

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050126.D
 Acq On : 06 Aug 2022 04:10
 Operator : SY/MD
 Sample : N4070-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 06:07:04 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

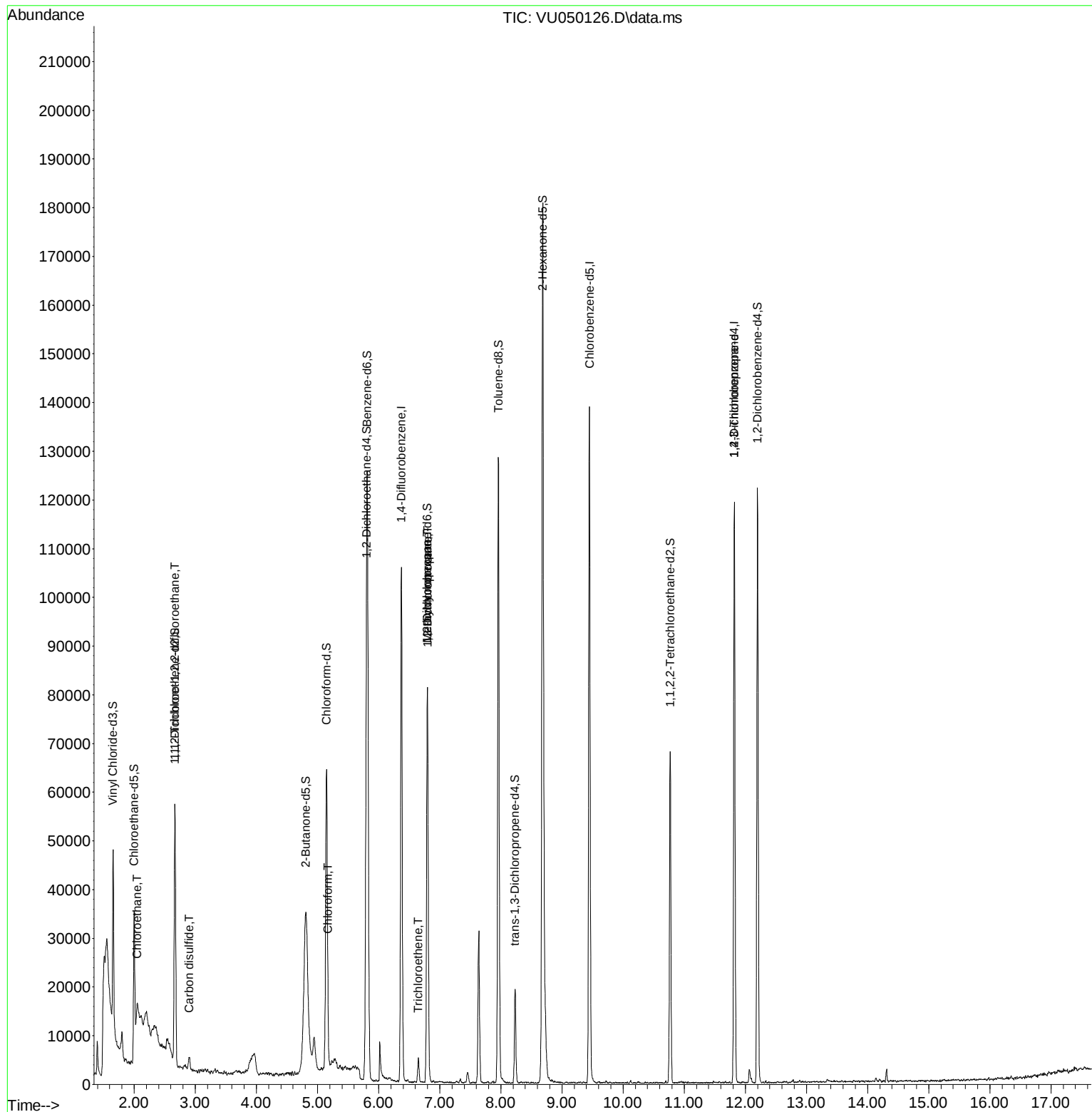
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

