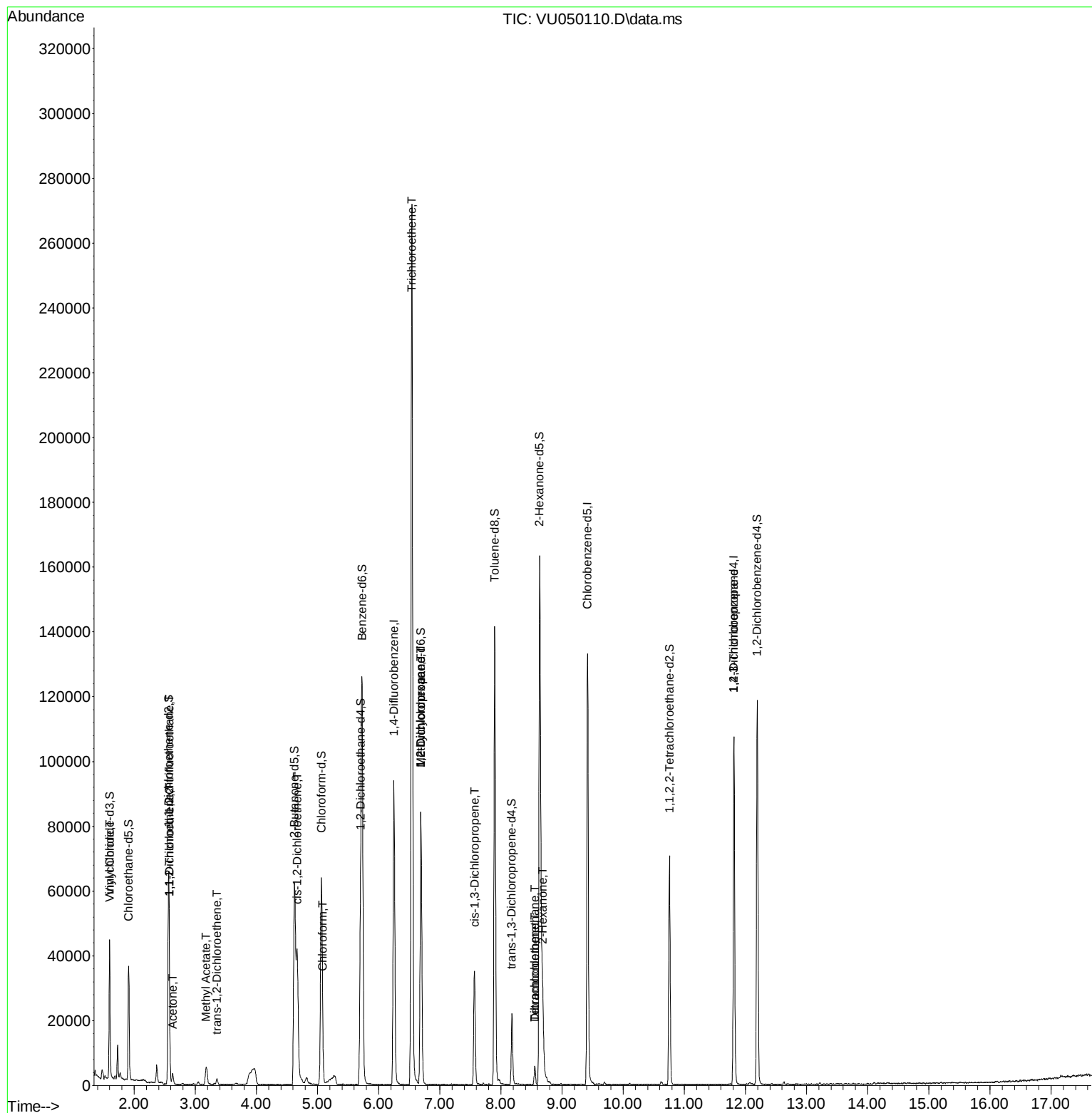
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

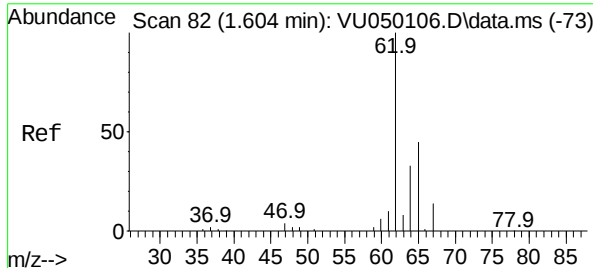
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Vinyl chloride

Concen: 0.109 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.003 min

Lab File: VU050110.D

Acq: 05 Aug 2022 21:36

Instrument :

