

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100218\
 Data File : VV008026.D
 Acq On : 02 Oct 2018 12:44
 Operator : SY/MD
 Sample : J5091-09
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 03 05:35:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 03 05:34:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	82596	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	79280	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38608	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22523	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.59	69	19793	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.13	63	35602	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.98	46	66484	49.92	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.84%
24) Chloroform-d	4.41	84	51634	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.09	65	27740	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.10	84	100057	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.12	67	31782	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.36	98	94074	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.67	79	10641	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.14	63	46519	45.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22435	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	39266	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

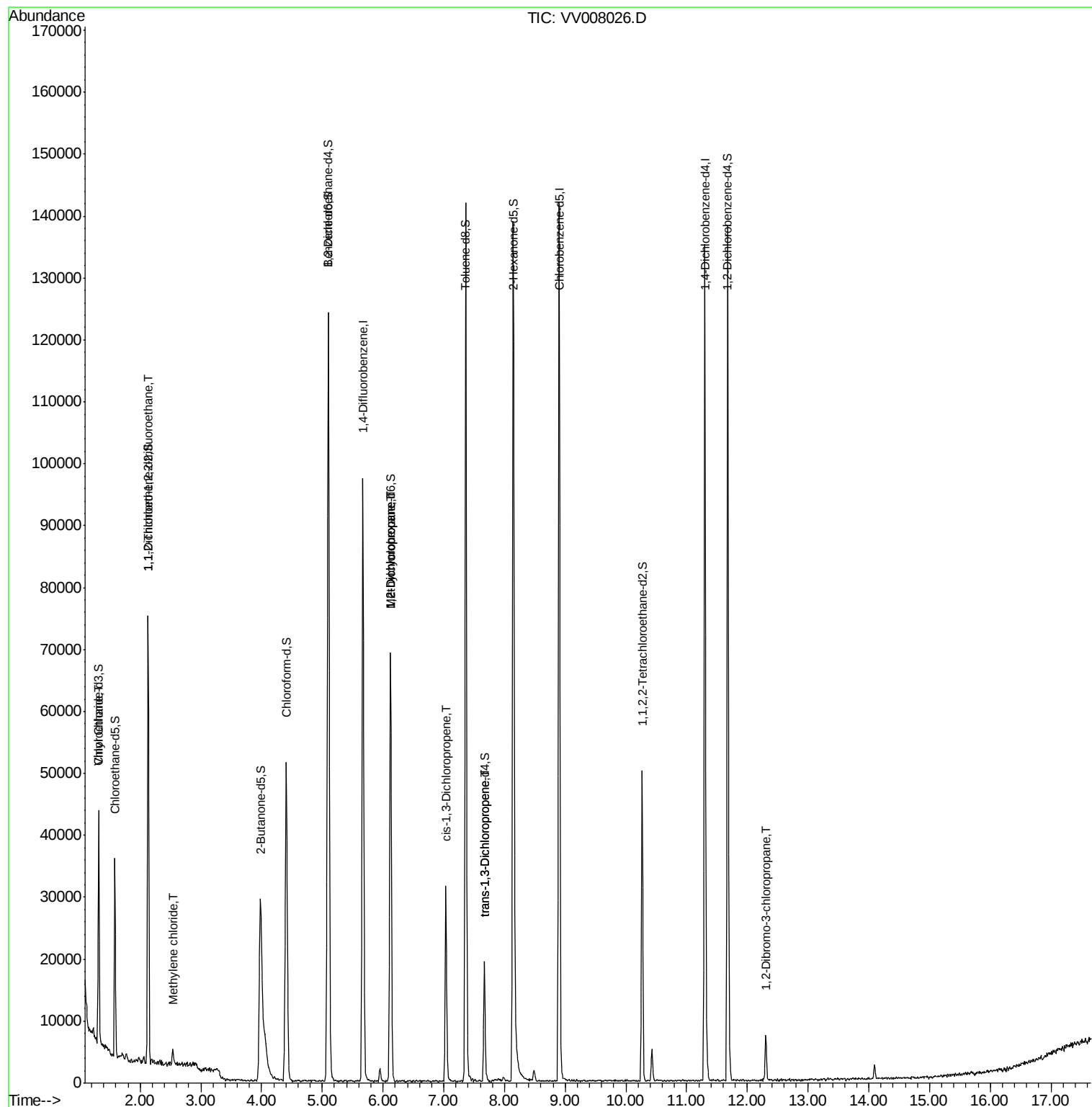
					Ovalue	
8) Chloroethane	1.32	64	332	0.083	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	509	0.083	ug/L #	13
16) Methylene chloride	2.54	84	848	0.140	ug/L #	82
35) Methylcyclohexane	6.13	83	7919	0.812	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3806	0.656	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	947	0.122	ug/L #	49
44) trans-1,3-Dichloropropene	7.67	75	542	0.084	ug/L #	77
66) 1,2-Dibromo-3-chloropropan	12.30	75	116	0.190	ug/L #	1

