

Data File : VV009803.D
Acq On : 21 Mar 2019 18:42
Operator : SY/MD
Sample : K2049-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P002-TW001-02

Quant Time: Mar 22 08:17:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 22 08:14:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	99278	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	99139	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46563	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63061	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	56438	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.13	63	114836	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	3.98	46	73678	53.06	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.12%
24) Chloroform-d	4.40	84	62277	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.09	65	32385	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.10	84	134949	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.12	67	39902	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.36	98	120924	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.67	79	13087	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.14	63	63669	52.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28583	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	43997	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

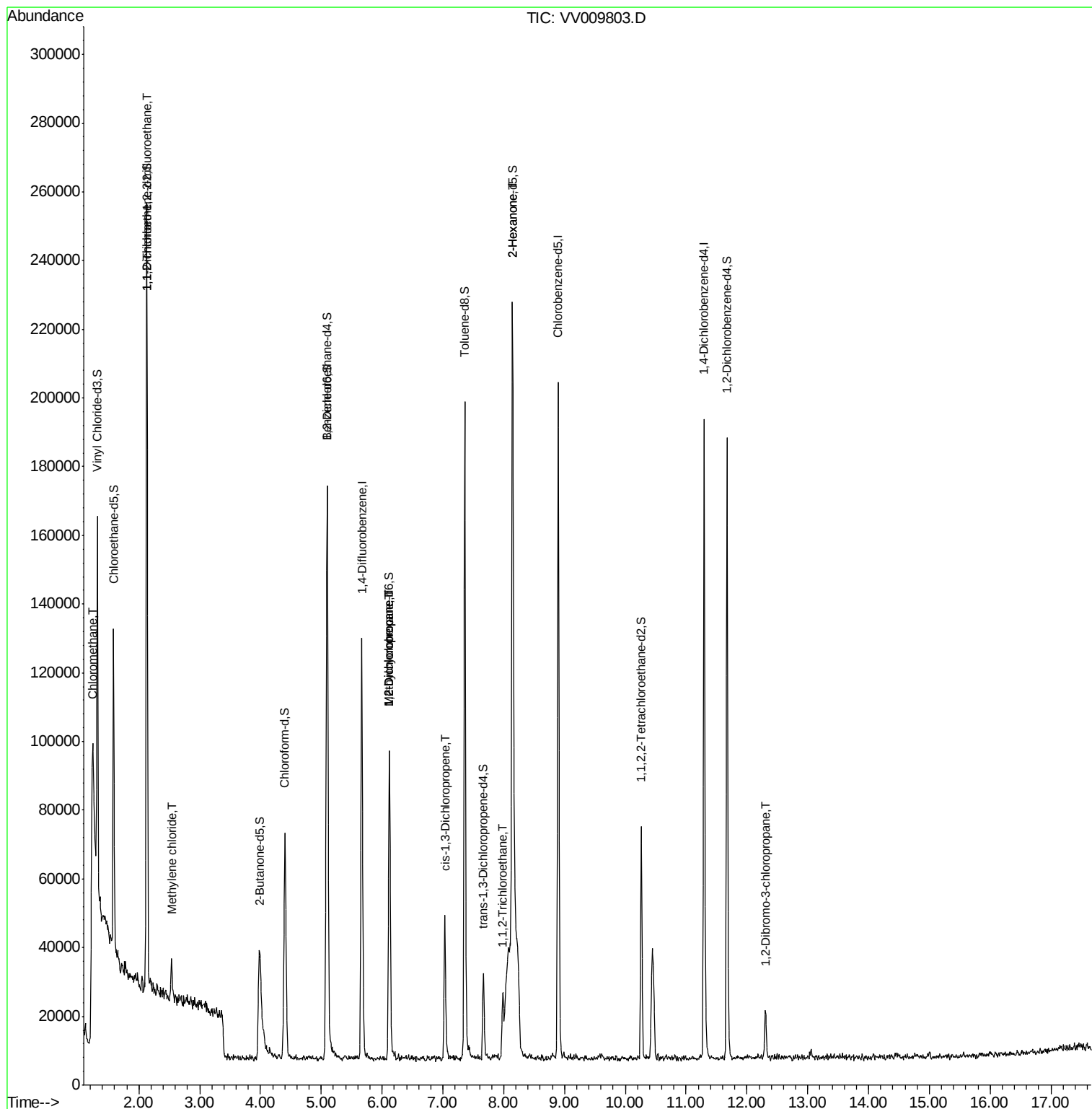
					Qvalue	
3) Chloromethane	1.25	50	1388	0.106	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1286	0.086	ug/L #	23
16) Methylene chloride	2.54	84	4674	0.312	ug/L	99
35) Methylcyclohexane	6.12	83	9771	0.811	ug/L #	20
37) 1,2-Dichloropropane	6.13	63	4957	0.712	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1150	0.122	ug/L #	73
45) 1,1,2-Trichloroethane	7.98	97	415	0.088	ug/L #	14
48) 2-Hexanone	8.15	43	10668	3.728	ug/L #	72
66) 1,2-Dibromo-3-chloropropan	12.31	75	538	0.721	ug/L #	13