MSVOA_U

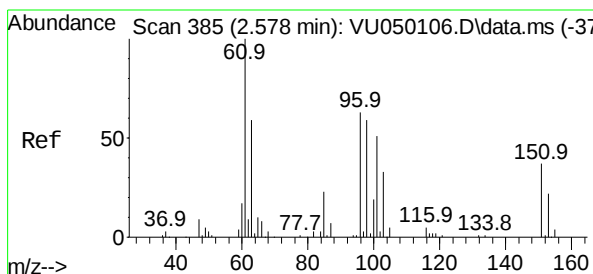
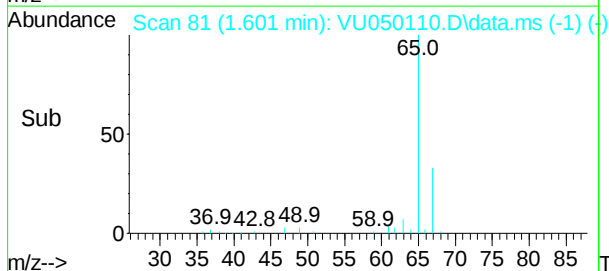
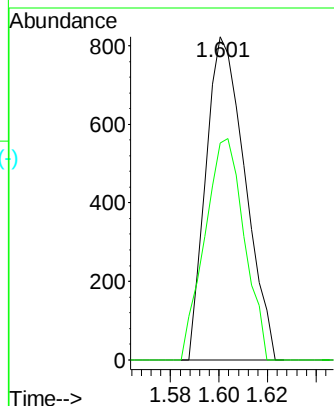
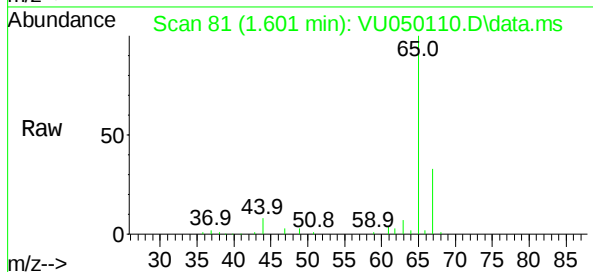
ClientSampleId :

Tgt Ion: 62 Resp: 920

Ion Ratio Lower Upper

62 100

64 67.2 22.8 42.4#



1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.057 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU050110.D

Acq: 05 Aug 2022 21:36

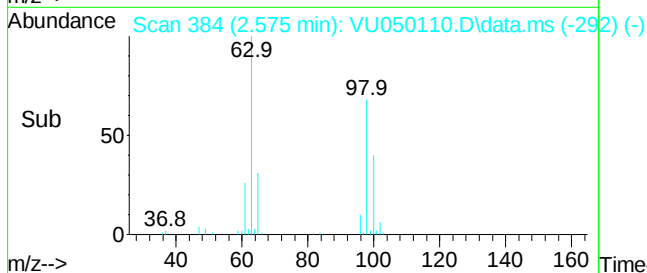
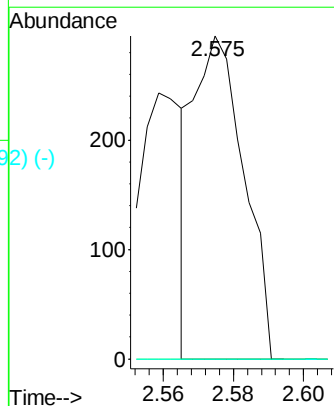
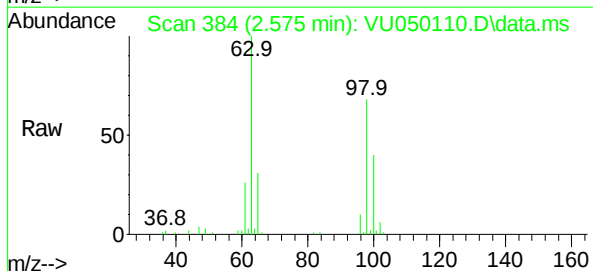
Tgt Ion: 101 Resp: 294

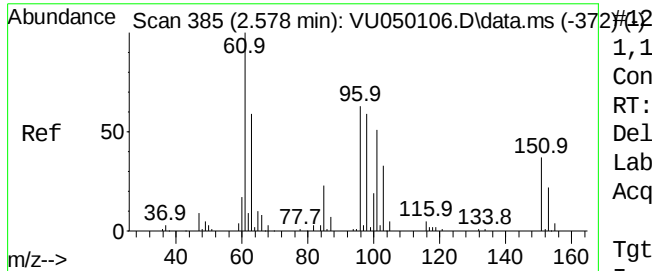
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 55.2 82.8#





1,1-Dichloroethene

Concen: 0.461 ug/L

RT: 2.575 min Scan# 412

Delta R.T. -0.003 min

Lab File: VU050110.D

Acq: 05 Aug 2022 21:36

Instrument :

MSVOA_U

ClientSampleId :