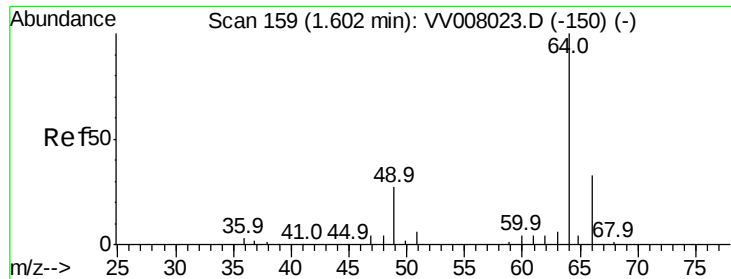
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.083 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV008026.D

Acq: 02 Oct 2018 12:44

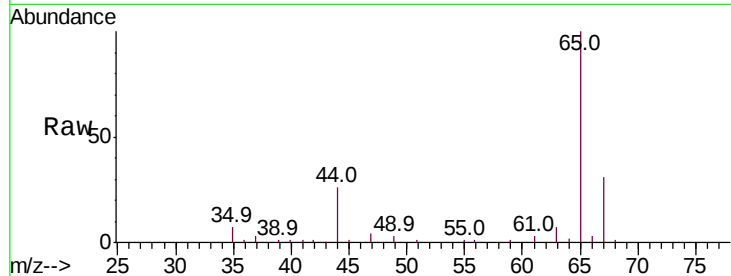
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 332

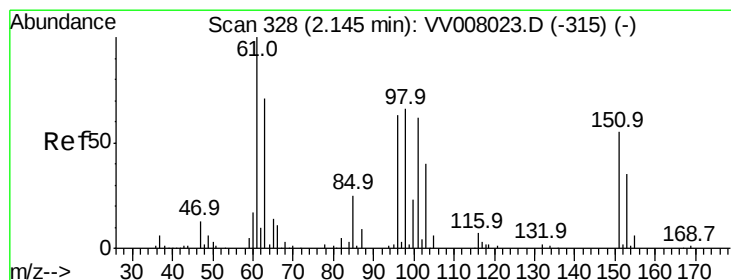
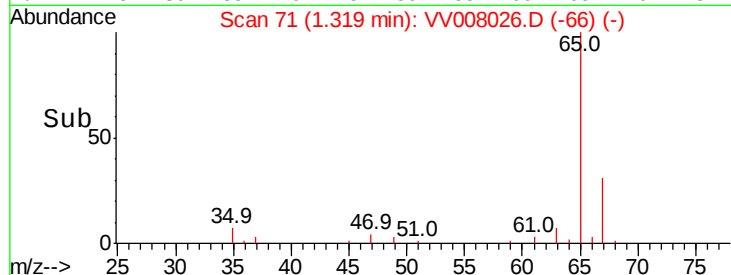
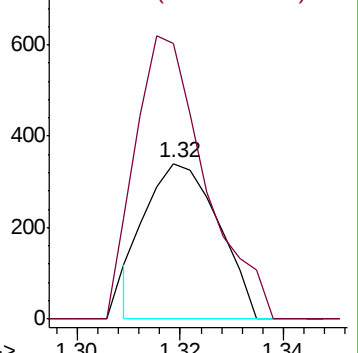
Ion Ratio Lower Upper

64 100

66 177.6 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VV008023.D (-150) (-)



