

Data File : VV009832.D
Acq On : 22 Mar 2019 17:17
Operator : SY/MD
Sample : K2052-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P007-TW001-01

Quant Time: Mar 23 03:57:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 23 03:53:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	92752	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	95580	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40131	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54769	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.59	69	53092	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.13	63	105229	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	3.98	46	66000	50.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.74%
24) Chloroform-d	4.40	84	58790	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.09	65	30764	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.10	84	120870	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	37316	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	107227	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.67	79	10999	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.14	63	56678	48.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26025	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	37413	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

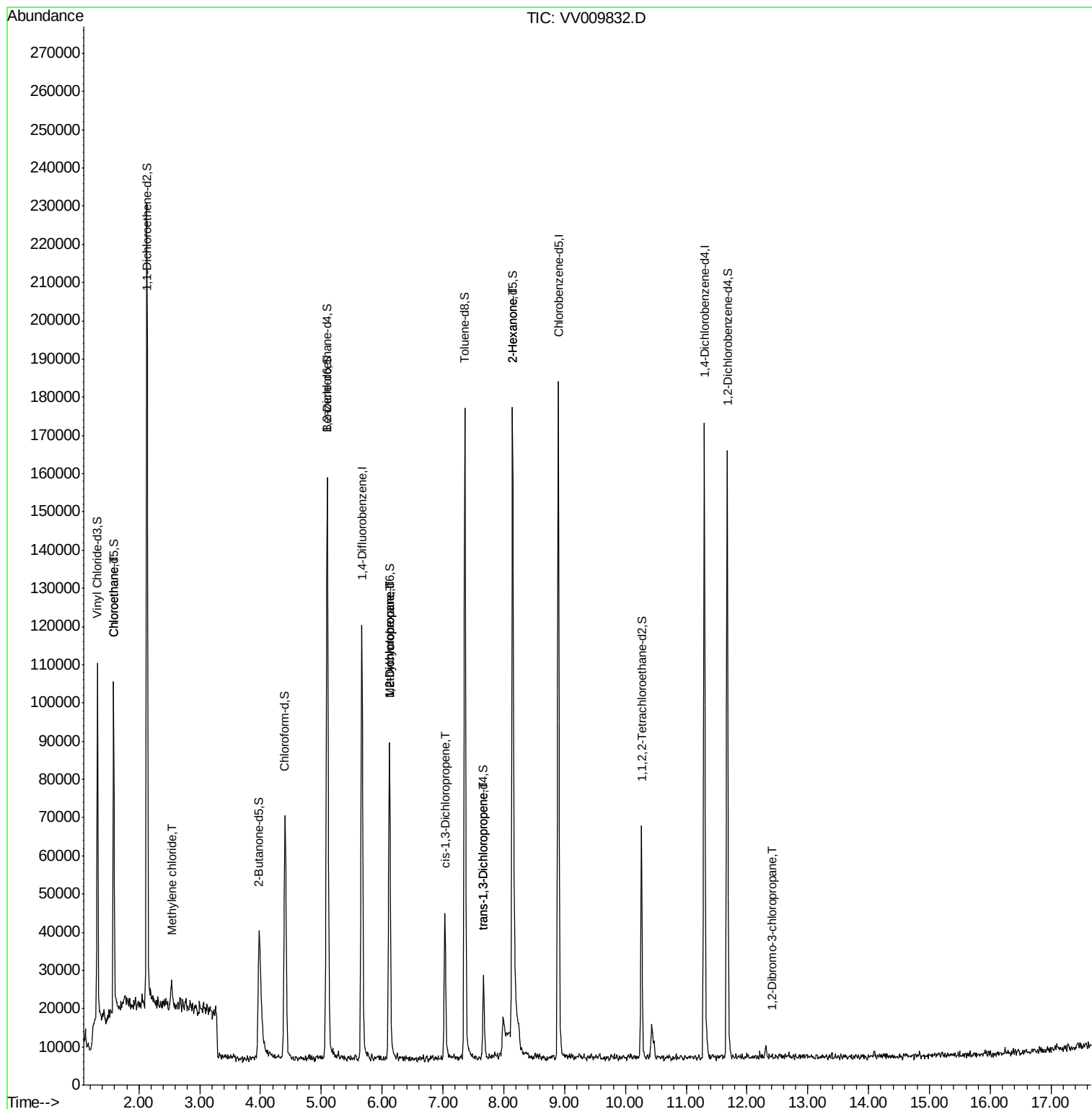
					Qvalue
8) Chloroethane	1.60	64	842	0.090 ug/L #	57
16) Methylene chloride	2.54	84	2741	0.196 ug/L	84
35) Methylcyclohexane	6.12	83	8355	0.719 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	4627	0.690 ug/L #	93
39) cis-1,3-Dichloropropene	7.03	75	1178	0.130 ug/L	82
44) trans-1,3-Dichloropropene	7.67	75	716	0.099 ug/L	83
48) 2-Hexanone	8.14	43	7849	2.845 ug/L #	62
66) 1,2-Dibromo-3-chloropropan	12.42	75	84	0.131 ug/L #	1