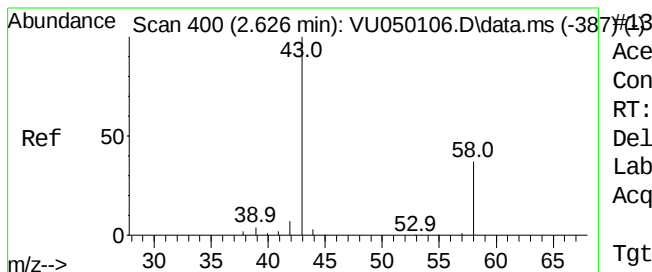
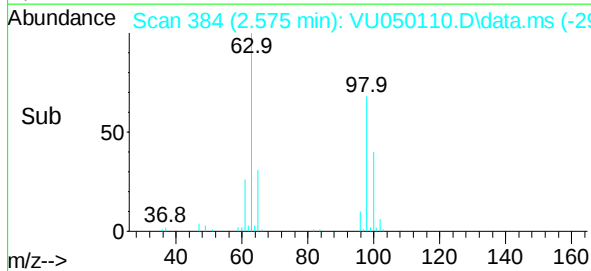
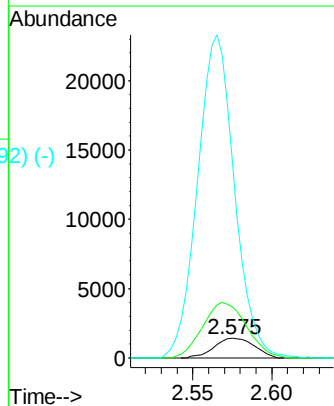
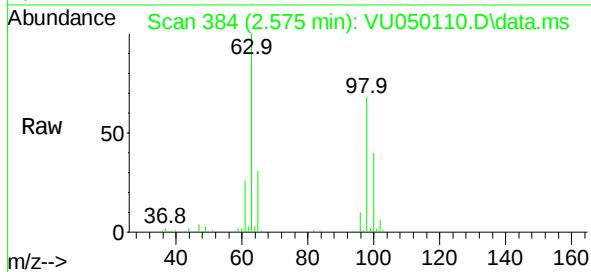
Tgt Ion: 96 Resp: 2511

Ion Ratio Lower Upper

96 100

61 259.2 122.7 227.9#

63 1005.4 85.1 158.1#



Acetone

Concen: 4.761 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU050110.D

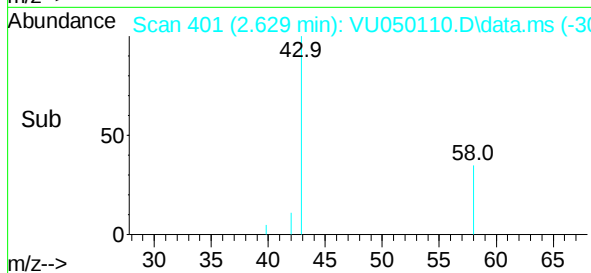
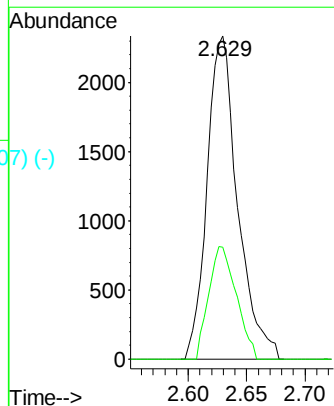
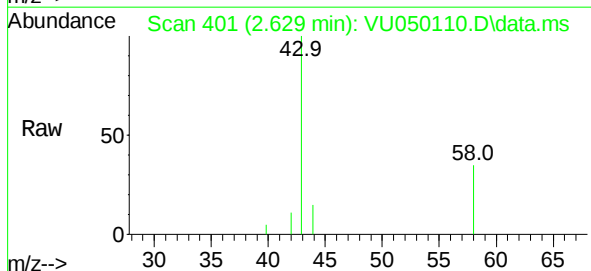
Acq: 05 Aug 2022 21:36

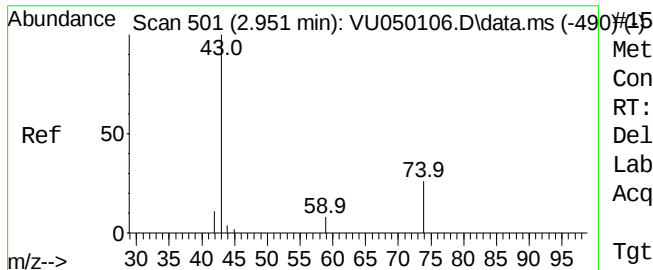
Tgt Ion: 43 Resp: 4245

Ion Ratio Lower Upper

43 100

58 31.5 0.0 64.0





Methyl Acetate

Concen: 0.377 ug/L

RT: 3.179 min Scan# 415

Delta R.T. 0.228 min

Lab File: VU050110.D

Acq: 05 Aug 2022 21:36

Instrument :

MSVOA_U

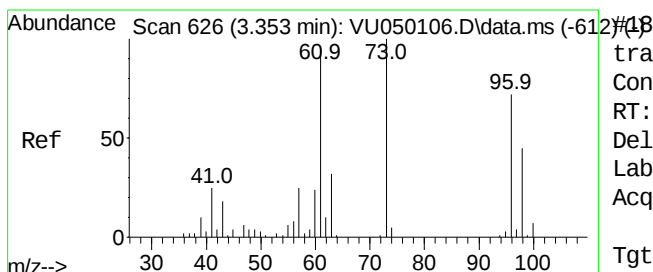
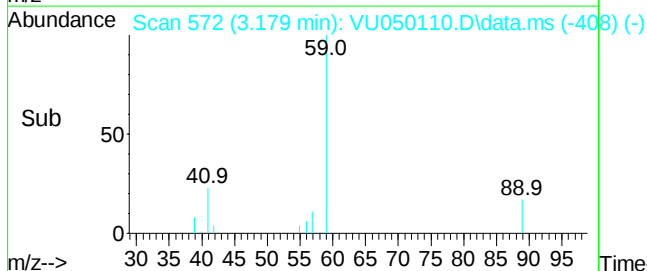
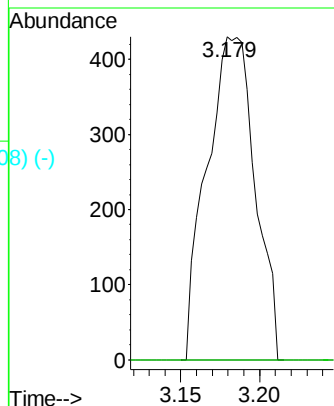
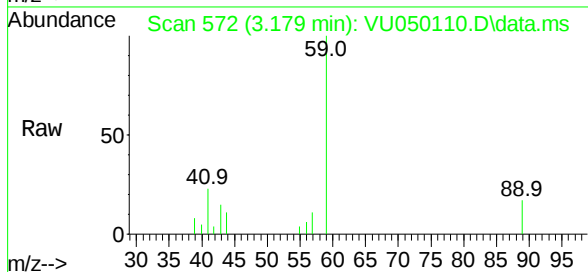
ClientSampleId :

