

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050125.D
 Acq On : 06 Aug 2022 03:45
 Operator : SY/MD
 Sample : N4070-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 06:06:57 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

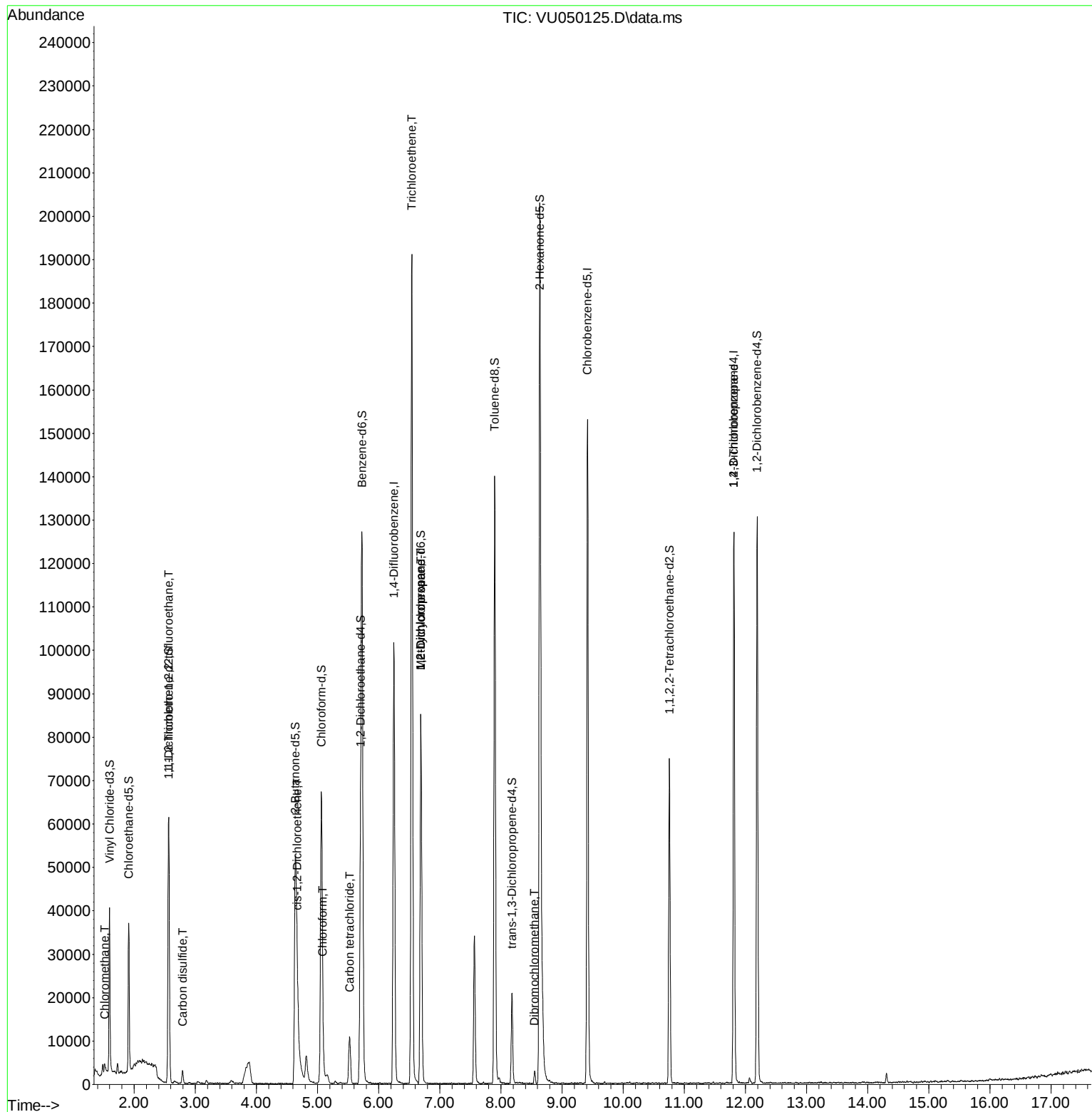
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