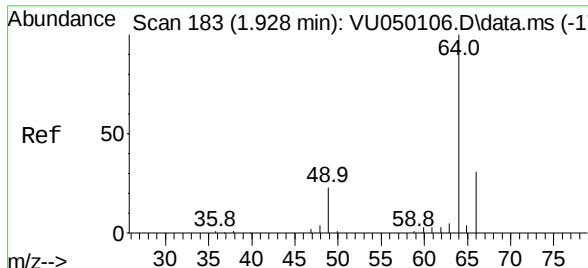
Internal Standards						
1) 1,4-Difluorobenzene	6.372	114	81755	5.000	ug/L	0.12
28) Chlorobenzene-d5	9.449	117	81538	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.819	152	32789	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.655	65	27123	3.987	ug/L	0.06
Spiked Amount 5.000	Range 40	- 130	Recovery	=	79.800%	
7) Chloroethane-d5	1.999	69	23569	4.294	ug/L	0.09
Spiked Amount 5.000	Range 65	- 130	Recovery	=	85.800%	
11) 1,1-Dichloroethene-d2	2.668	65	11030	4.148	ug/L	0.10
Spiked Amount 5.000	Range 60	- 125	Recovery	=	83.000%	
20) 2-Butanone-d5	4.810	46	93349	56.263	ug/L	0.19
Spiked Amount 50.000	Range 40	- 130	Recovery	=	112.520%	
24) Chloroform-d	5.147	84	55409	4.378	ug/L	0.08
Spiked Amount 5.000	Range 70	- 125	Recovery	=	87.600%	
26) 1,2-Dichloroethane-d4	5.800	65	31437	4.838	ug/L	0.10
Spiked Amount 5.000	Range 70	- 130	Recovery	=	96.800%	
32) Benzene-d6	5.813	84	115619	4.544	ug/L	0.08
Spiked Amount 5.000	Range 70	- 125	Recovery	=	90.800%	
36) 1,2-Dichloropropane-d6	6.797	67	39297	4.690	ug/L	0.11
Spiked Amount 5.000	Range 60	- 140	Recovery	=	93.800%	
41) Toluene-d8	7.957	98	87854	3.909	ug/L	0.06
Spiked Amount 5.000	Range 70	- 130	Recovery	=	78.200%	
43) trans-1,3-Dichloroprop...	8.231	79	11556	3.849	ug/L	0.05
Spiked Amount 5.000	Range 55	- 130	Recovery	=	77.000%	
46) 2-Hexanone-d5	8.681	63	59959	56.311	ug/L	0.05
Spiked Amount 50.000	Range 45	- 130	Recovery	=	112.620%	
56) 1,1,2,2-Tetrachloroeth...	10.771	84	34824	4.733	ug/L	0.01
Spiked Amount 5.000	Range 65	- 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	12.198	152	32777	5.102	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	102.000%	
Target Compounds						
					Qvalue	
8) Chloroethane	2.051	64	30714	5.935	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.665	101	278	0.052	ug/L #	22
14) Carbon disulfide	2.897	76	3201	0.159	ug/L #	93
25) Chloroform	5.170	83	1223	0.096	ug/L	94
34) Trichloroethene	6.649	95	1582	0.229	ug/L	96
35) Methylcyclohexane	6.797	83	9079	1.018	ug/L #	18
37) 1,2-Dichloropropane	6.800	63	4002	0.526	ug/L #	89
61) 1,2,3-Trichloropropane	11.819	75	3970	0.889	ug/L #	66

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

Instrument :
MSVOA_U
ClientSampleId :