#10

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

Concen: 0.083 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV008026.D

Acq: 02 Oct 2018 12:44

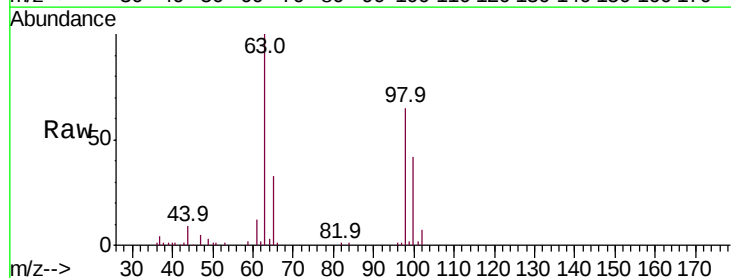
Tgt Ion: 101 Resp: 509

Ion Ratio Lower Upper

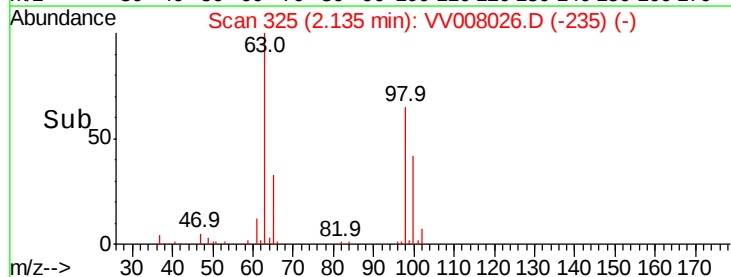
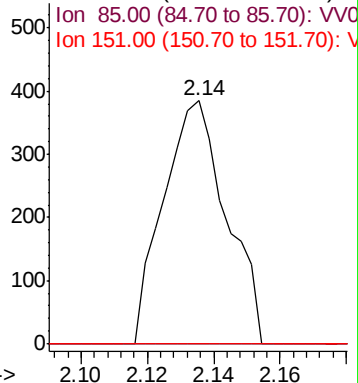
101 100

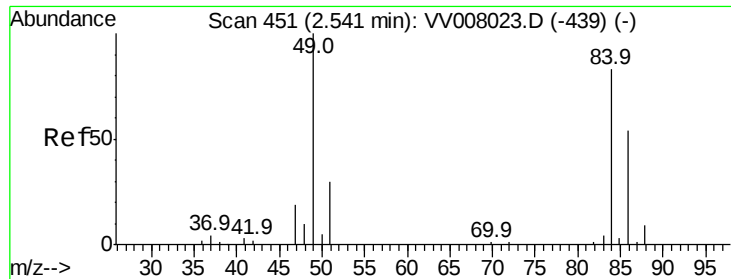
85 0.0 34.7 52.1#

151 0.0 72.2 108.2#



Abundance Ion 101.00 (100.70 to 101.70): VV008023.D (-315) (-)

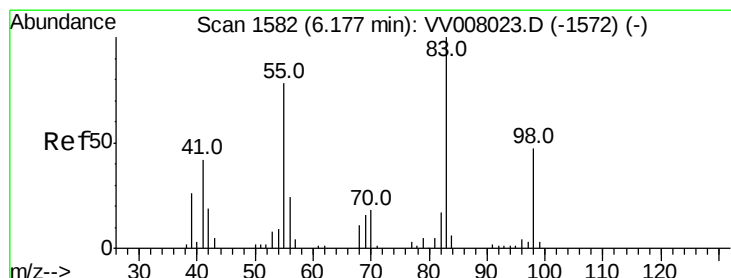
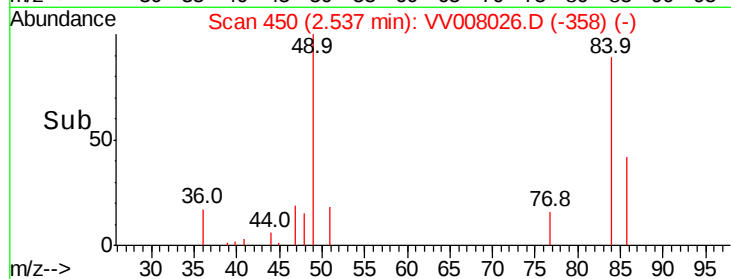
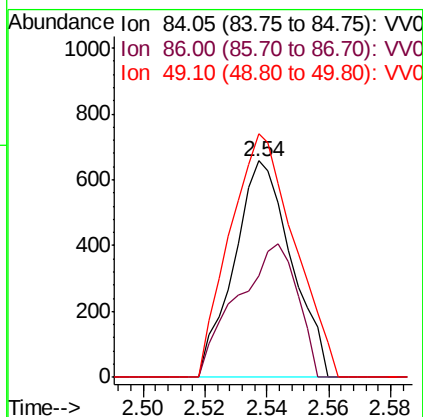
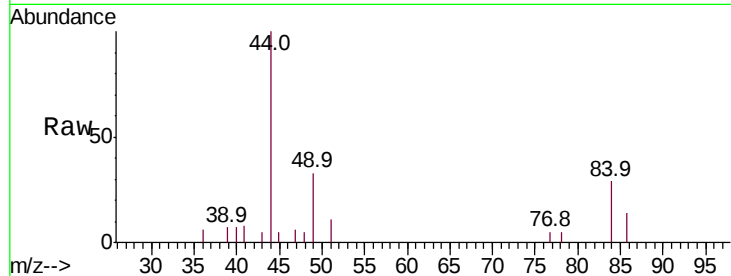




