

Data File : VV009835.D
Acq On : 22 Mar 2019 18:34
Operator : SY/MD
Sample : K2052-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P012-TW001-01

Quant Time: Mar 23 03:58:28 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	88037	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90295	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38105	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50569	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.58	69	49646	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.13	63	96325	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.98	46	63770	51.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.58%
24) Chloroform-d	4.40	84	53872	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	27993	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.10	84	115614	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.12	67	34561	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	99976	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.67	79	9975	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.14	63	52535	47.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25062	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	36613	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

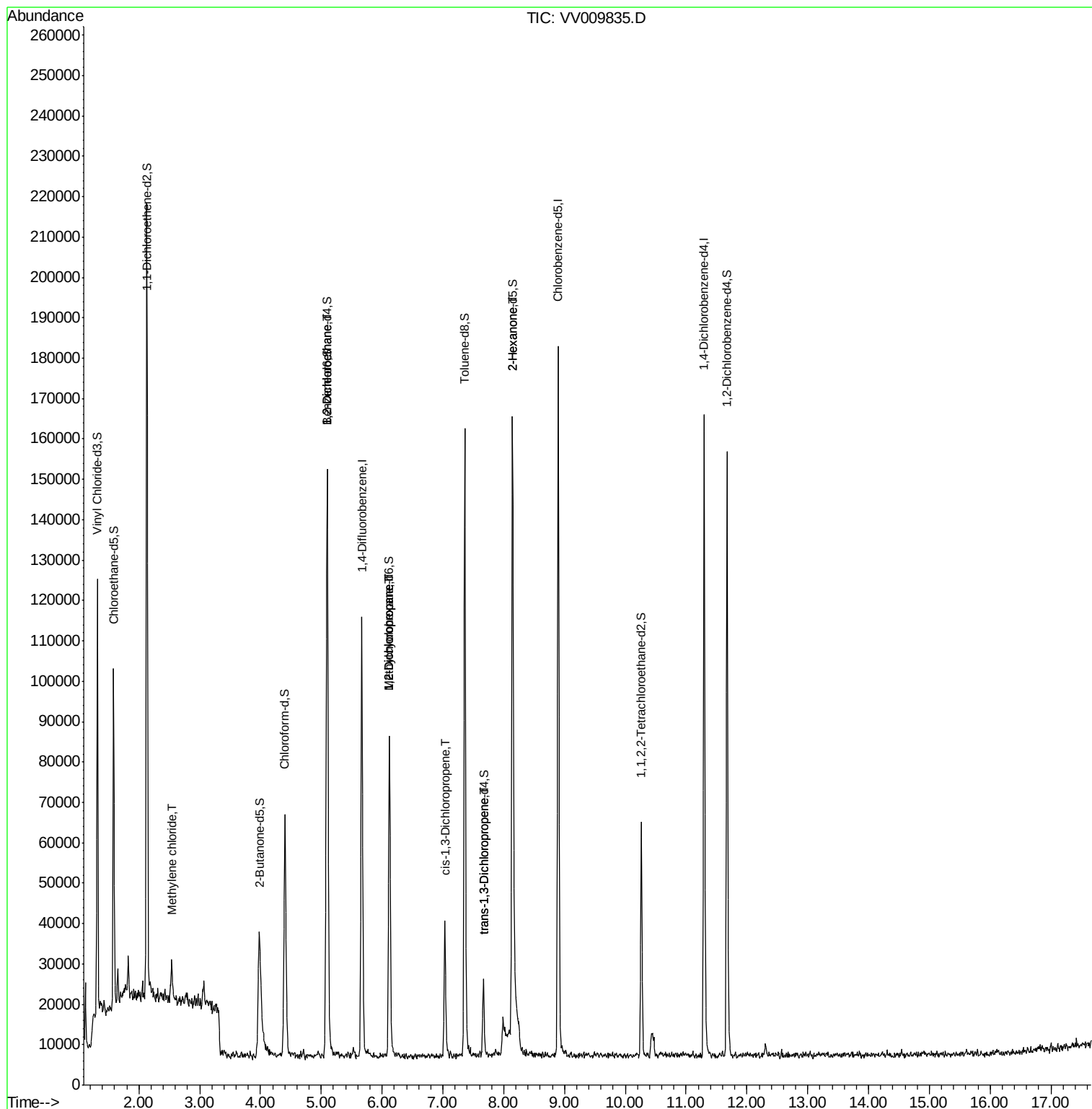
					Qvalue
16) Methylene chloride	2.54	84	3286	0.248 ug/L	88
27) 1,2-Dichloroethane	5.10	62	938	0.144 ug/L #	75
35) Methylcyclohexane	6.12	83	8284	0.755 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4763	0.751 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1204	0.140 ug/L	90
44) trans-1,3-Dichloropropene	7.67	75	565	0.082 ug/L #	42
48) 2-Hexanone	8.15	43	6997	2.685 ug/L #	75