Tgt Ion: 43 Resp: 918

Ion Ratio Lower Upper

43 100

74 0.0 22.7 34.1#



trans-1,2-Dichloroethene

Concen: 0.150 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU050110.D

Acq: 05 Aug 2022 21:36

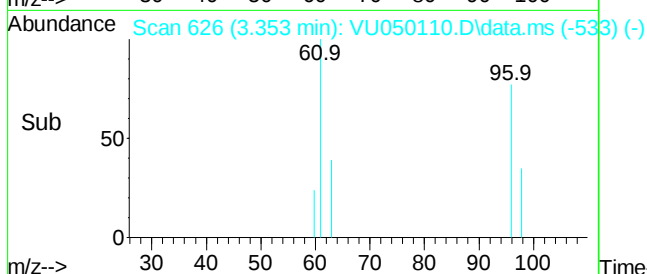
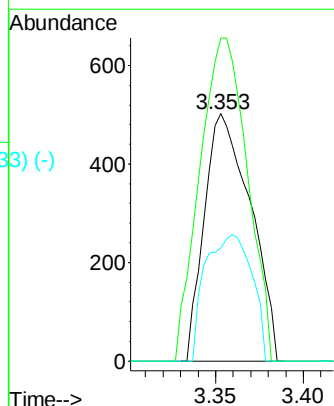
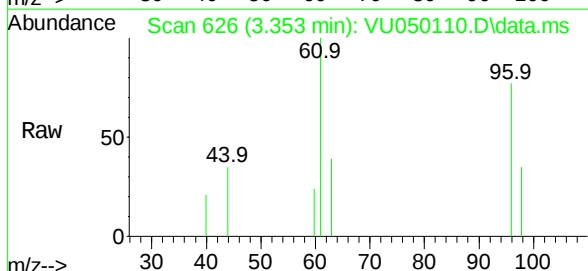
Tgt Ion: 96 Resp: 916

Ion Ratio Lower Upper

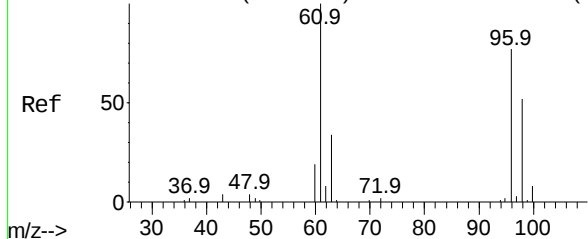
96 100

61 130.7 92.3 171.5

98 45.8 43.2 80.2



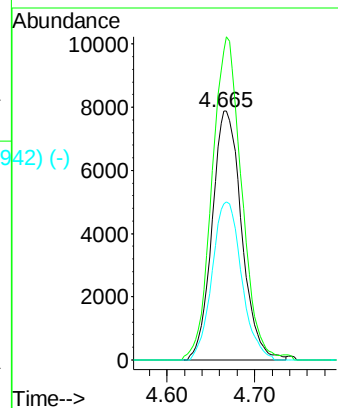
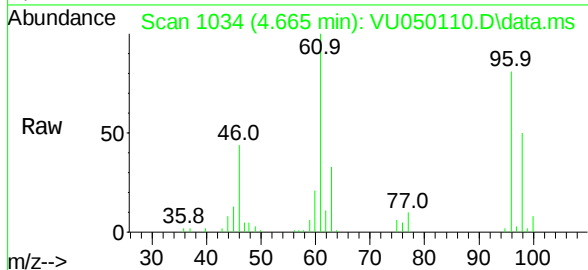
Abundance Scan 1035 (4.668 min): VU050106.D\data.ms (-1012)



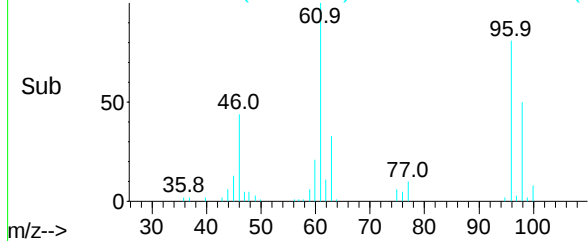
cis-1,2-Dichloroethene
Concen: 2.711 ug/L
RT: 4.665 min Scan# 1152
Delta R.T. -0.003 min
Lab File: VU050110.D
Acq: 05 Aug 2022 21:36