#16
Methvlene chloride
Concen: 0.140 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008026.D
Acq: 02 Oct 2018 12:44

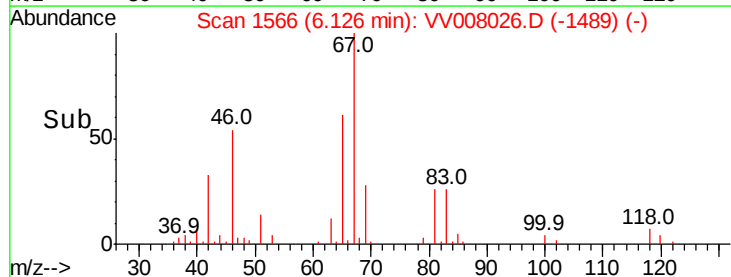
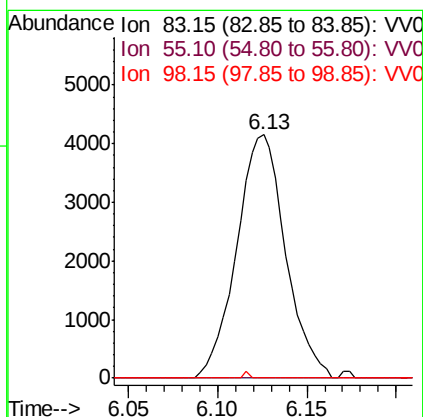
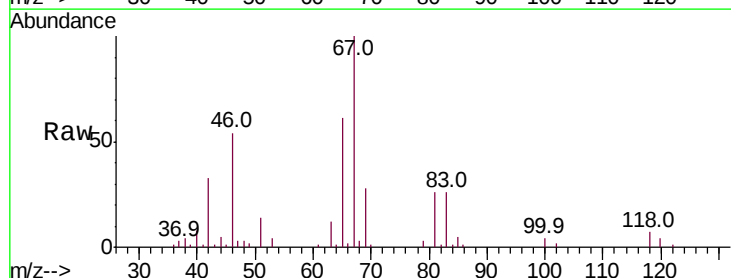
Instrument :
MSVOA_V
ClientSampleId :

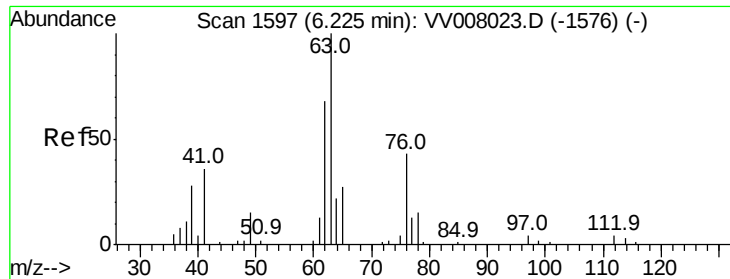
Tot Ion: 84 Resp: 848
Ion Ratio Lower Upper
84 100
86 46.9 47.3 87.8#
49 112.5 90.0 167.2



#35
Methylcyclohexane
Concen: 0.812 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008026.D
Acq: 02 Oct 2018 12:44

Tgt Ion: 83 Resp: 7919
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.3 38.0 57.0#