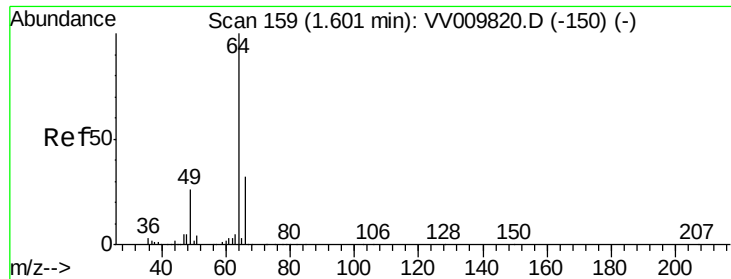
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.090 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

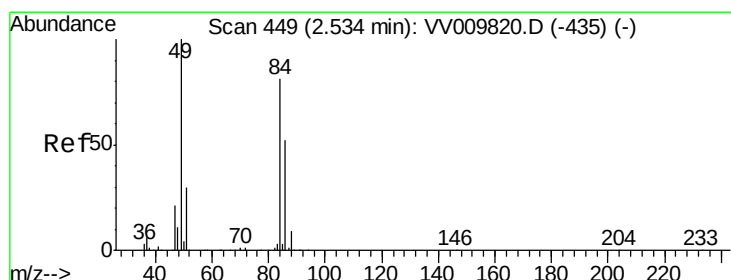
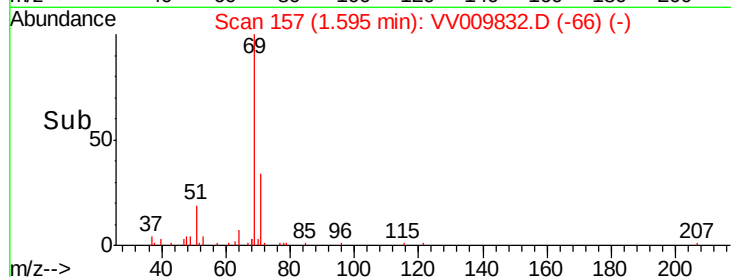
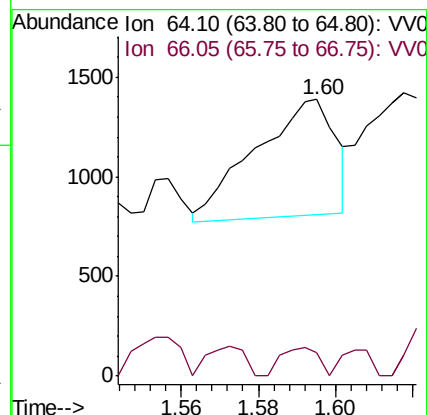
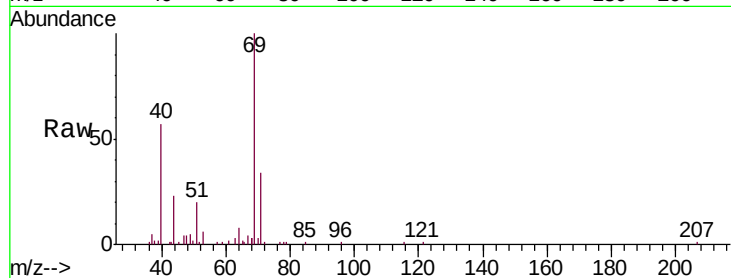
P007-TW001-01