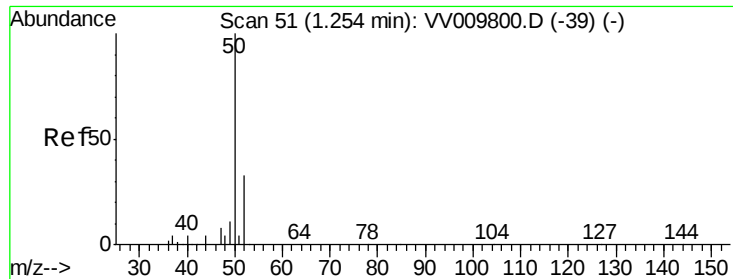
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009803.D
Acq On : 21 Mar 2019 18:42
Operator : SY/MD
Sample : K2049-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P002-TW001-02

Quant Time: Mar 22 08:17:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 22 08:14:34 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.106 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.01 min

Lab File: VV009803.D

Acq: 21 Mar 2019 18:42

Instrument :

MSVOA_V

ClientSampleId :

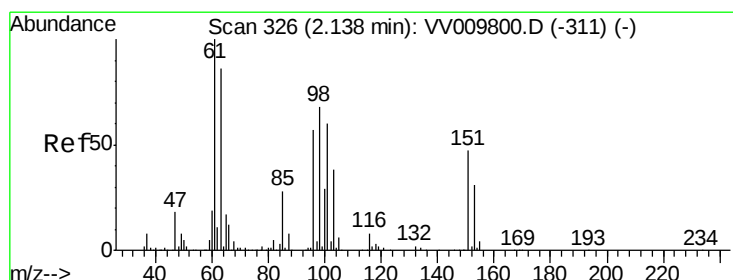
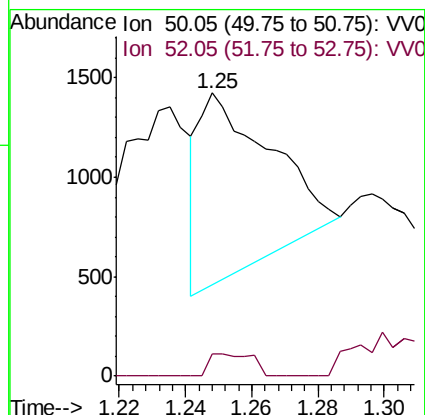
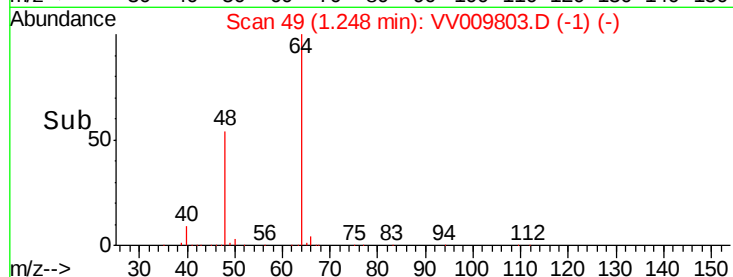
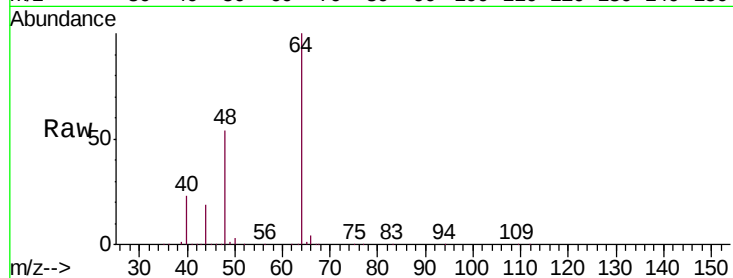
P002-TW001-02