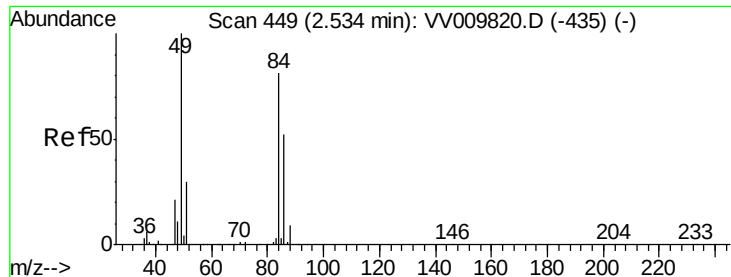
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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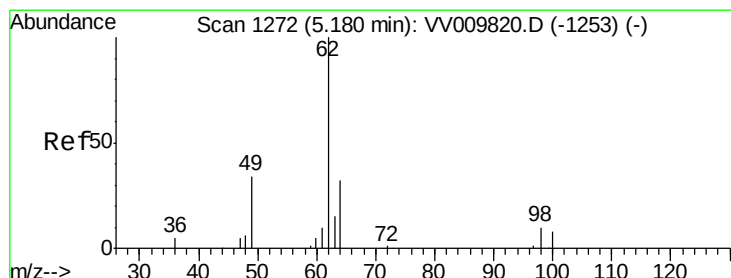
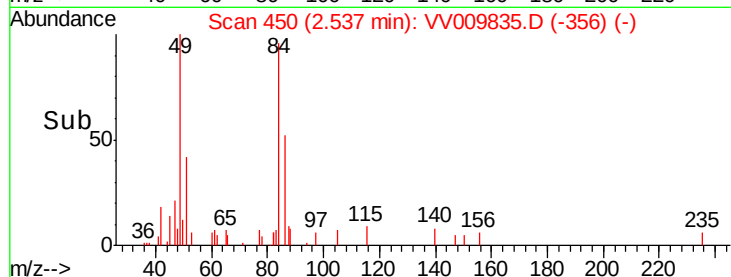
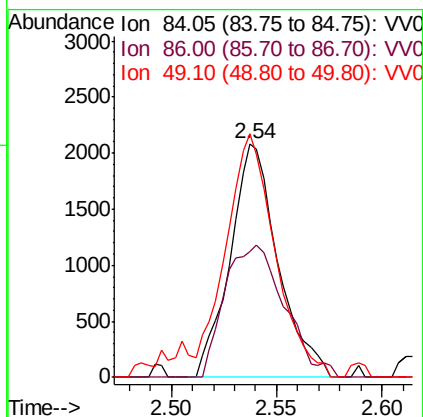
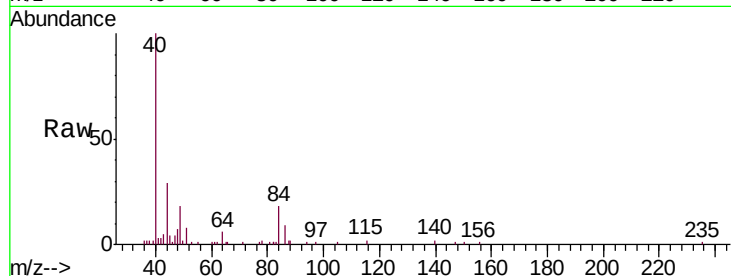




