

Data File : VV009812.D
Acq On : 21 Mar 2019 22:33
Operator : SY/MD
Sample : K2049-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P018-TW001-01

Quant Time: Mar 22 08:19:13 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	90403	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92211	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40381	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54362	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.59	69	52005	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.13	63	107324	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	3.95	46	66795	52.83	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.66%
24) Chloroform-d	4.40	84	49398	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.09	65	30389	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.60%
32) Benzene-d6	5.10	84	125777	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.12	67	36837	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	109751	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.67	79	12446	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.14	63	58814	51.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27229	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	39061	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

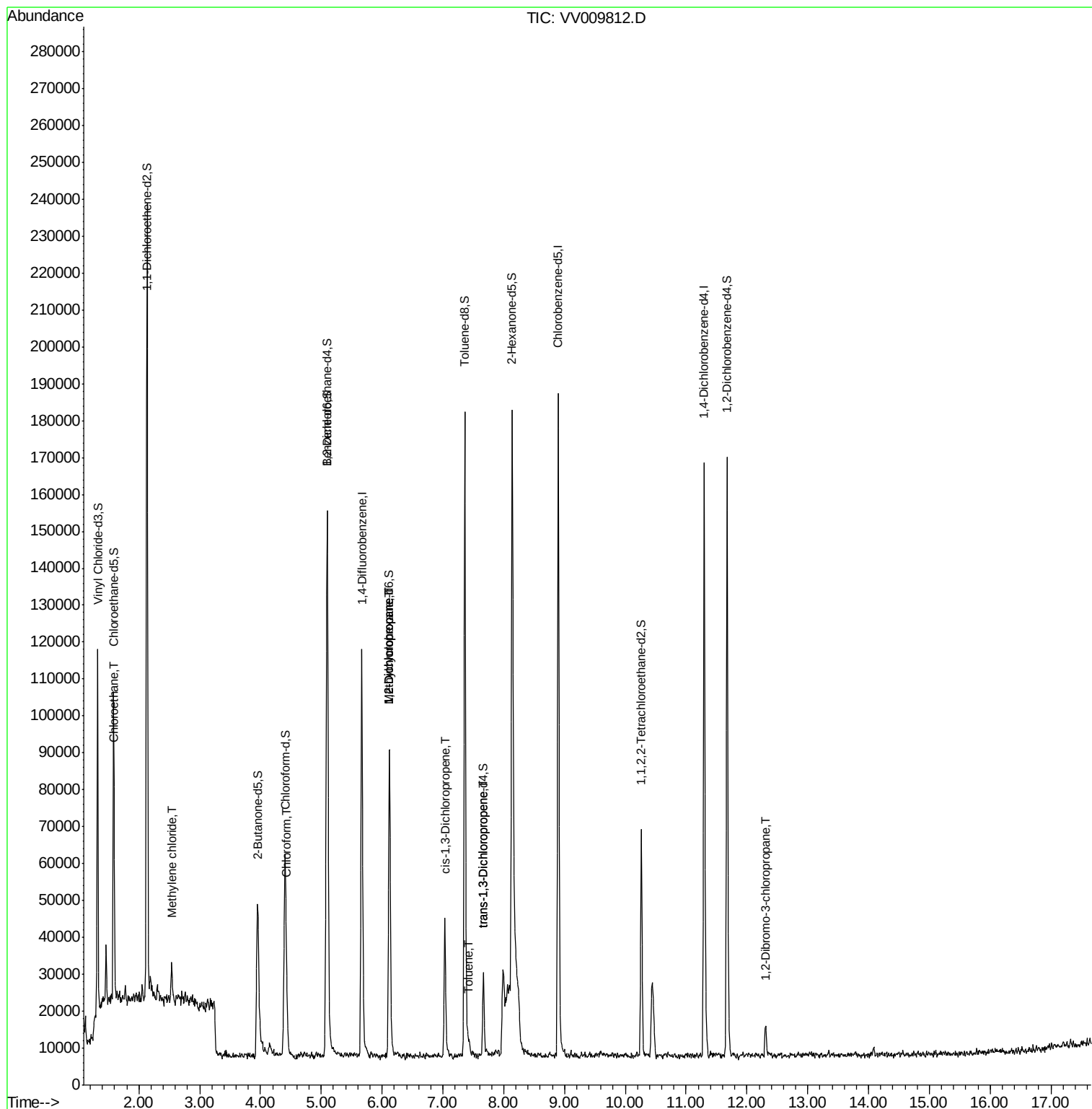
					Qvalue	
8) Chloroethane	1.60	64	846	0.093	ug/L #	65
16) Methylene chloride	2.54	84	4291	0.315	ug/L #	77
25) Chloroform	4.43	83	8821	0.805	ug/L	80
35) Methylcyclohexane	6.12	83	8670	0.773	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4832	0.746	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1244	0.142	ug/L	88
42) Toluene	7.43	91	2082	0.071	ug/L	83
44) trans-1,3-Dichloropropene	7.66	75	739	0.106	ug/L #	74
66) 1,2-Dibromo-3-chloropropan	12.31	75	406	0.628	ug/L #	1