Tgt Ion: 50 Resp: 1388

Ion Ratio Lower Upper

50 100

52 8.0 22.9 42.5#



#10

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

Concen: 0.086 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV009803.D

Acq: 21 Mar 2019 18:42

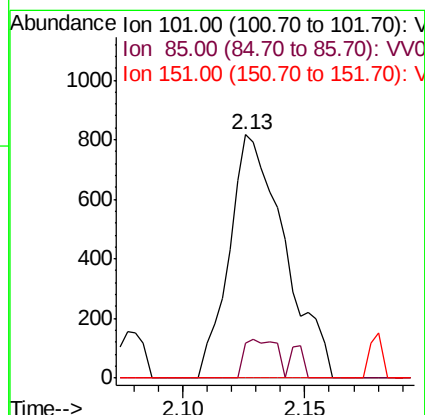
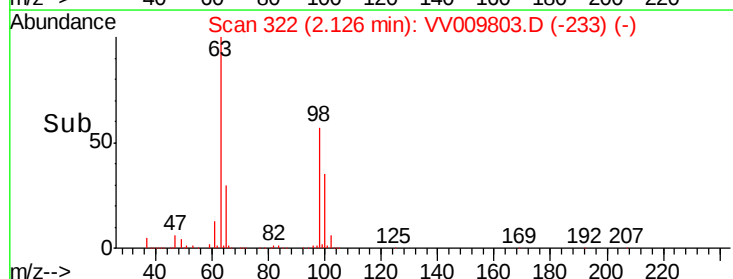
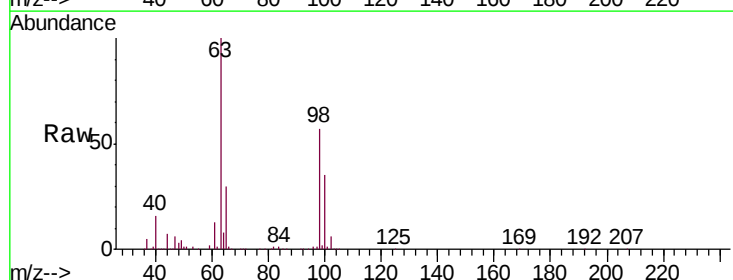
Tgt Ion: 101 Resp: 1286