Tgt Ion: 64 Resp: 842

Ion Ratio Lower Upper

64 100

66 8.3 22.4 41.6#



#16

Methylene chloride

Concen: 0.196 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

Lab File: VV009832.D

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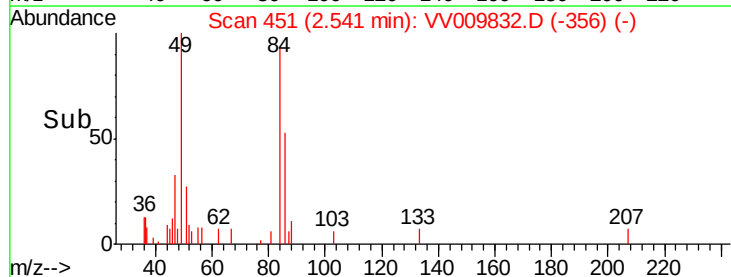
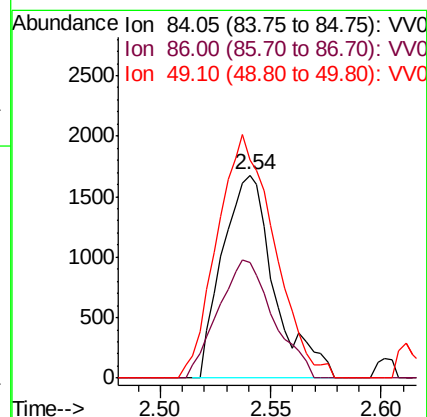
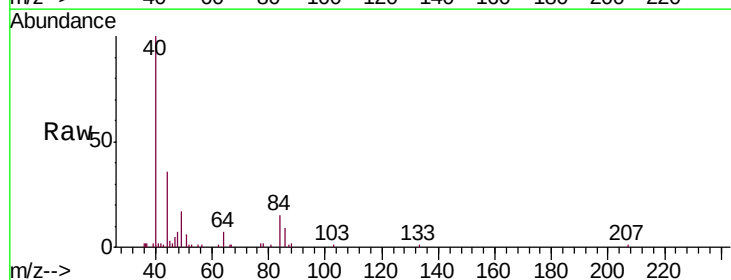
Tgt Ion: 84 Resp: 2741

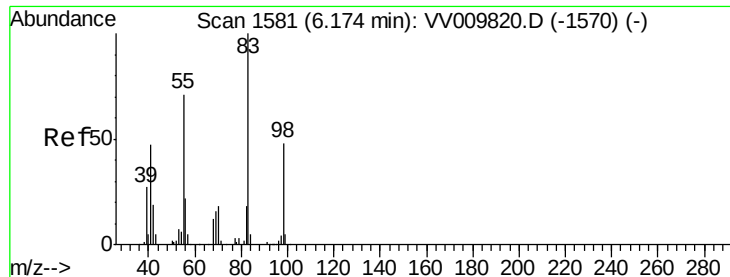
Ion Ratio Lower Upper

84 100

86 56.8 46.1 85.5

49 107.4 89.7 166.5

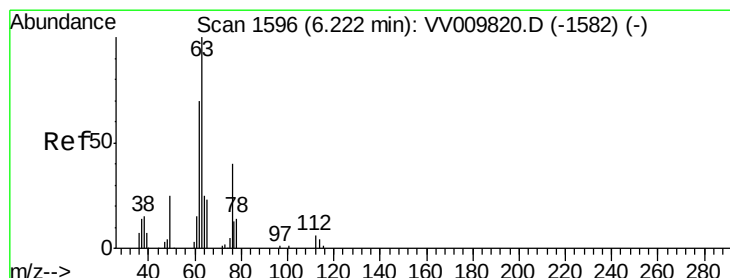
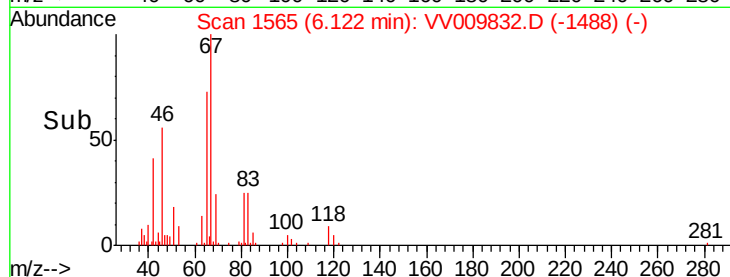
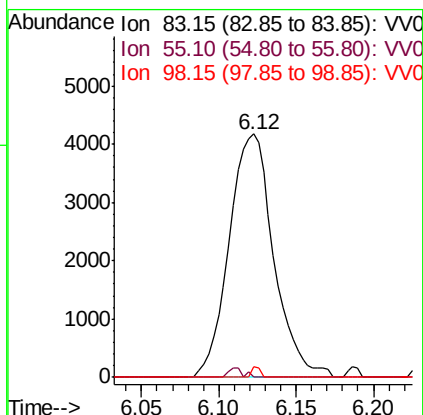
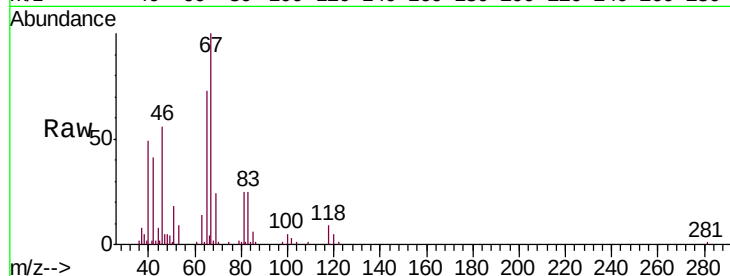