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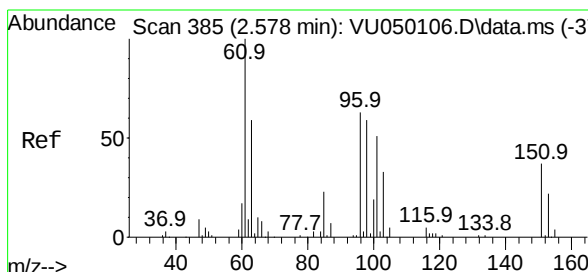
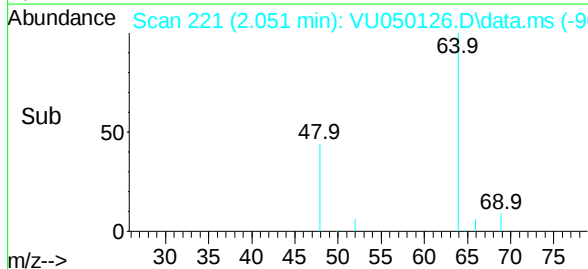
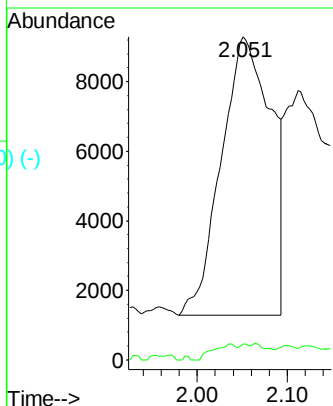
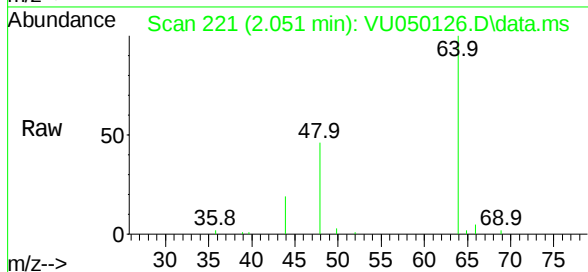




Scan 183 (1.928 min): VU050106.D\data.ms (-174)#8
 Chloroethane
 Concen: 5.935 ug/L
 RT: 2.051 min Scan# 1
 Delta R.T. 0.122 min
 Lab File: VU050126.D
 Acq: 06 Aug 2022 04:10

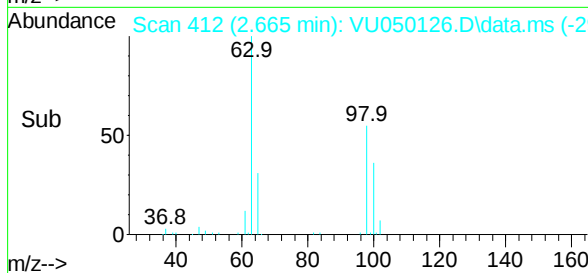
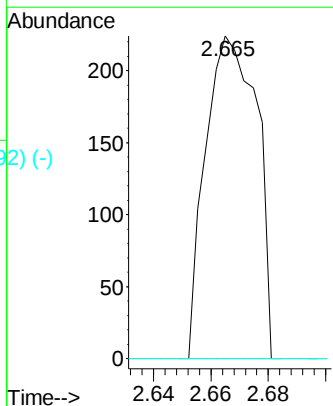
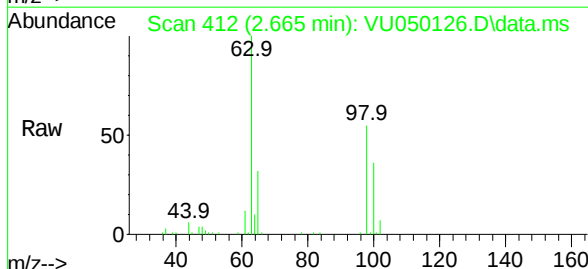
Instrument :
 MSVOA_U
 ClientSampleId :

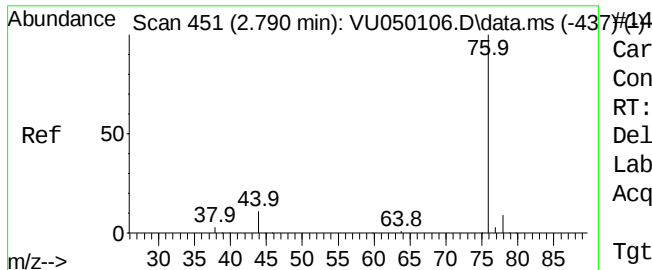
Tgt Ion: 64 Resp: 30714
 Ion Ratio Lower Upper
 64 100
 66 4.9 22.8 42.4#



Scan 385 (2.578 min): VU050106.D\data.ms (-372)#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.052 ug/L
 RT: 2.665 min Scan# 412
 Delta R.T. 0.087 min
 Lab File: VU050126.D
 Acq: 06 Aug 2022 04:10