Instrument :
MSVOA_U
ClientSampleId :

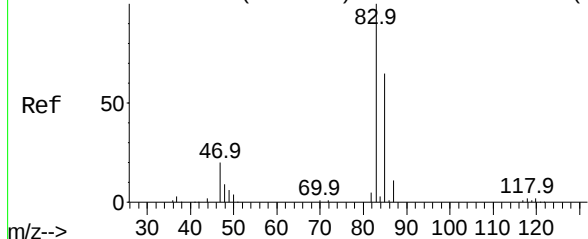
Tgt Ion:	96	Resp:	18371
Ion	Ratio	Lower	Upper
96	100		
61	124.2	89.0	165.4
98	62.7	45.2	84.0



Abundance Scan 1034 (4.665 min): VU050110.D\data.ms (-942) (-)

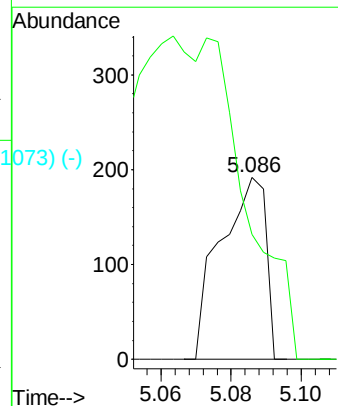
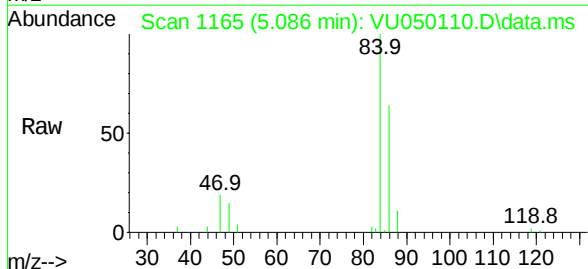


Abundance Scan 1166 (5.089 min): VU050106.D\data.ms (-1125)

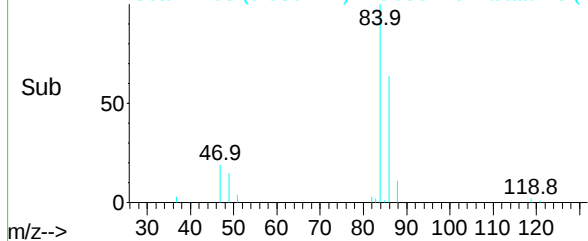


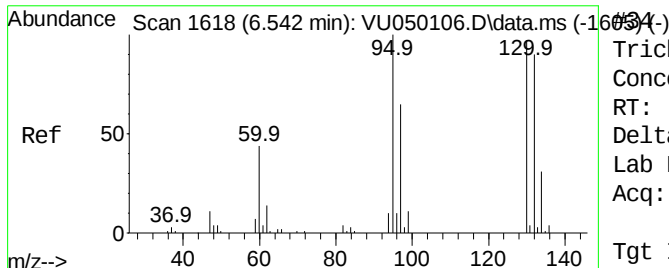
Chloroform
Concen: 0.014 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.003 min
Lab File: VU050110.D
Acq: 05 Aug 2022 21:36

Tgt Ion:	83	Resp:	172
Ion	Ratio	Lower	Upper
83	100		
85	68.8	46.1	85.5



Abundance Scan 1165 (5.086 min): VU050110.D\data.ms (-1073) (-)





Trichloroethene

Concen: 14.418 ug/L

RT: 6.542 min Scan#

Delta R.T. 0.000 min

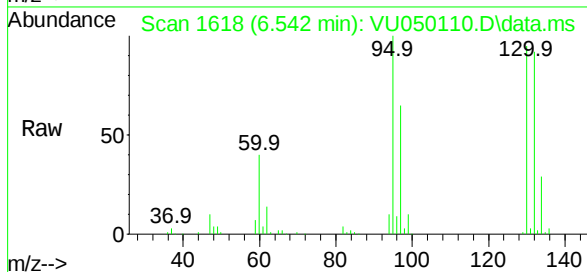
Lab File: VU050110.D

Acq: 05 Aug 2022 21:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 96972

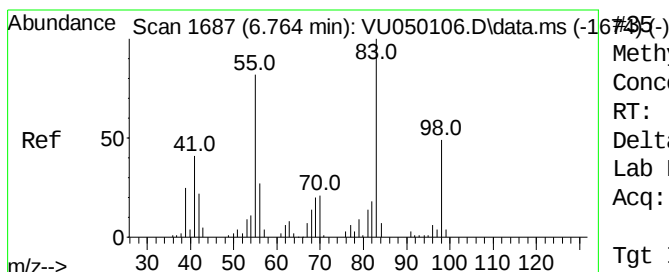
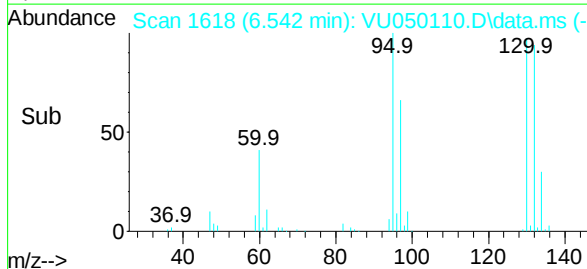
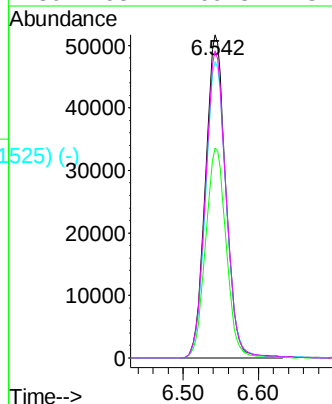
Ion Ratio Lower Upper