#35
Methylcyclohexane
Concen: 0.719 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV009832.D
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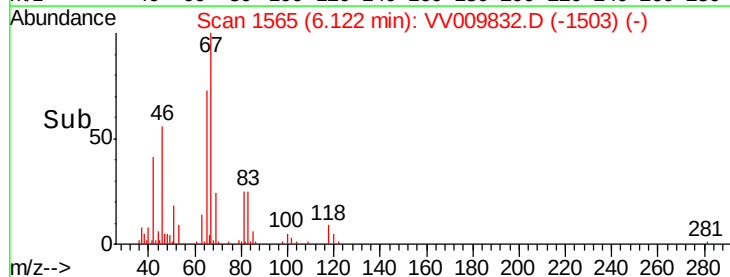
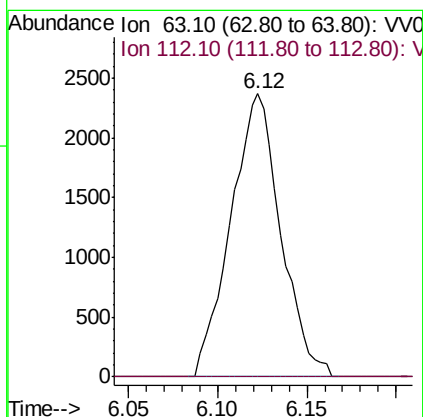
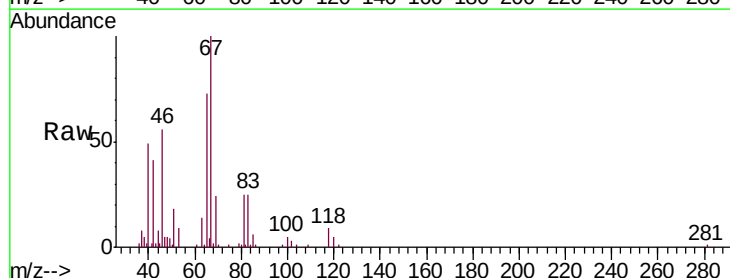
Instrument :
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P007-TW001-01

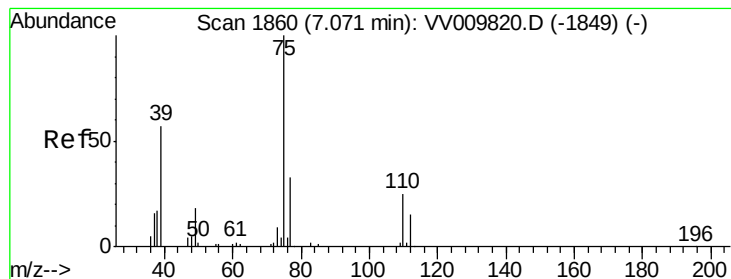
Tgt Ion: 83 Resp: 8355
Ion Ratio Lower Upper
83 100
55 1.2 57.4 86.2#
98 0.8 38.9 58.3#



#37
1,2-Dichloropropane
Concen: 0.690 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV009832.D
Acq: 22 Mar 2019 17:17

Tgt Ion: 63 Resp: 4627
Ion Ratio Lower Upper
63 100
112 1.9 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.130 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV009832.D

Acq: 22 Mar 2019 17:17

Instrument :

MSVOA_V

ClientSampleId :