#16
Methylene chloride
Concen: 0.248 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009835.D
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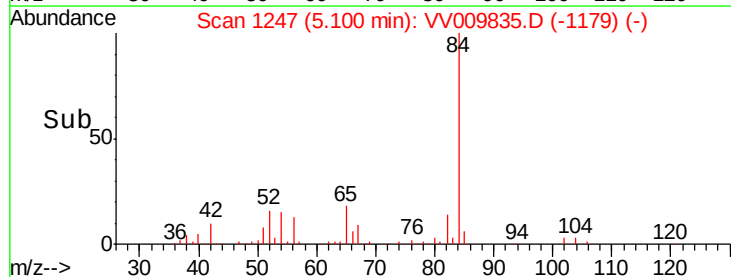
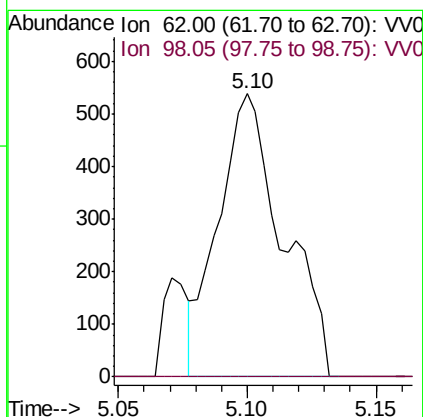
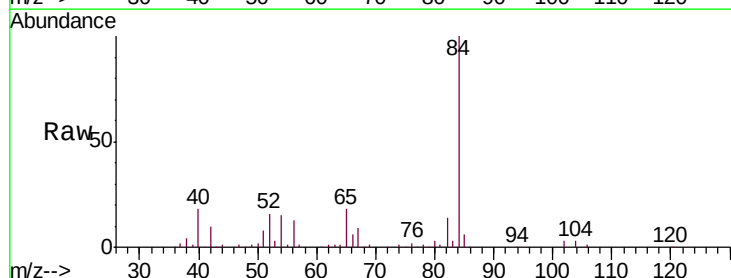
Instrument :
MSVOA_V
ClientSampleId :
P012-TW001-01

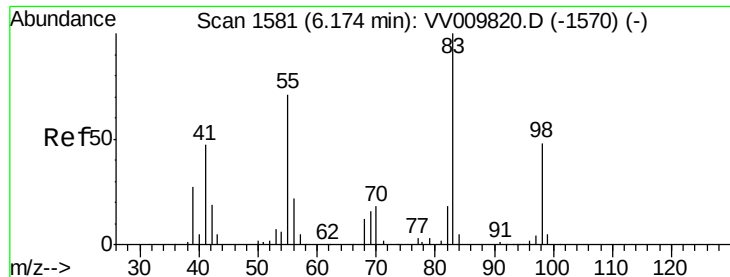
Tgt Ion: 84 Resp: 3286
Ion Ratio Lower Upper
84 100
86 53.9 46.1 85.5
49 116.2 89.7 166.5



#27
1,2-Dichloroethane
Concen: 0.144 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV009835.D
Acq: 22 Mar 2019 18:34