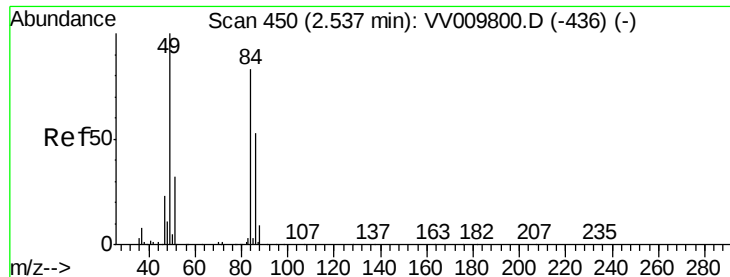
Ion Ratio Lower Upper

101 100

85 8.9 39.2 58.8#

151 0.0 61.1 91.7#

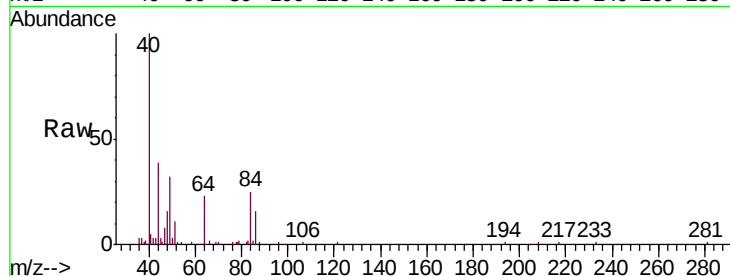




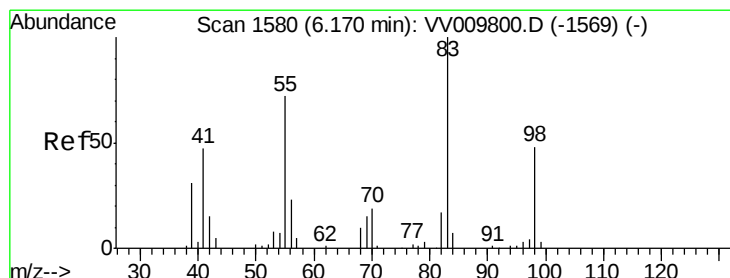
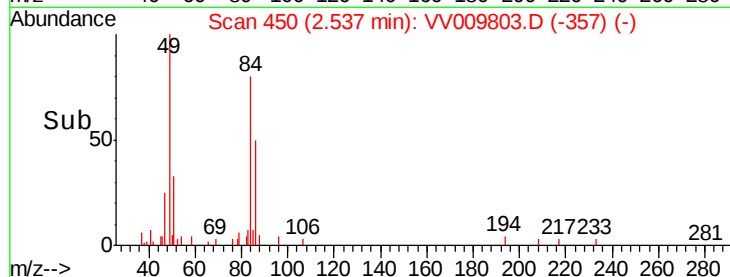
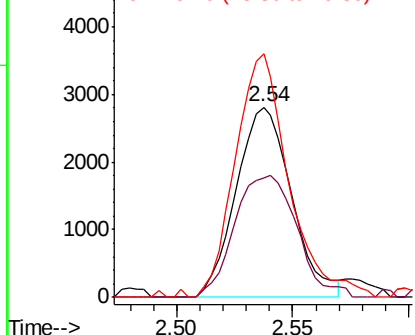
#16
Methylene chloride
Concen: 0.312 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009803.D
Acq: 21 Mar 2019 18:42

Instrument :
MSVOA_V
ClientSampleId :
P002-TW001-02

Tgt Ion: 84 Resp: 4674
Ion Ratio Lower Upper
84 100
86 62.7 46.1 85.5
49 127.9 89.7 166.5

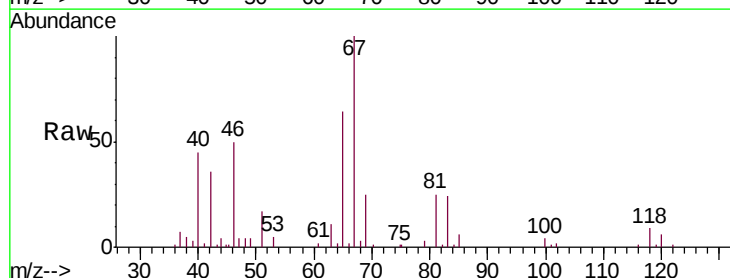


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

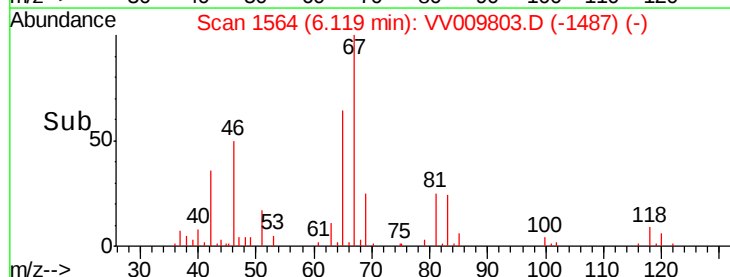
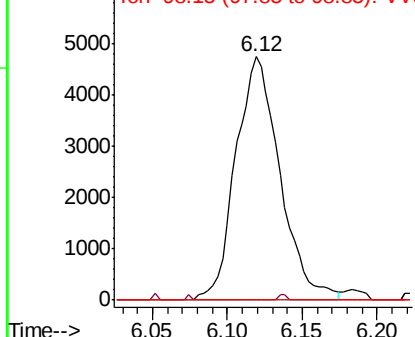


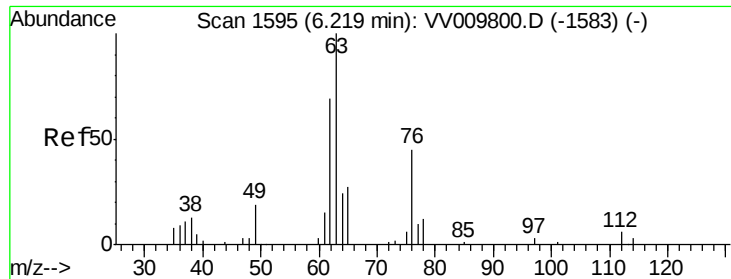
#35
Methylcyclohexane
Concen: 0.811 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009803.D
Acq: 21 Mar 2019 18:42

Tgt Ion: 83 Resp: 9771
Ion Ratio Lower Upper
83 100
55 0.4 57.4 86.2#
98 0.0 38.9 58.3#



Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

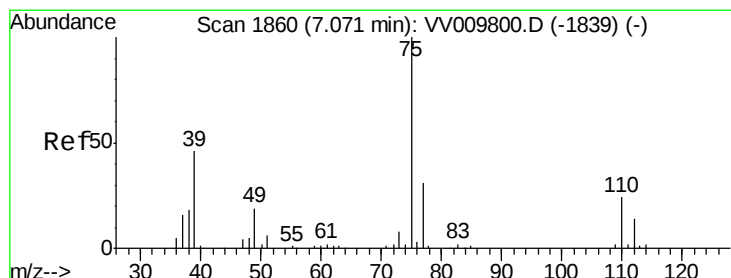
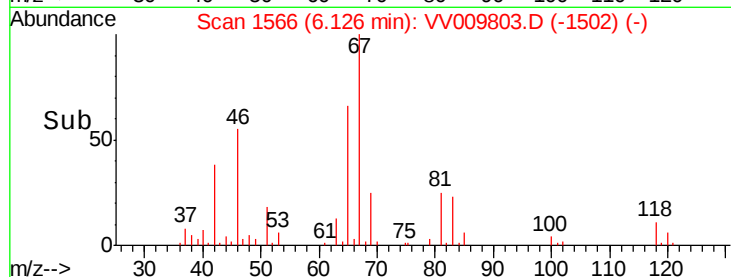
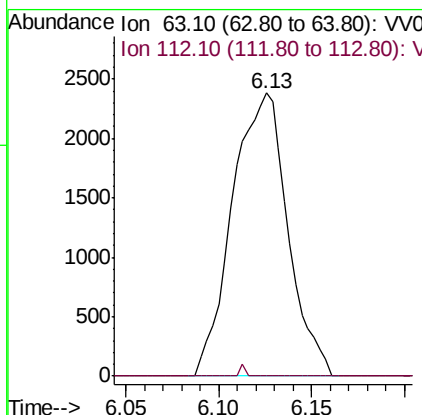
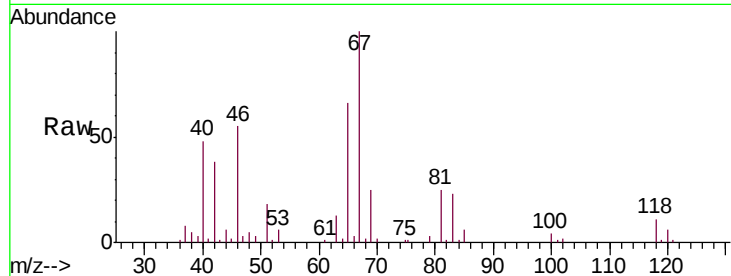




#37
 1,2-Dichloropropane
 Concen: 0.712 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.09 min
 Lab File: VV009803.D
 Acq: 21 Mar 2019 18:42

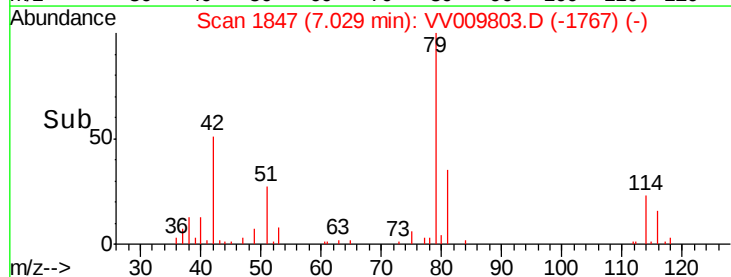
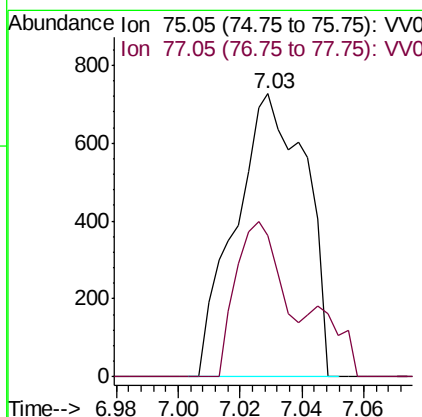
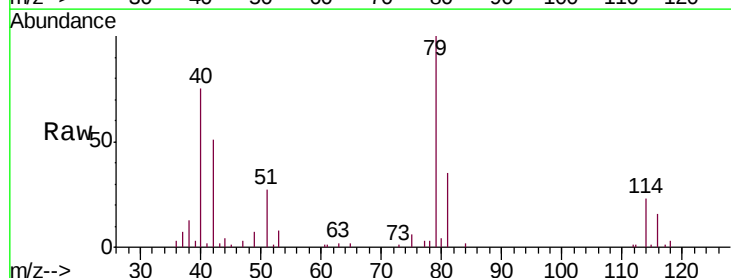
Instrument :
 MSVOA_V
 ClientSampleId :
 P002-TW001-02