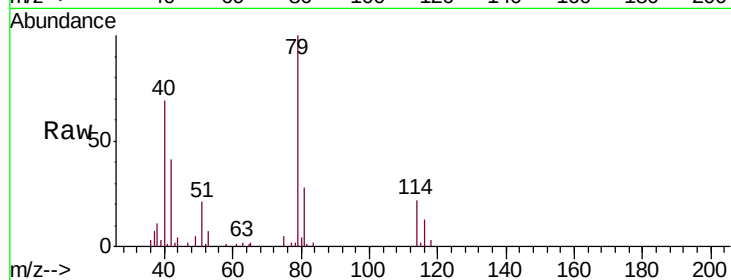
P007-TW001-01

Tgt Ion: 75 Resp: 1178

Ion Ratio Lower Upper

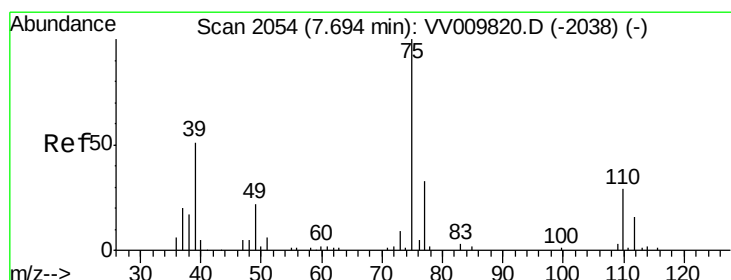
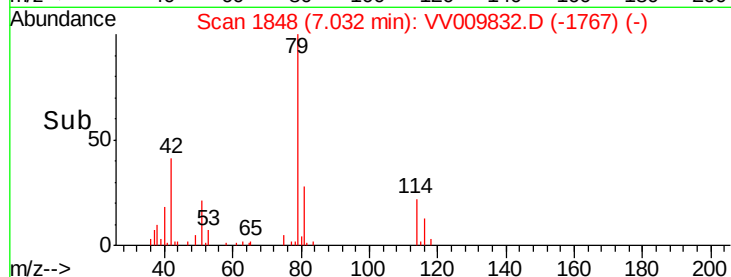
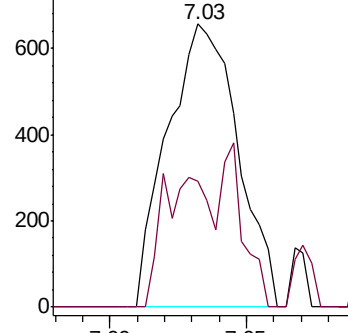
75 100

77 44.6 24.1 44.8



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009832.D

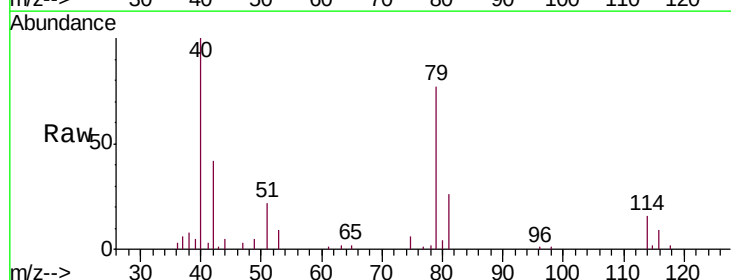
Acq: 22 Mar 2019 17:17

Tgt Ion: 75 Resp: 716

Ion Ratio Lower Upper

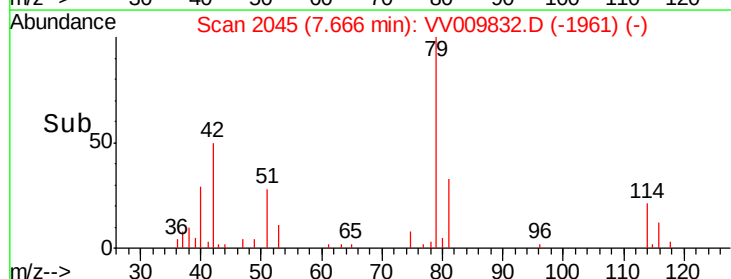
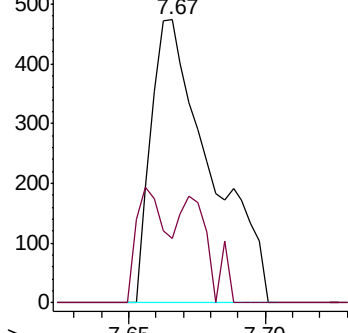
75 100