Tgt Ion: 62 Resp: 938
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#

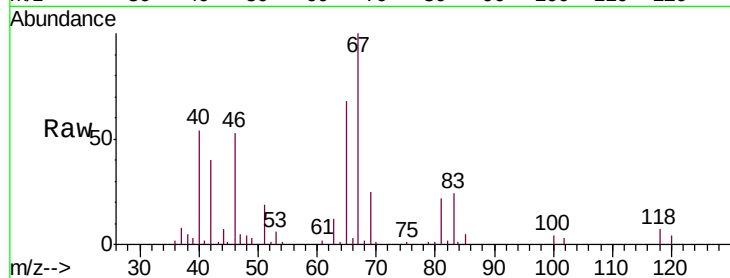




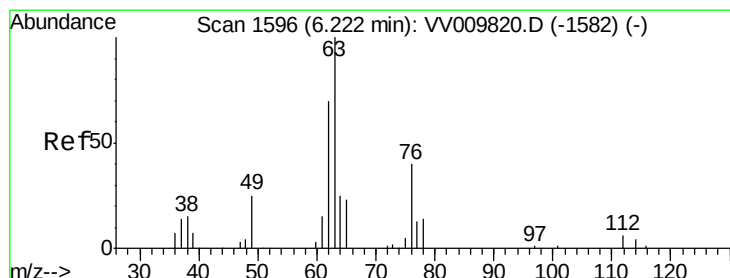
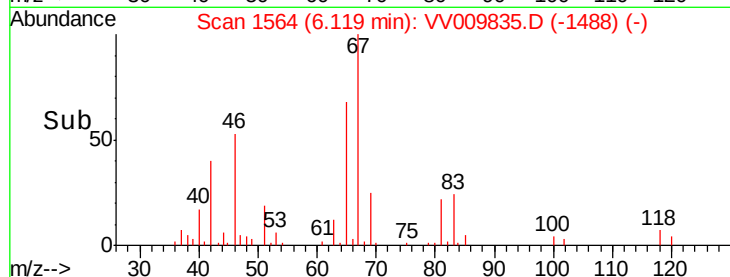
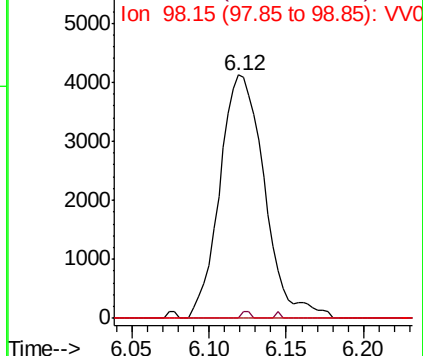
#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009835.D
Acq: 22 Mar 2019 18:34

Instrument :
MSVOA_V
ClientSampleId :
P012-TW001-01

Tgt Ion: 83 Resp: 8284
Ion Ratio Lower Upper
83 100
55 0.5 57.4 86.2#
98 0.0 38.9 58.3#

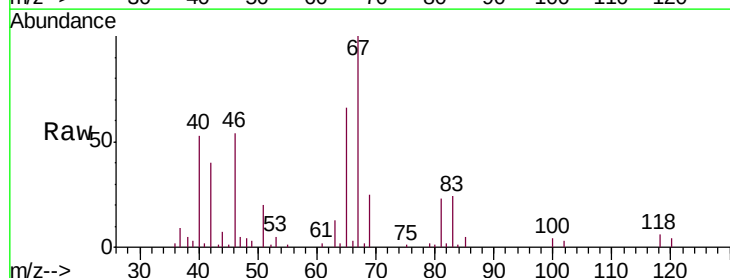


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

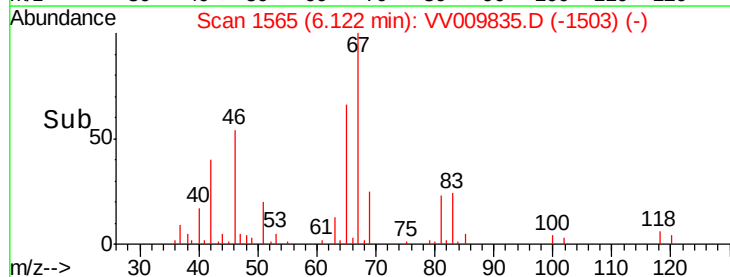
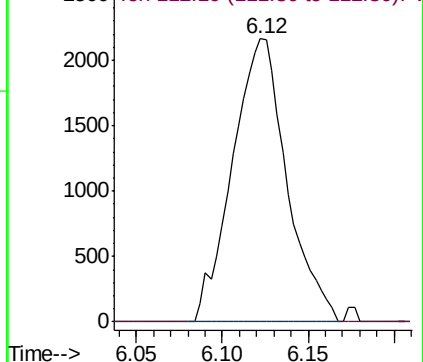