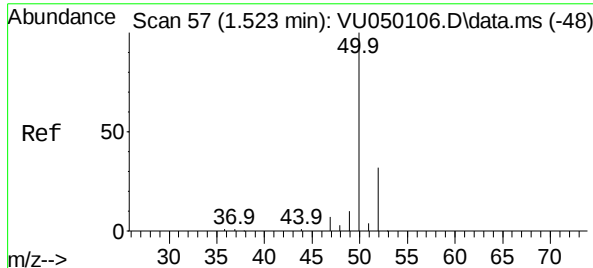
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85038	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34959	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	27375	3.868	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	77.400%		
7) Chloroethane-d5	1.912	69	25134	4.402	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	88.000%		
11) 1,1-Dichloroethene-d2	2.562	65	11373	4.112	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	82.200%		
20) 2-Butanone-d5	4.636	46	103756	60.121	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery =	120.240%		
24) Chloroform-d	5.063	84	63620	4.833	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.600%		
26) 1,2-Dichloroethane-d4	5.703	65	34378	5.087	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	101.800%		
32) Benzene-d6	5.726	84	120230	4.435	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	88.600%		
36) 1,2-Dichloropropane-d6	6.690	67	42969	4.813	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	96.200%		
41) Toluene-d8	7.899	98	97997	4.092	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	81.800%		
43) trans-1,3-Dichloroprop...	8.182	79	13009	4.066	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	81.400%		
46) 2-Hexanone-d5	8.636	63	68681	60.535	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	121.080%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	40077	5.112	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	102.200%		
66) 1,2-Dichlorobenzene-d4	12.192	152	36215	5.287	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	105.800%		
Target Compounds						
3) Chloromethane	1.517	50	1695	0.166	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	457	0.082	ug/L #	22
14) Carbon disulfide	2.793	76	3972	0.189	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	2877	0.394	ug/L	98
25) Chloroform	5.089	83	3029	0.228	ug/L	96
31) Carbon tetrachloride	5.526	117	7539	0.863	ug/L	91
34) Trichloroethene	6.543	95	68088	9.248	ug/L	98
35) Methylcyclohexane	6.690	83	9962	1.048	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	4178	0.515	ug/L #	89
49) Dibromochloromethane	8.552	129	762	0.114	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	3893	0.817	ug/L #	66

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

Instrument :
MSVOA_U
ClientSampleId :

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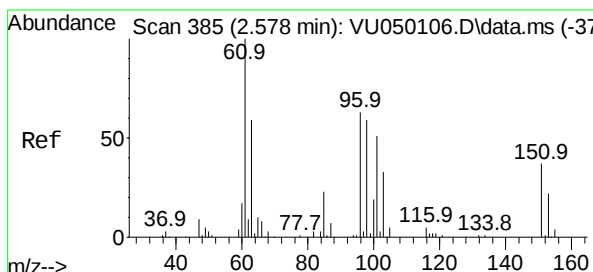
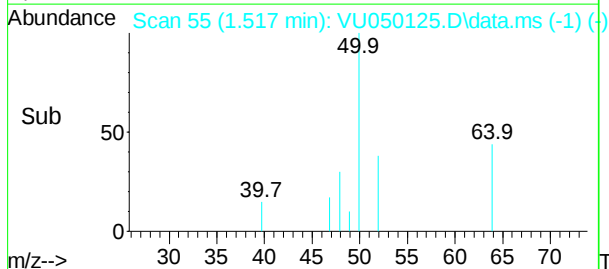
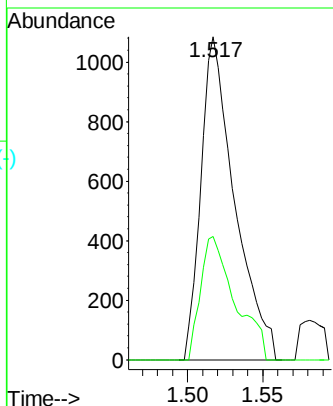
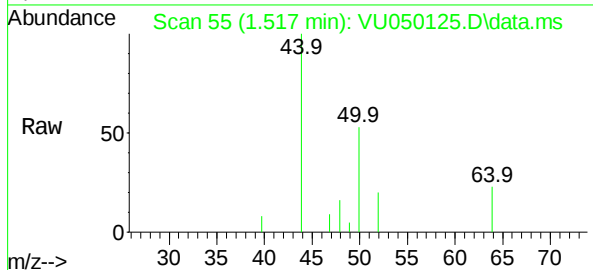