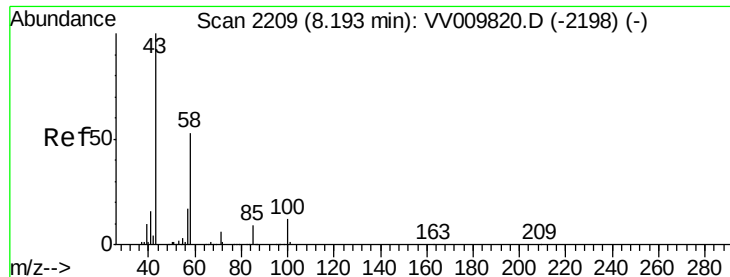
77 22.8 22.7 42.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

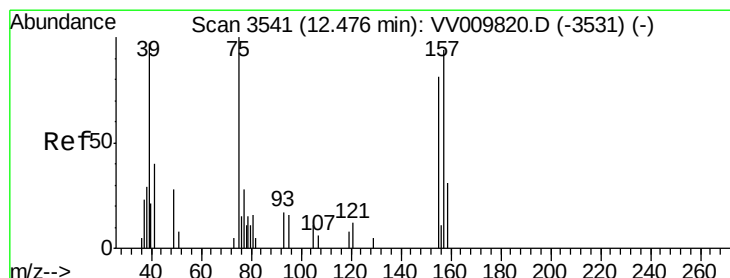
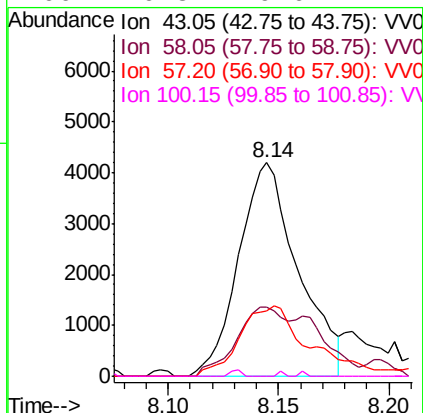
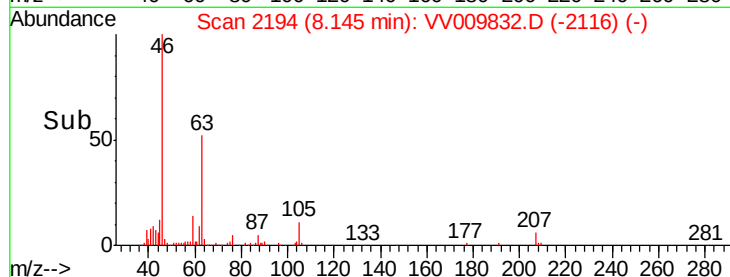
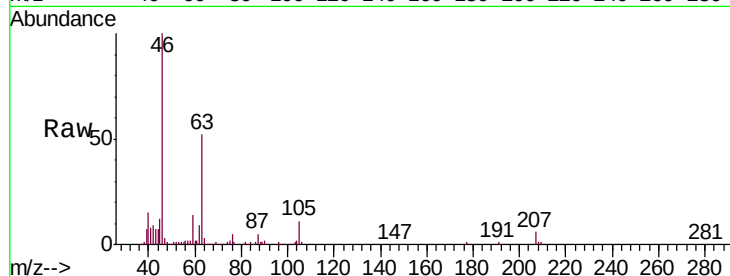




#48
 2-Hexanone
 Concen: 2.845 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.05 min
 Lab File: VV009832.D
 Acq: 22 Mar 2019 17:17

Instrument :
 MSVOA_V
 ClientSampleId :
 P007-TW001-01

Tgt Ion: 43 Resp: 7849
 Ion Ratio Lower Upper
 43 100
 58 26.8 43.4 65.0#
 57 38.5 15.0 22.4#
 100 0.3 9.6 14.4#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.131 ug/L
 RT: 12.42 min Scan# 3525
 Delta R.T. -0.05 min
 Lab File: VV009832.D
 Acq: 22 Mar 2019 17:17

Tgt Ion: 75 Resp: 84
 Ion Ratio Lower Upper
 75 100
 155 0.0 73.5 110.3#
 157 0.0 88.3 132.5#