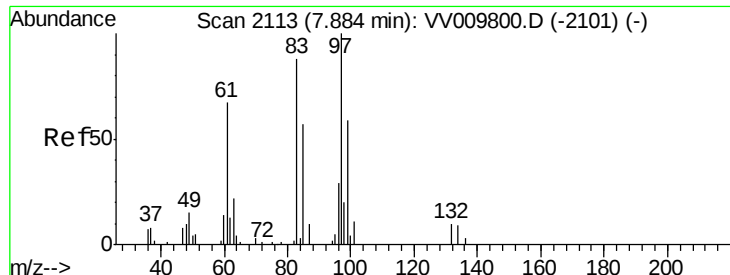
Tgt Ion: 63 Resp: 4957
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009803.D
 Acq: 21 Mar 2019 18:42

Tgt Ion: 75 Resp: 1150
 Ion Ratio Lower Upper
 75 100
 77 50.1 24.1 44.8#

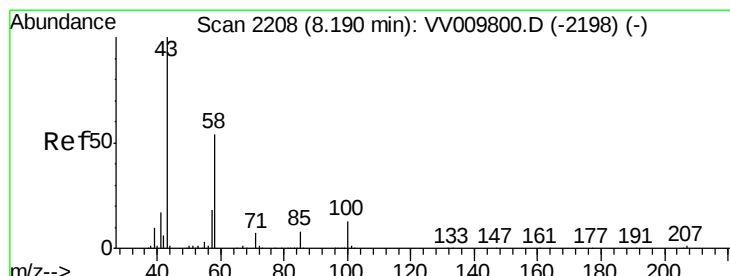
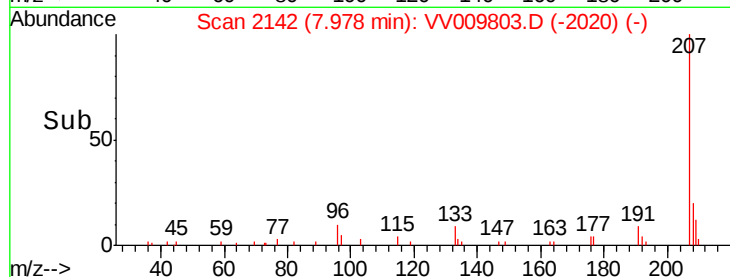
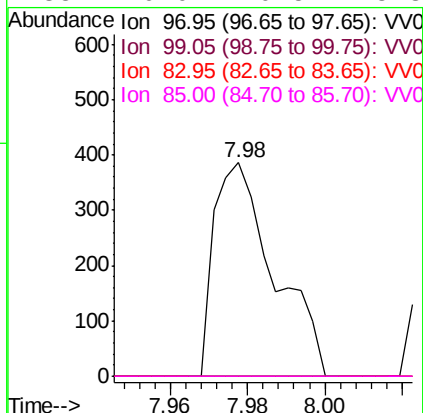
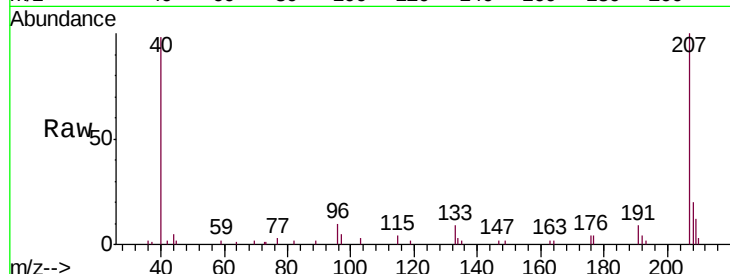




#45
 1,1,2-Trichloroethane
 Concen: 0.088 ug/L
 RT: 7.98 min Scan# 2142
 Delta R.T. 0.09 min
 Lab File: VV009803.D
 Acq: 21 Mar 2019 18:42