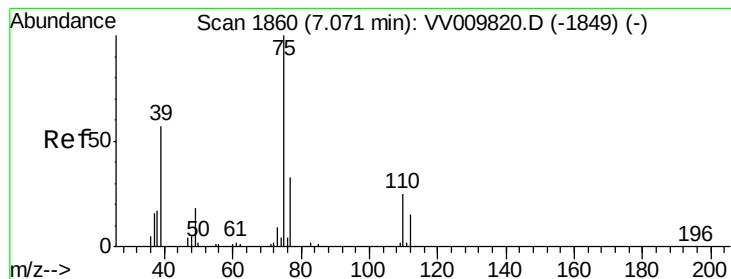
#37
1,2-Dichloropropane
Concen: 0.751 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV009835.D
Acq: 22 Mar 2019 18:34

Tgt Ion: 63 Resp: 4763
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.140 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV009835.D

Acq: 22 Mar 2019 18:34

Instrument :

MSVOA_V

ClientSampleId :

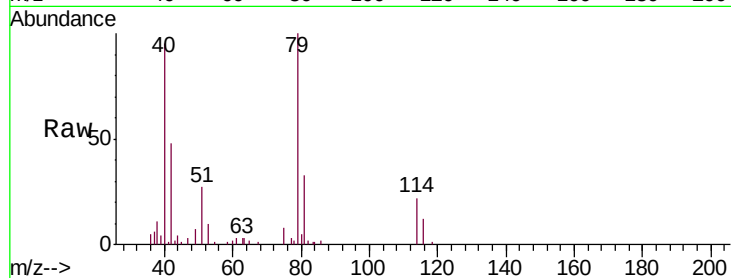
P012-TW001-01

Tgt Ion: 75 Resp: 1204

Ion Ratio Lower Upper

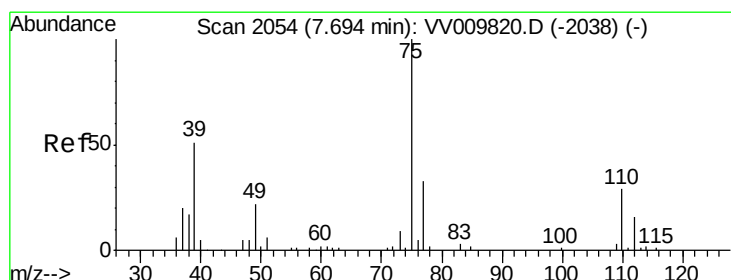
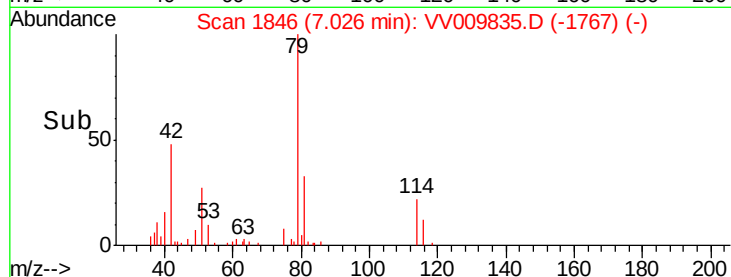
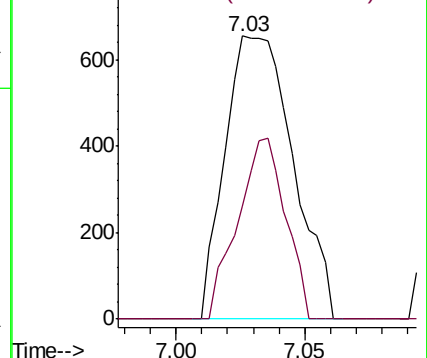
75 100

77 40.0 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: 0.082 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV009835.D