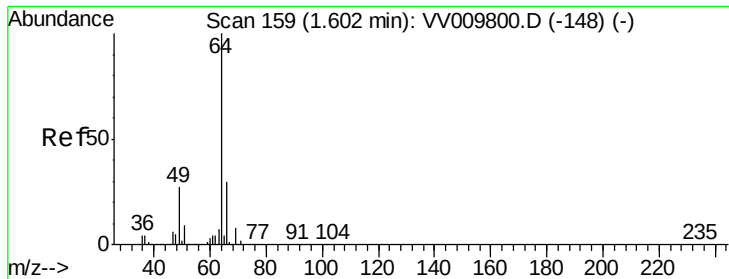
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.093 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

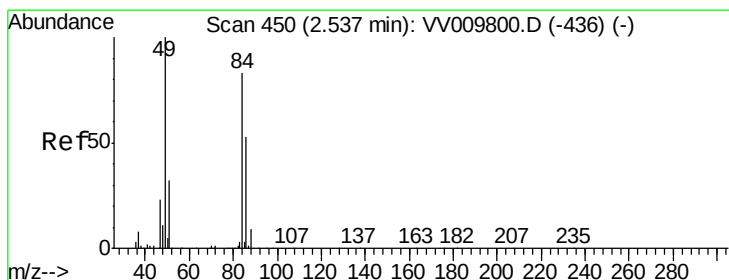
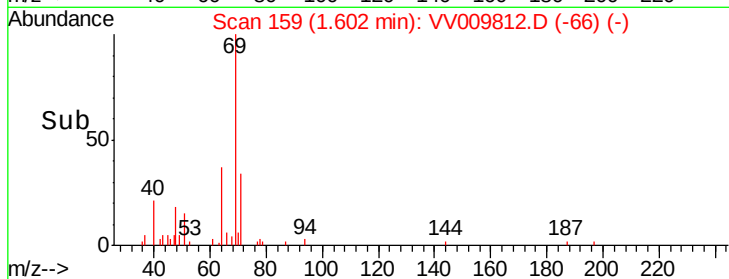
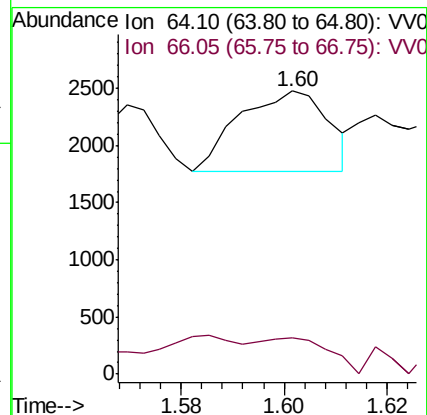
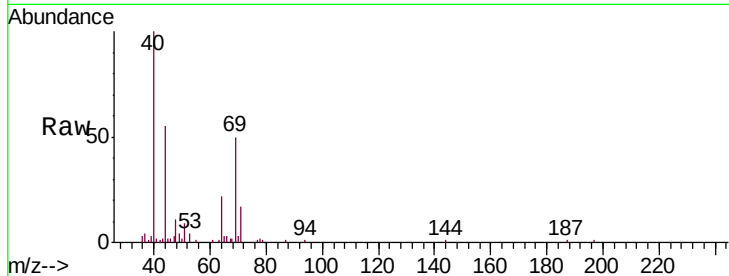
P018-TW001-01