Chloromethane
 Concen: 0.166 ug/L
 RT: 1.517 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VU050125.D
 Acq: 06 Aug 2022 03:45

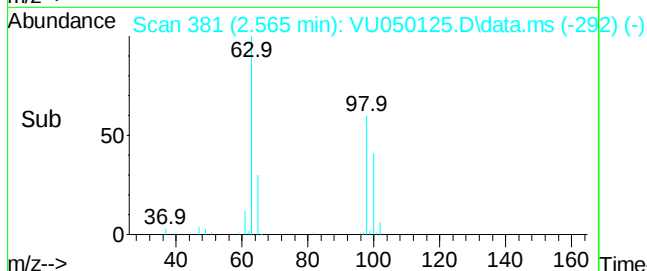
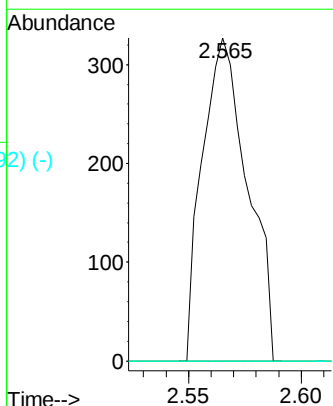
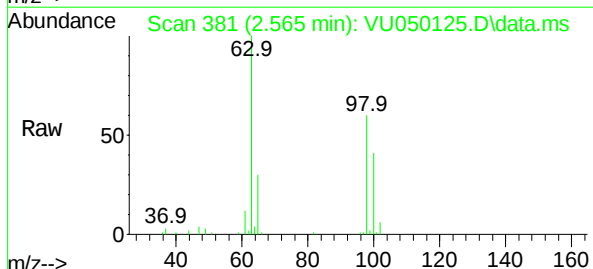
Instrument :
 MSVOA_U
 ClientSampleId :

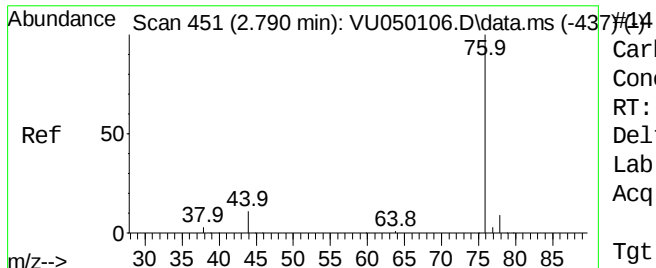
Tgt Ion: 50 Resp: 1695
 Ion Ratio Lower Upper
 50 100
 52 38.2 23.2 43.2



1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.082 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU050125.D
 Acq: 06 Aug 2022 03:45

Tgt Ion: 101 Resp: 457
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#





Carbon disulfide

Concen: 0.189 ug/L

RT: 2.793 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050125.D

Acq: 06 Aug 2022 03:45

Instrument :