95 100

97 64.9 45.6 84.8

132 91.8 65.0 120.6

130 95.1 69.3 128.7



Methylcyclohexane

Concen: 1.095 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU050110.D

Acq: 05 Aug 2022 21:36

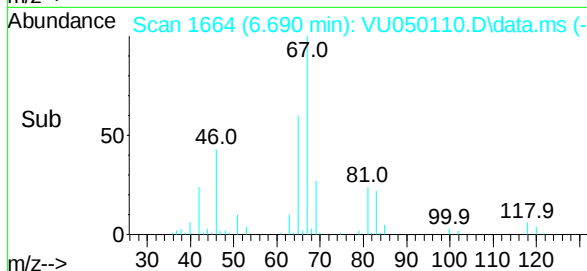
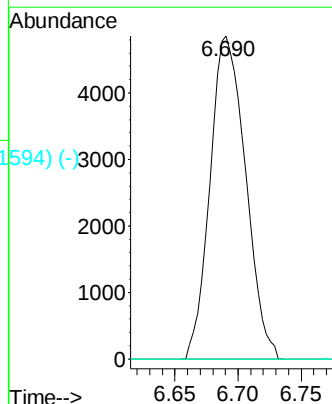
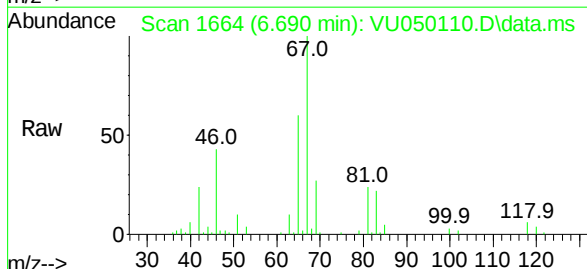
Tgt Ion: 83 Resp: 9510

Ion Ratio Lower Upper

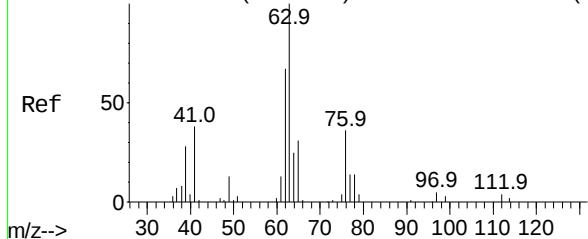
83 100

55 0.0 62.7 94.1#

98 0.0 36.2 54.2#



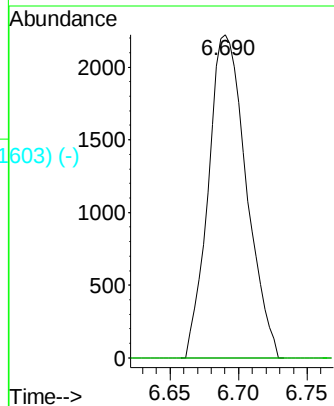
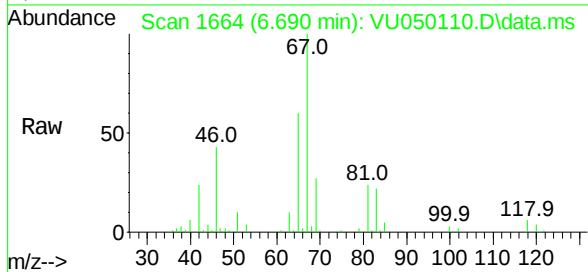
Abundance Scan 1696 (6.793 min): VU050110.D\data.ms (-1637-)



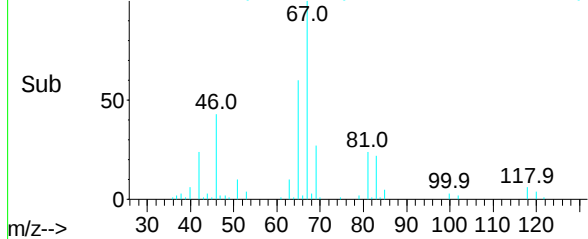
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.690 min Scan# 1696
Delta R.T. -0.103 min
Lab File: VU050110.D
Acq: 05 Aug 2022 21:36

Instrument :
MSVOA_U
ClientSampleId :

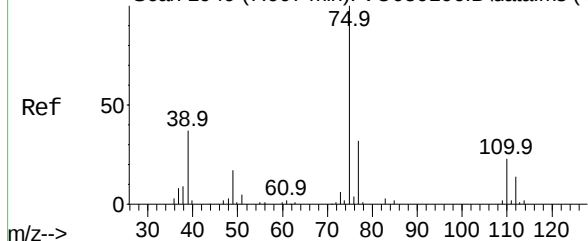
Tgt Ion: 63 Resp: 4278
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Scan 1664 (6.690 min): VU050110.D\data.ms (-1603-)