Tgt Ion:101 Resp: 278
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#





Carbon disulfide

Concen: 0.159 ug/L

RT: 2.897 min Scan# 4

Delta R.T. 0.106 min

Lab File: VU050126.D

Acq: 06 Aug 2022 04:10

Instrument :

MSVOA_U

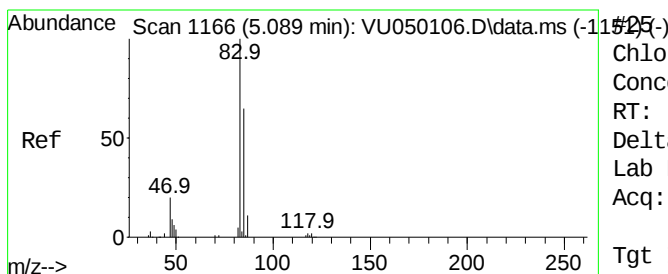
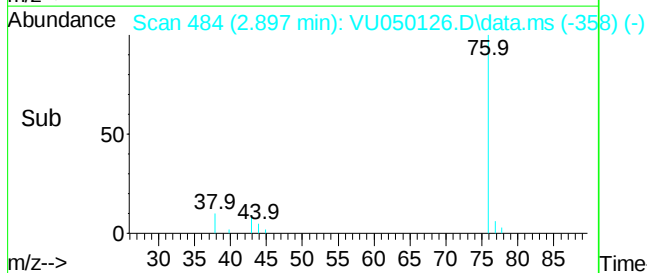
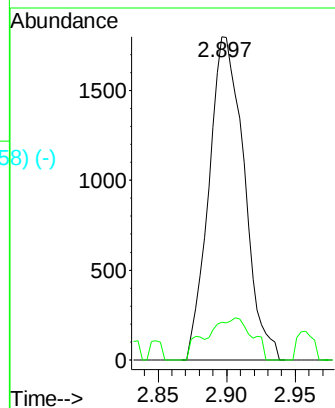
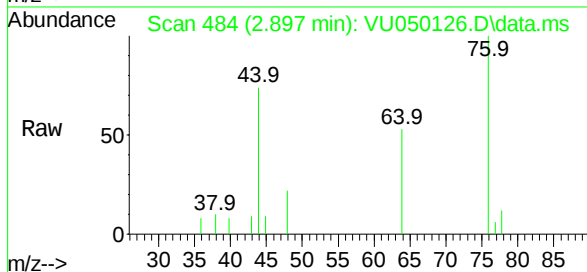
ClientSampleId :

Tgt Ion: 76 Resp: 3201

Ion Ratio Lower Upper

76 100

78 11.6 7.4 11.0#



Chloroform

Concen: 0.096 ug/L

RT: 5.170 min Scan# 1191

Delta R.T. 0.081 min

Lab File: VU050126.D

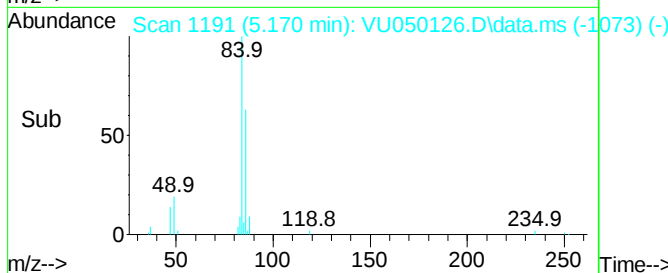
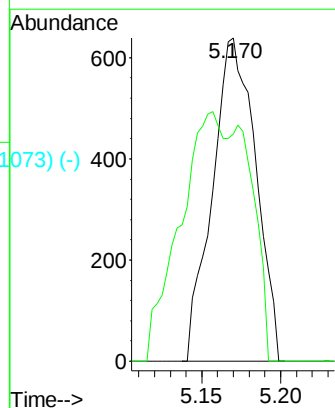
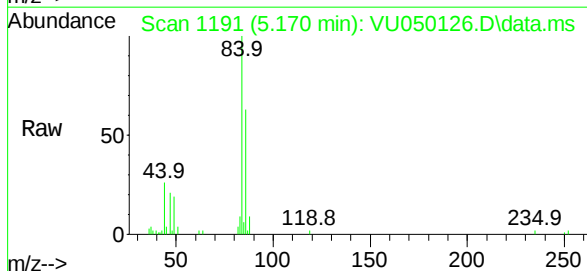
Acq: 06 Aug 2022 04:10