MSVOA_U

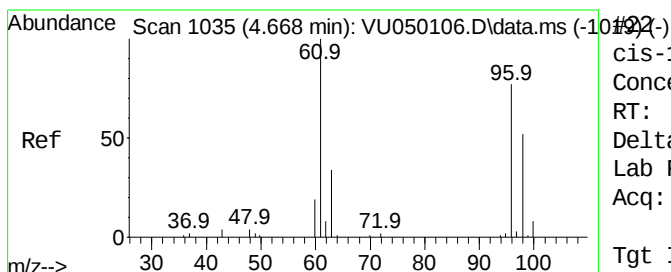
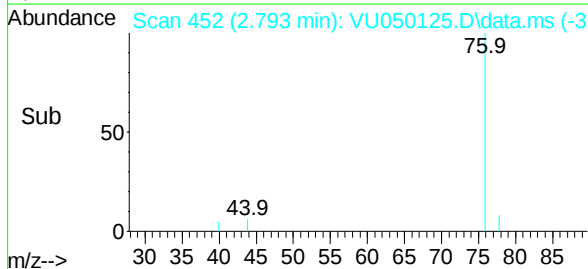
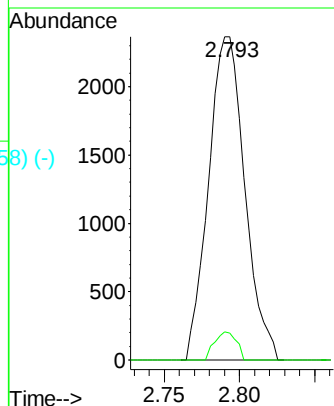
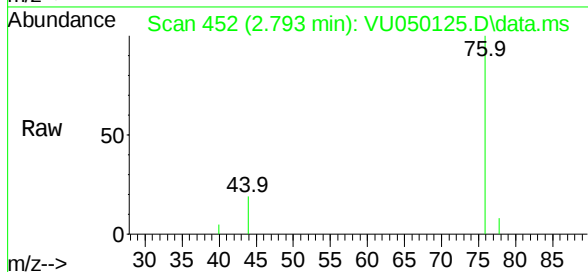
ClientSampleId :

Tgt Ion: 76 Resp: 3972

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.0



cis-1,2-Dichloroethene

Concen: 0.394 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU050125.D

Acq: 06 Aug 2022 03:45

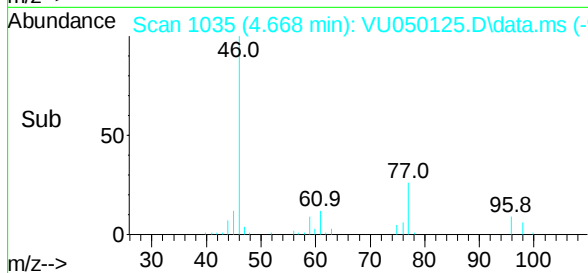
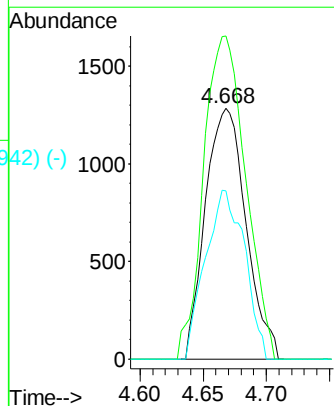
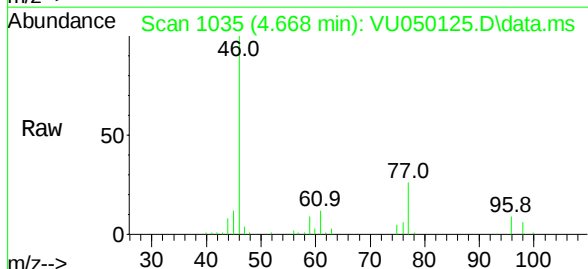
Tgt Ion: 96 Resp: 2877

Ion Ratio Lower Upper

96 100

61 128.8 89.0 165.4

98 67.1 45.2 84.0



Abundance Scan 1166 (5.089 min): VU050106.D\data.ms (-11525-)

Chloroform

Concen: 0.228 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050125.D

Acq: 06 Aug 2022 03:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83 Resp: 3029

Ion Ratio Lower Upper

83 100

85 68.9 46.1 85.5

Abundance Scan 1166 (5.089 min): VU050125.D\data.ms

Ref 50

m/z-->

Abundance

Raw 50

m/z-->

Abundance Scan 1166 (5.089 min): VU050125.D\data.ms (-1073-)

Sub 50

m/z-->

Abundance

Time-->

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Scan 1301 (5.523 min): VU050106.D\data.ms (-12031-)