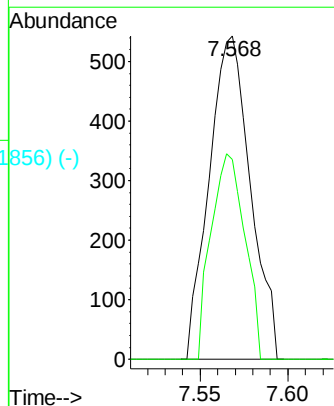
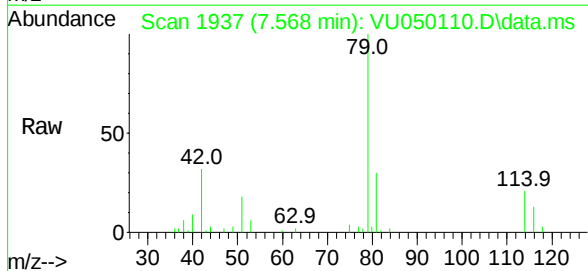


Abundance Scan 1949 (7.607 min): VU050110.D\data.ms (-1928-)

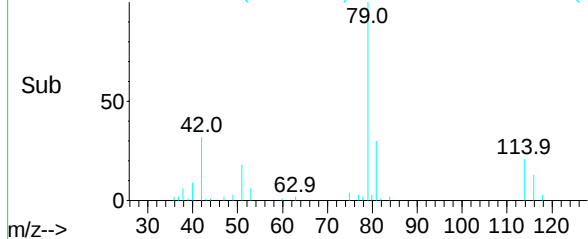


cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.038 min
Lab File: VU050110.D
Acq: 05 Aug 2022 21:36

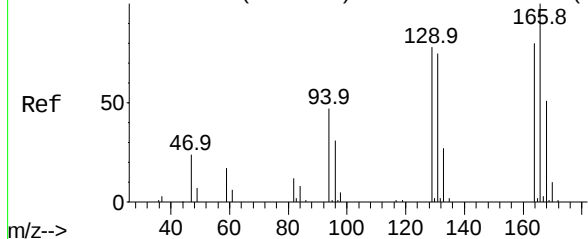
Tgt Ion: 75 Resp: 888
Ion Ratio Lower Upper
75 100
77 61.9 21.8 40.4#



Abundance Scan 1937 (7.568 min): VU050110.D\data.ms (-1856-)



Abundance Scan 2244 (8.555 min): VU050106.D\data.ms (-22317-)



Tetrachloroethene

Concen: 0.309 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

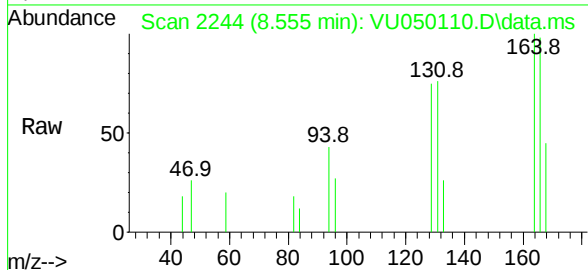
Lab File: VU050110.D

Acq: 05 Aug 2022 21:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 1489

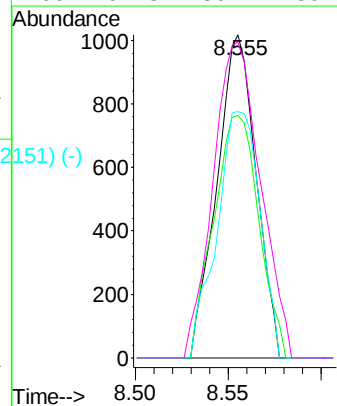
Ion Ratio Lower Upper

164 100

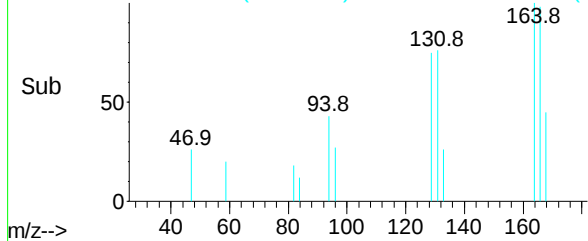
129 75.0 69.0 128.1

131 76.1 65.8 122.2

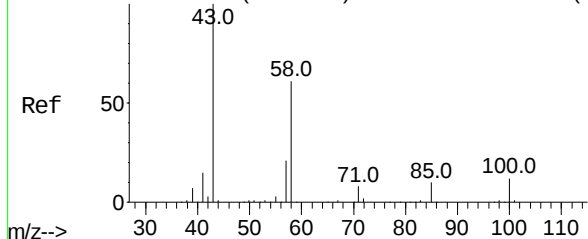
166 97.8 86.1 159.9



Abundance Scan 2244 (8.555 min): VU050110.D\data.ms (-2151-)



Abundance Scan 2284 (8.684 min): VU050106.D\data.ms (-22749-)