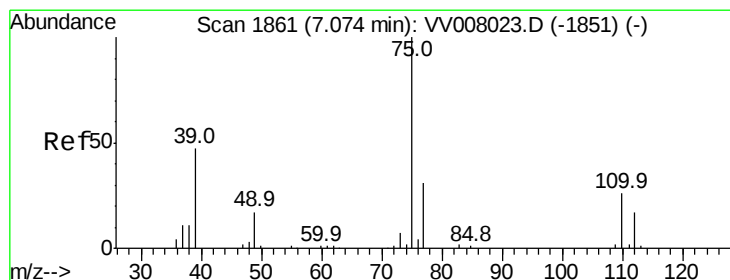
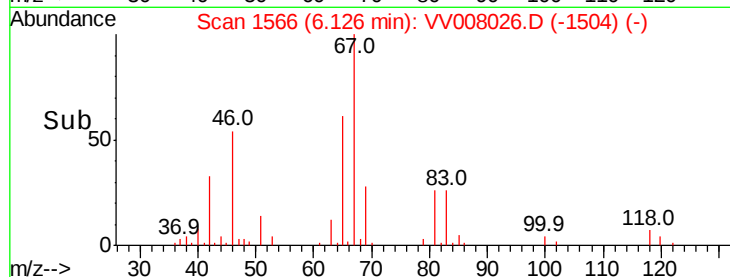
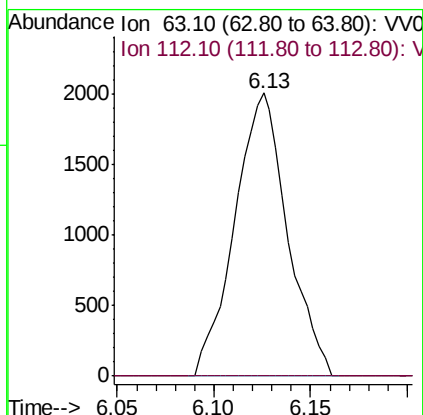
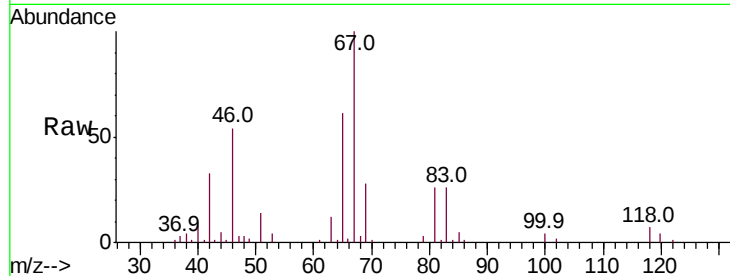




#37
 1,2-Dichloropropane
 Concen: 0.656 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV008026.D
 Acq: 02 Oct 2018 12:44

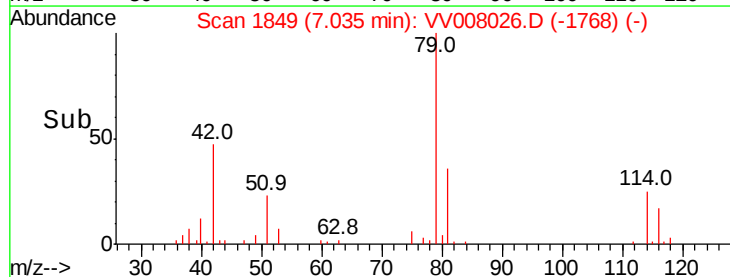
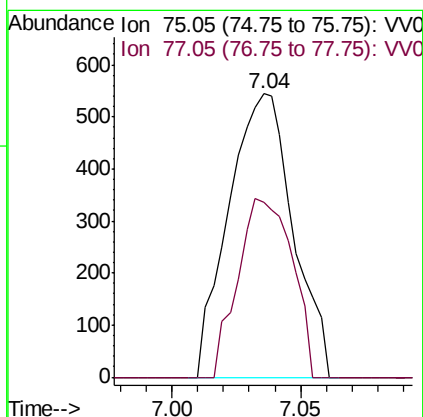
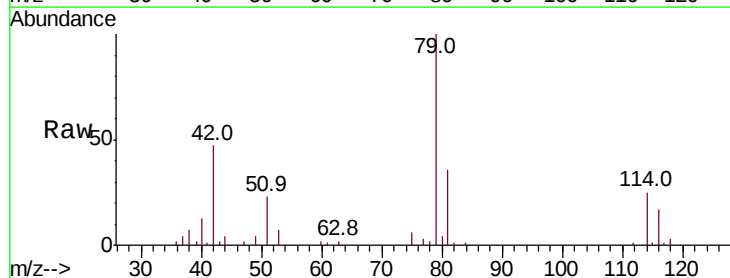
Instrument :
 MSVOA_V
 ClientSampleId :