Carbon tetrachloride

Concen: 0.863 ug/L

RT: 5.526 min Scan# 1302

Delta R.T. 0.003 min

Lab File: VU050125.D

Acq: 06 Aug 2022 03:45

Tgt Ion:117 Resp: 7539

Ion Ratio Lower Upper

117 100

119 103.3 76.0 114.0

Abundance Scan 1302 (5.526 min): VU050125.D\data.ms

Ref 50

m/z-->

Abundance

Raw 50

m/z-->

Abundance Scan 1302 (5.526 min): VU050125.D\data.ms (-1208-)

Sub 50

m/z-->

Abundance

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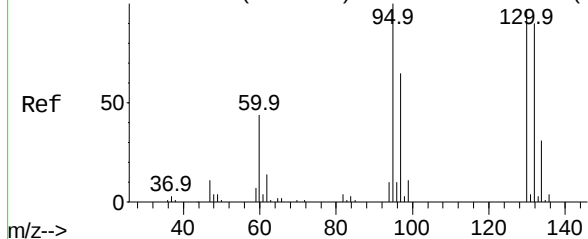
Abundance

Time-->

Abundance

Time-->

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



Trichloroethene

Concen: 9.248 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU050125.D

Acq: 06 Aug 2022 03:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 68088

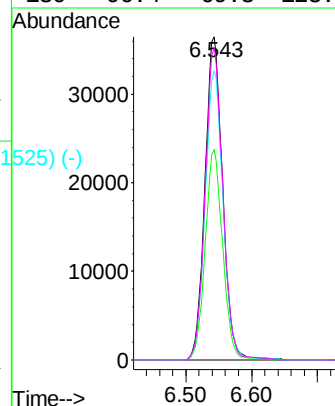
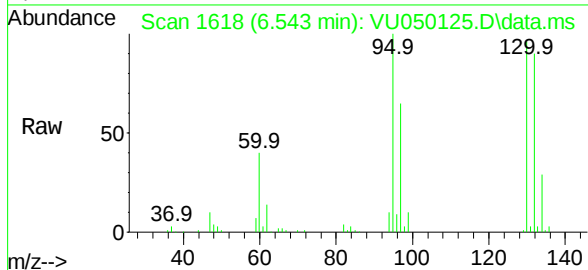
Ion Ratio Lower Upper

95 100

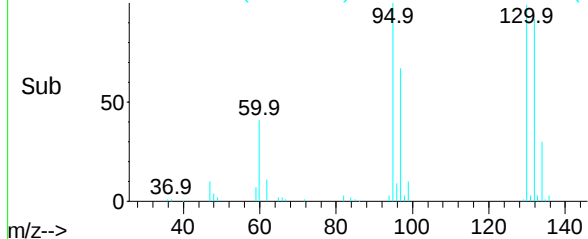
97 65.2 45.6 84.8

132 89.6 65.0 120.6

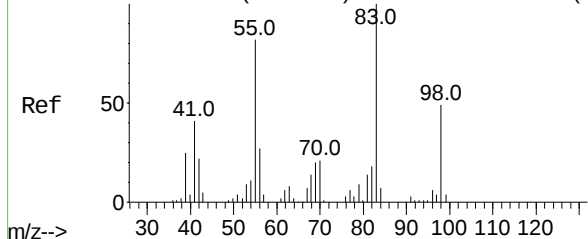
130 96.4 69.3 128.7



Abundance Scan 1618 (6.543 min): VU050125.D\data.ms (-1525-)



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



Methylcyclohexane

Concen: 1.048 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU050125.D

Acq: 06 Aug 2022 03:45

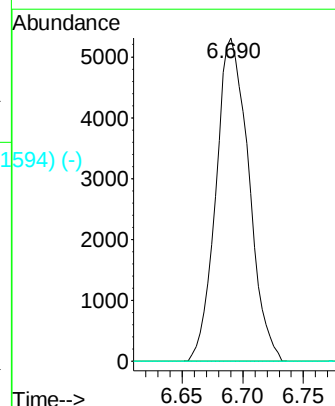
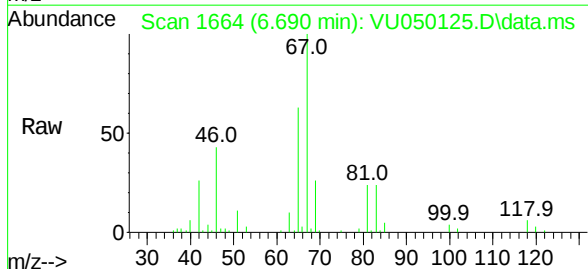
Tgt Ion: 83 Resp: 9962