2-Hexanone

Concen: 4.382 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VU050110.D

Acq: 05 Aug 2022 21:36

Tgt Ion: 43 Resp: 14542

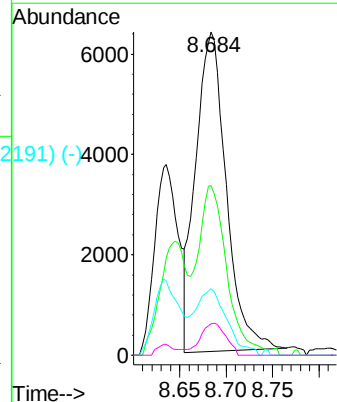
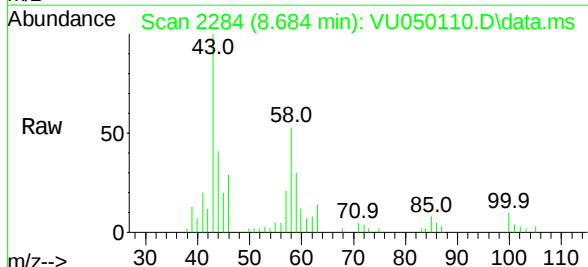
Ion Ratio Lower Upper

43 100

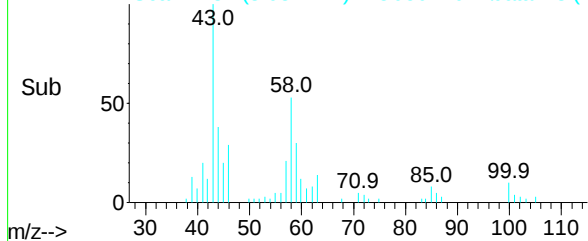
58 46.7 50.6 76.0#

57 21.5 16.0 24.0

100 8.2 9.8 14.8#



Abundance Scan 2284 (8.684 min): VU050110.D\data.ms (-2191-)



Abundance Scan 2324 (8.812 min): VU050106.D\data.ms (-2319) (-)

Dibromochloromethane

Concen: 0.211 ug/L

RT: 8.555 min Scan# 1

Delta R.T. -0.257 min

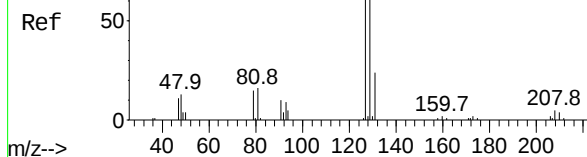
Lab File: VU050110.D

Acq: 05 Aug 2022 21:36

Instrument :

MSVOA_U

ClientSampleId :

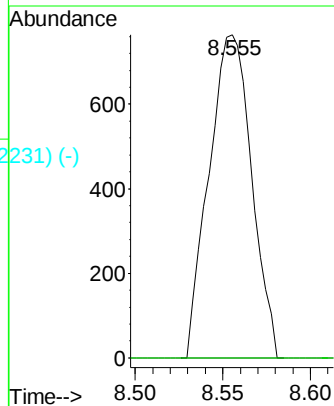
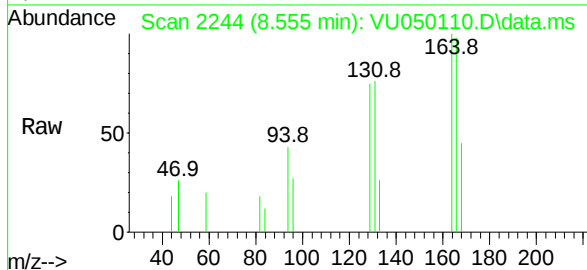


Tgt Ion:129 Resp: 1291

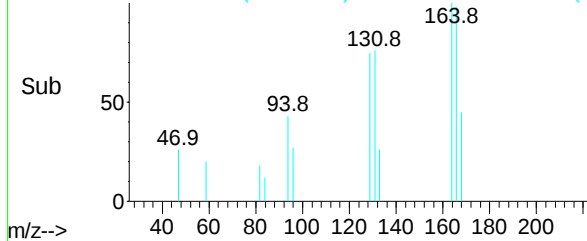
Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



Abundance Scan 2244 (8.555 min): VU050110.D\data.ms (-2231) (-)



Abundance Scan 2949 (10.822 min): VU050106.D\data.ms (-2954) (-)

1,2,3-Trichloropropane

Concen: 0.930 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU050110.D

Acq: 05 Aug 2022 21:36

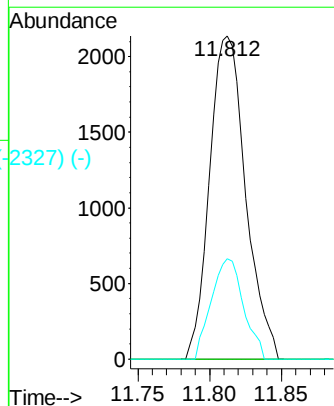
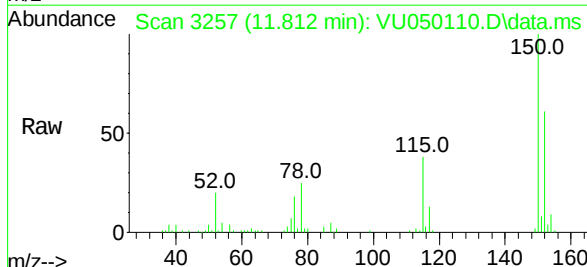
Tgt Ion: 75 Resp: 3720

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 27.7 25.8 38.6



Abundance Scan 3257 (11.812 min): VU050110.D\data.ms (-2327) (-)