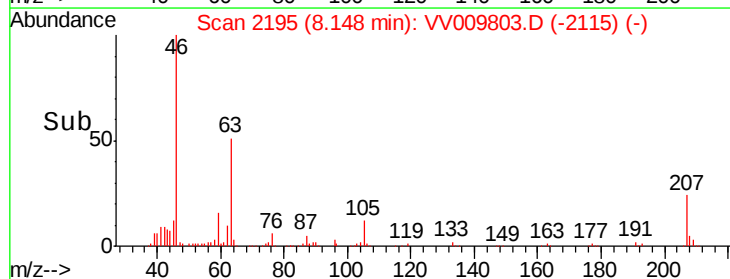
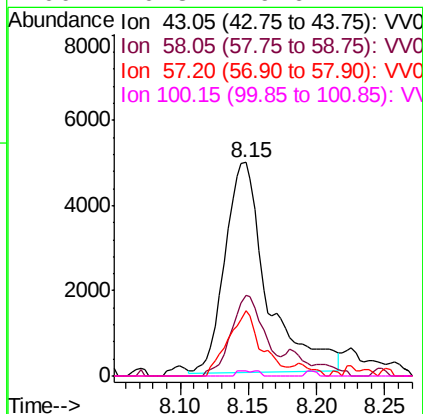
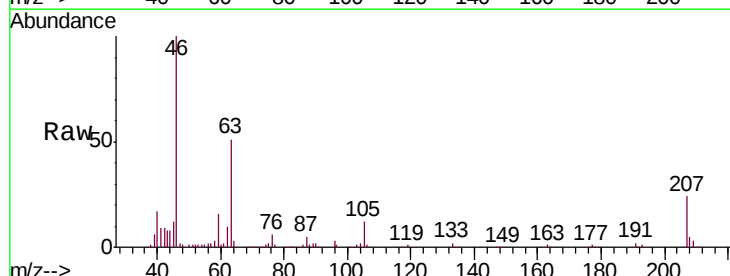
Instrument :
 MSVOA_V
 ClientSampleId :
 P002-TW001-02

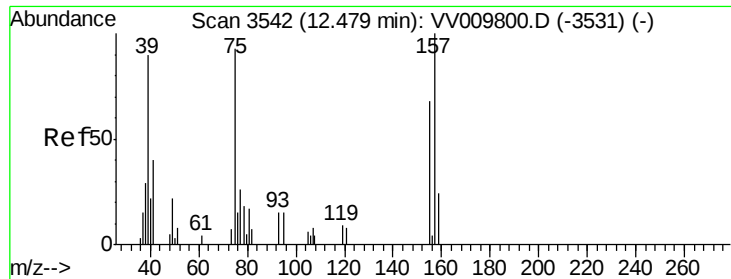
Tgt Ion:	97	Resp:	415
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.8	81.4#
83	0.0	60.7	112.7#
85	0.0	40.5	75.3#



#48
 2-Hexanone
 Concen: 3.728 ug/L
 RT: 8.15 min Scan# 2195
 Delta R.T. -0.04 min
 Lab File: VV009803.D
 Acq: 21 Mar 2019 18:42

Tgt Ion:	43	Resp:	10668
Ion	Ratio	Lower	Upper
43	100		
58	30.0	43.4	65.0#
57	24.4	15.0	22.4#
100	0.8	9.6	14.4#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.721 ug/L

RT: 12.31 min Scan# 3488

Delta R.T. -0.17 min

Lab File: VV009803.D

Acq: 21 Mar 2019 18:42

Instrument :

MSVOA_V

ClientSampleId :

P002-TW001-02

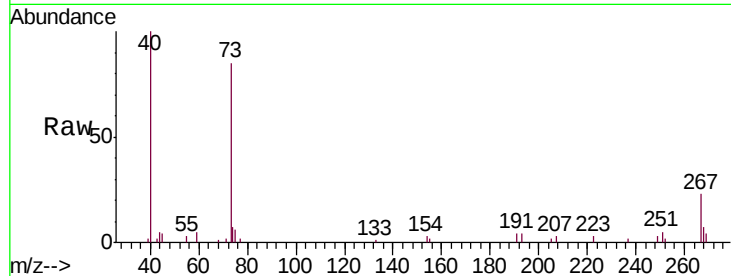
Tgt Ion: 75 Resp: 538

Ion Ratio Lower Upper

75 100

155 29.2 73.5 110.3#

157 0.0 88.3 132.5#



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