Ion Ratio Lower Upper

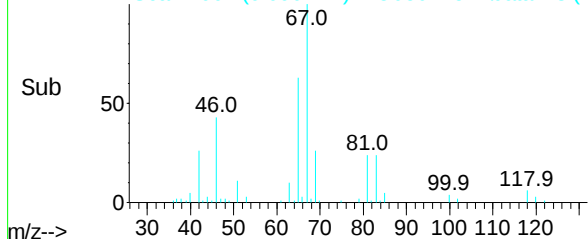
83 100

55 0.0 62.7 94.1#

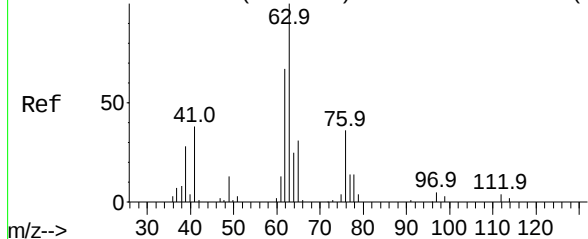
98 5.9 36.2 54.2#



Abundance Scan 1664 (6.690 min): VU050125.D\data.ms (-1594-)



Abundance Scan 1696 (6.793 min): VU050106.D\data.ms (-16797-)



1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 6.690 min Scan#

Delta R.T. -0.103 min

Lab File: VU050125.D

Acq: 06 Aug 2022 03:45

Instrument :

MSVOA_U

ClientSampleId :

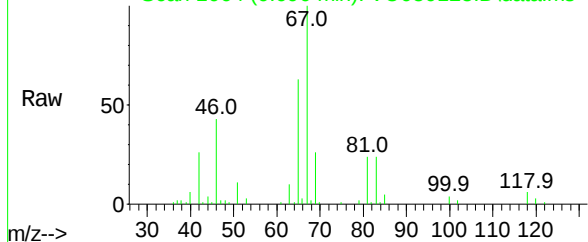
Tgt Ion: 63 Resp: 4178

Ion Ratio Lower Upper

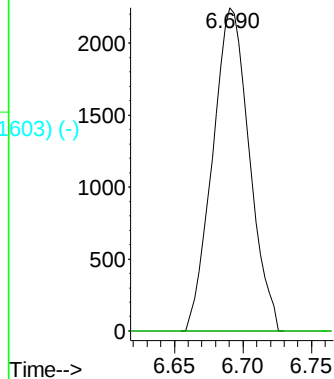
63 100

112 0.0 3.0 4.4#

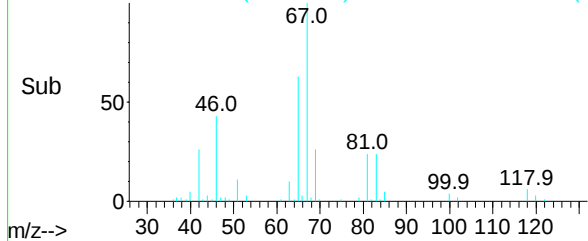
Abundance Scan 1664 (6.690 min): VU050125.D\data.ms



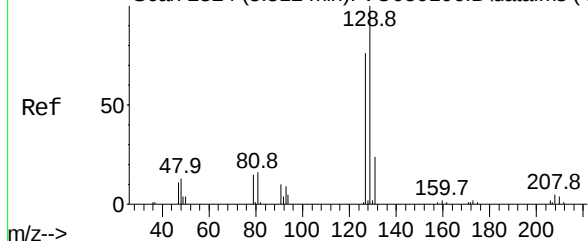
Abundance



Abundance Scan 1664 (6.690 min): VU050125.D\data.ms (-1603-)