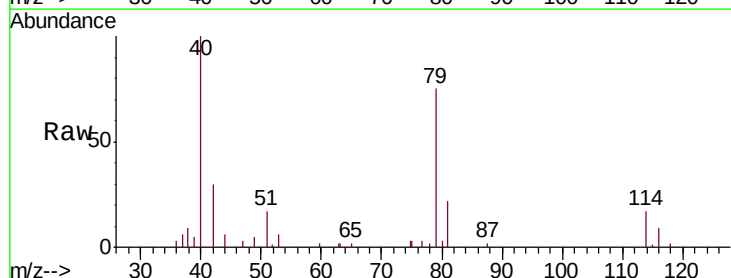
Acq: 22 Mar 2019 18:34

Tgt Ion: 75 Resp: 565

Ion Ratio Lower Upper

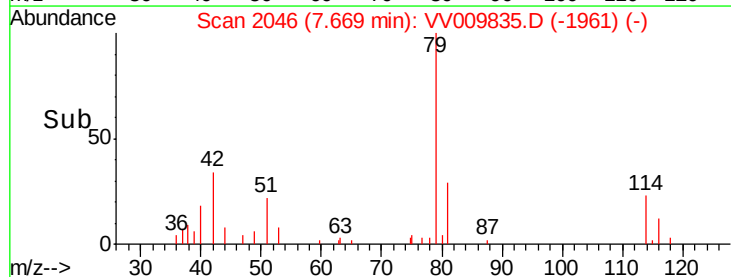
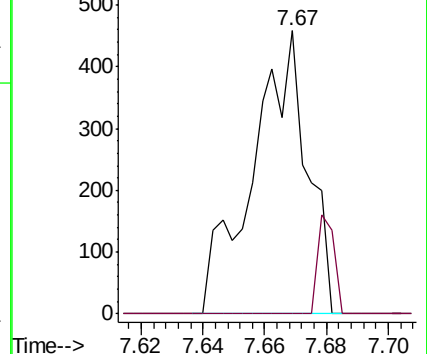
75 100

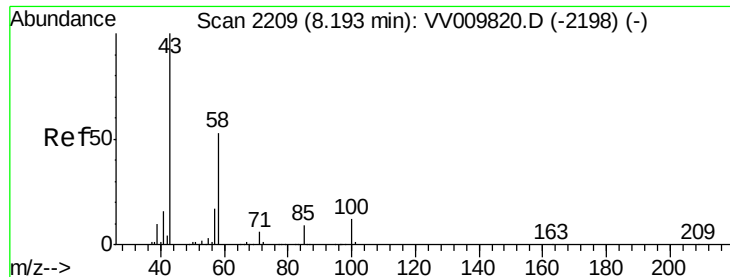
77 0.0 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

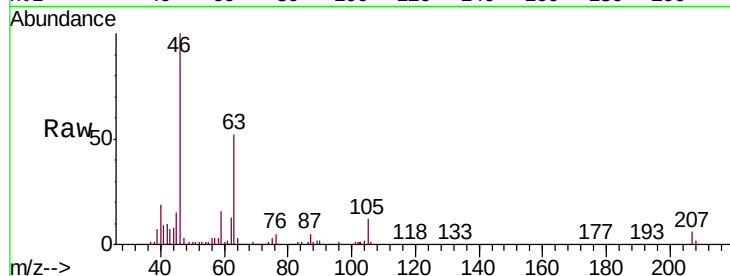




#48
 2-Hexanone
 Concen: 2.685 ug/L
 RT: 8.15 min Scan# 2195
 Delta R.T. -0.04 min
 Lab File: VV009835.D
 Acq: 22 Mar 2019 18:34

Instrument :
 MSVOA_V
 ClientSampleId :
 P012-TW001-01

Tgt Ion:	43	Resp:	6997
Ion	Ratio	Lower	Upper
43	100		
58	42.1	43.4	65.0#
57	38.4	15.0	22.4#
100	0.0	9.6	14.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0
 Ion 57.20 (56.90 to 57.90): VV0
 Ion 100.15 (99.85 to 100.85): VV0