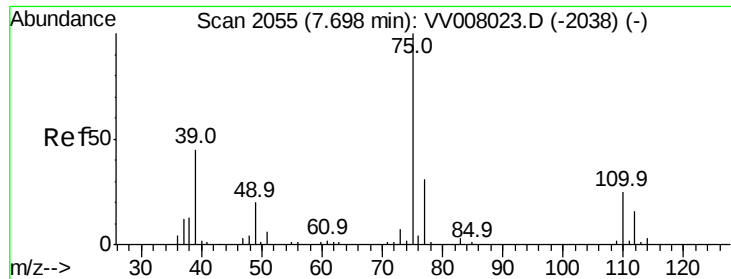
Tot Ion: 63 Resp: 3806
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008026.D
 Acq: 02 Oct 2018 12:44

Tgt Ion: 75 Resp: 947
 Ion Ratio Lower Upper
 75 100
 77 61.6 22.9 42.5#





#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008026.D

Acq: 02 Oct 2018 12:44

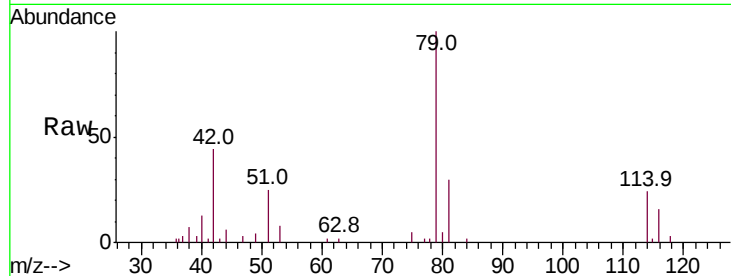
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 542

Ion Ratio Lower Upper

75 100

77 44.8 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

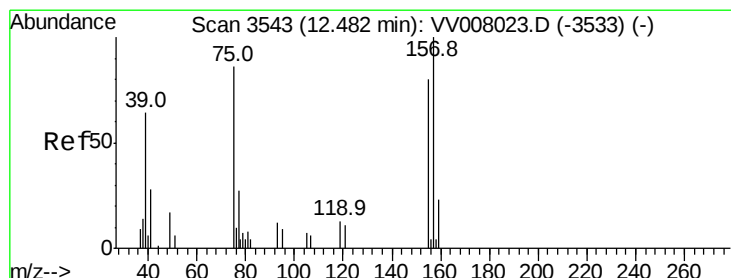
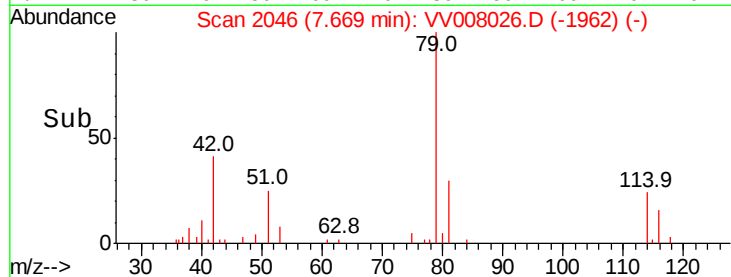
300

200

100

0

Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 0.190 ug/L

RT: 12.30 min Scan# 3486

Delta R.T. -0.18 min

Lab File: VV008026.D

Acq: 02 Oct 2018 12:44

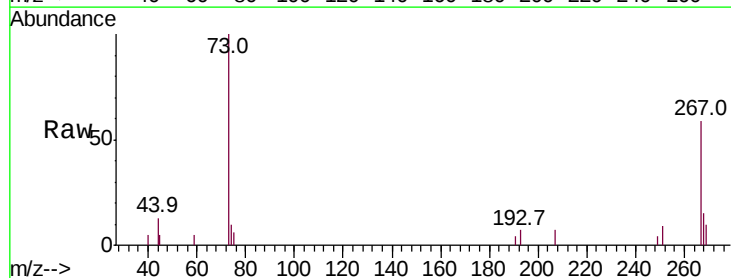
Tgt Ion: 75 Resp: 116

Ion Ratio Lower Upper

75 100

155 0.0 83.4 125.2#

157 0.0 93.9 140.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

200

150

100

50

0

Time-->