Abundance Scan 2324 (8.812 min): VU050106.D\data.ms (-23149-)



Dibromochloromethane

Concen: 0.114 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.260 min

Lab File: VU050125.D

Acq: 06 Aug 2022 03:45

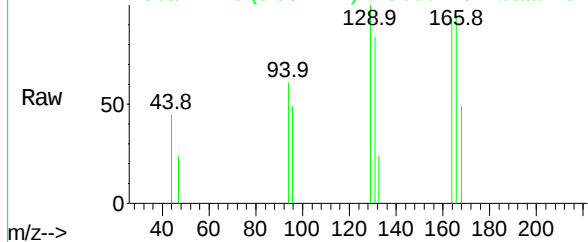
Tgt Ion:129 Resp: 762

Ion Ratio Lower Upper

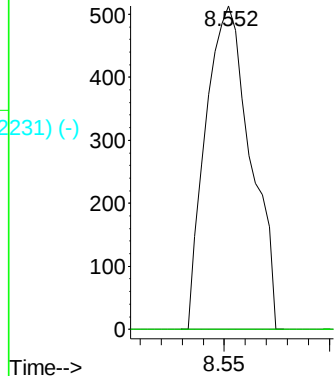
129 100

127 0.0 55.3 102.7#

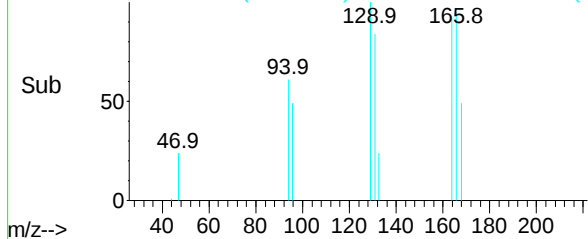
Abundance Scan 2243 (8.552 min): VU050125.D\data.ms



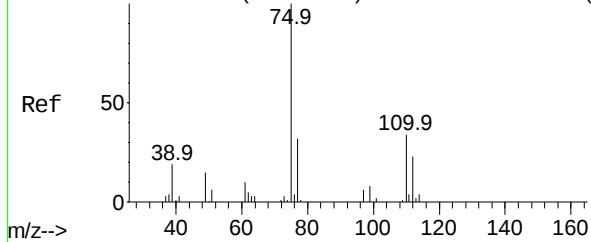
Abundance



Abundance Scan 2243 (8.552 min): VU050125.D\data.ms (-2231-)



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



1,2,3-Trichloropropane

Concen: 0.817 ug/L

RT: 11.812 min Scan# 3893

Delta R.T. 0.990 min

Lab File: VU050125.D

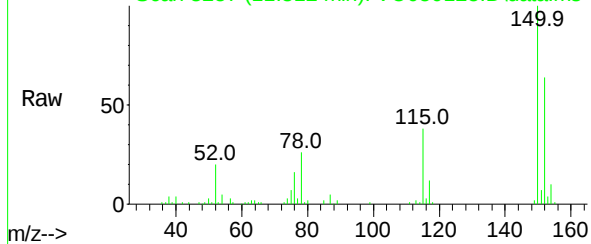
Acq: 06 Aug 2022 03:45

Instrument :

MSVOA_U

ClientSampleId :

Abundance Scan 3257 (11.812 min): VU050125.D\data.ms



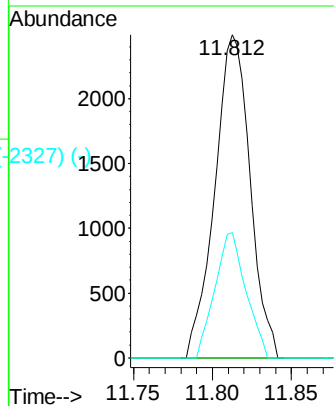
Tgt Ion: 75 Resp: 3893

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 34.0 25.8 38.6



Abundance Scan 3257 (11.812 min): VU050125.D\data.ms (-2327) (-)