Tgt Ion: 83 Resp: 1223

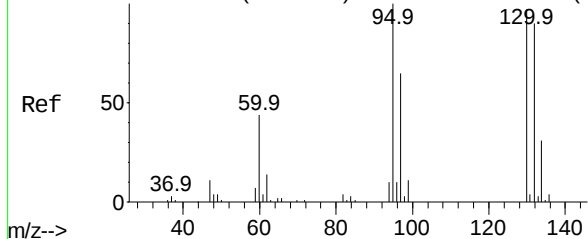
Ion Ratio Lower Upper

83 100

85 70.3 46.1 85.5



Abundance Scan 1618 (6.542 min): VU050106.D\data.ms (-16034-)



Trichloroethene

Concen: 0.229 ug/L

RT: 6.649 min Scan# 1651

Delta R.T. 0.106 min

Lab File: VU050126.D

Acq: 06 Aug 2022 04:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 1582

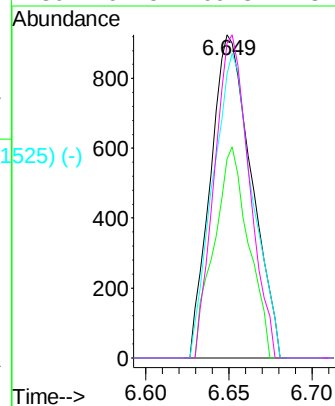
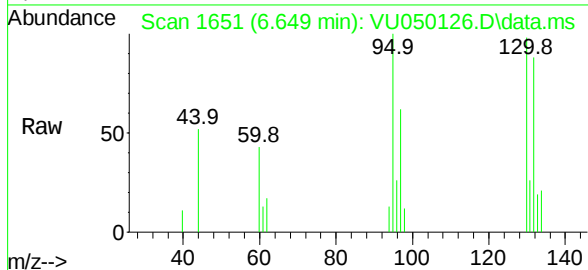
Ion Ratio Lower Upper

95 100

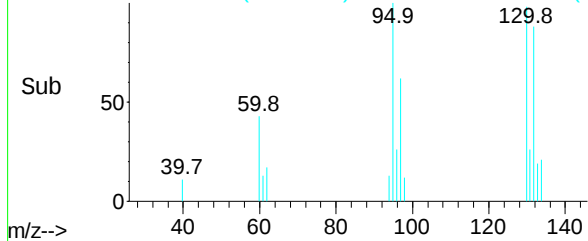
97 61.6 45.6 84.8

132 87.9 65.0 120.6

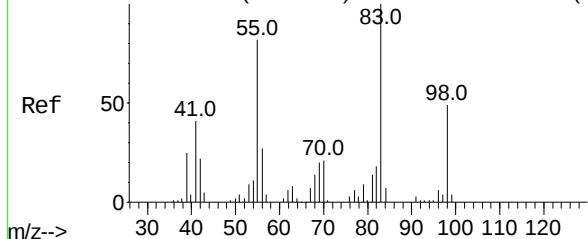
130 97.5 69.3 128.7



Abundance Scan 1651 (6.649 min): VU050126.D\data.ms (-1525-)



Abundance Scan 1687 (6.764 min): VU050106.D\data.ms (-16745-)



Methylcyclohexane

Concen: 1.018 ug/L

RT: 6.797 min Scan# 1697

Delta R.T. 0.032 min

Lab File: VU050126.D

Acq: 06 Aug 2022 04:10

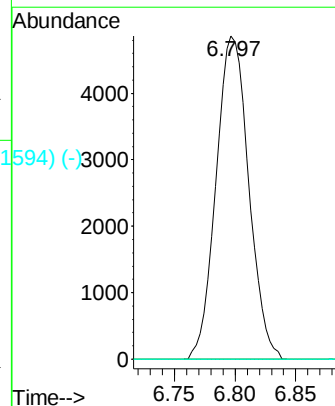
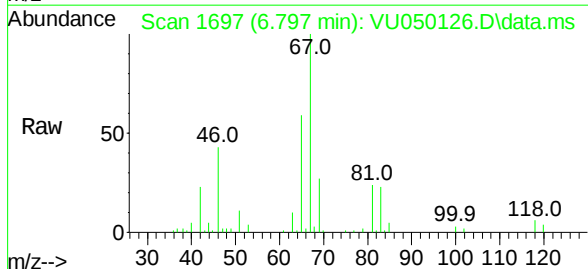
Tgt Ion: 83 Resp: 9079

Ion Ratio Lower Upper

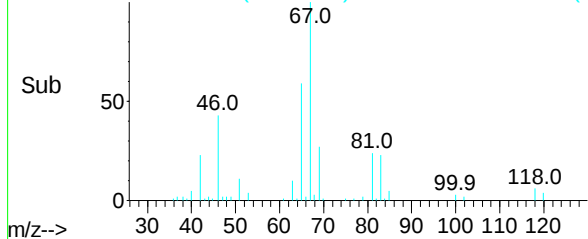
83 100

55 0.0 62.7 94.1#

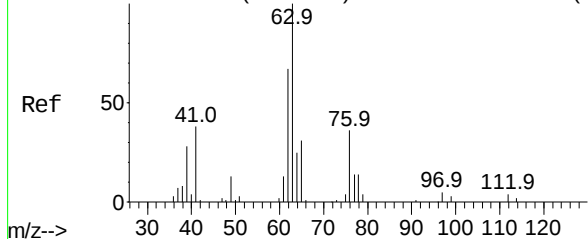
98 0.6 36.2 54.2#



Abundance Scan 1697 (6.797 min): VU050126.D\data.ms (-1594-)



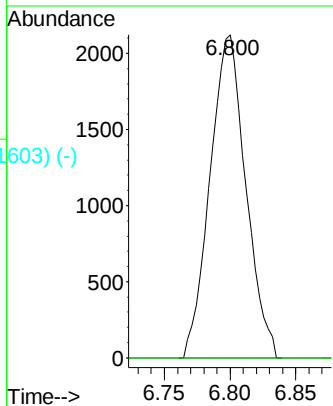
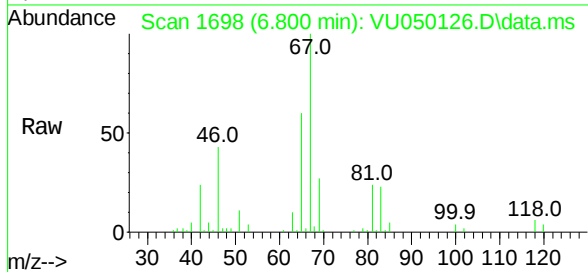
Abundance Scan 1696 (6.793 min): VU050106.D\data.ms (-1679) (-)



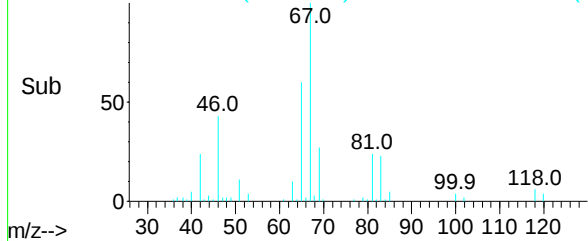
1,2-Dichloropropane
Concen: 0.526 ug/L
RT: 6.800 min Scan# 1696
Delta R.T. 0.007 min
Lab File: VU050126.D
Acq: 06 Aug 2022 04:10

Instrument :
MSVOA_U
ClientSampleId :

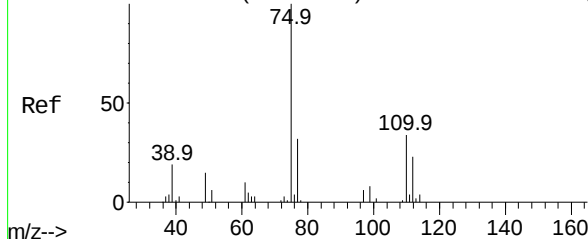
Tgt Ion: 63 Resp: 4002
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Scan 1698 (6.800 min): VU050126.D\data.ms (-1603) (-)



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



1,2,3-Trichloropropane
Concen: 0.889 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.997 min
Lab File: VU050126.D
Acq: 06 Aug 2022 04:10

Tgt Ion: 75 Resp: 3970
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 30.0 25.8 38.6