Tgt Ion: 64 Resp: 846

Ion Ratio Lower Upper

64 100

66 12.7 22.4 41.6#



#16

Methylene chloride

Concen: 0.315 ug/L

RT: 2.54 min Scan# 452

Delta R.T. 0.01 min

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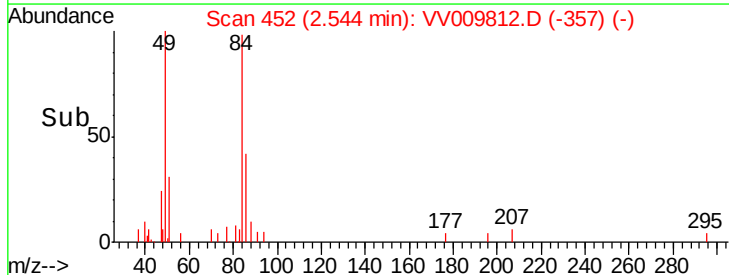
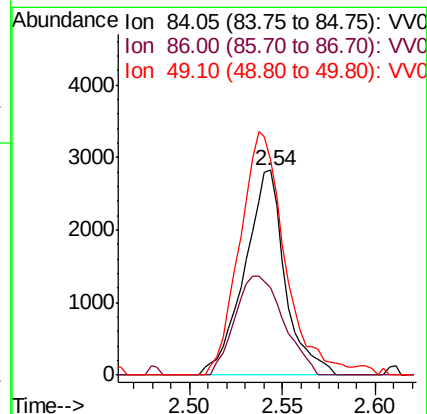
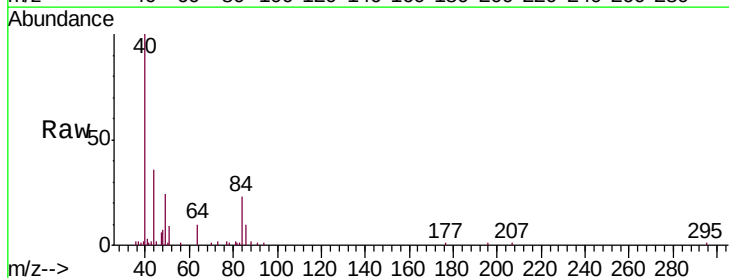
Tgt Ion: 84 Resp: 4291

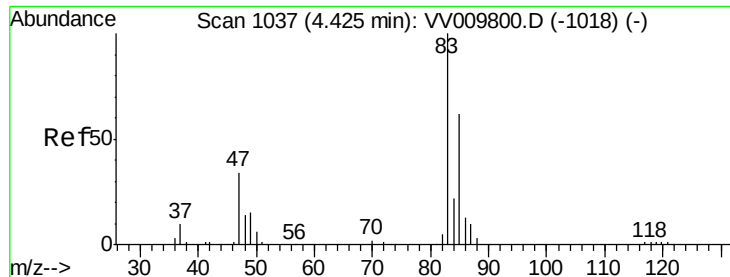
Ion Ratio Lower Upper

84 100

86 42.4 46.1 85.5#

49 105.5 89.7 166.5





#25

Chloroform

Concen: 0.805 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV009812.D

Acq: 21 Mar 2019 22:33

Instrument :

MSVOA_V

ClientSampleId :

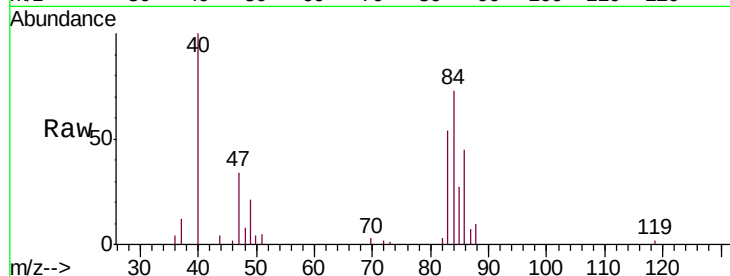
P018-TW001-01

Tgt Ion: 83 Resp: 8821

Ion Ratio Lower Upper

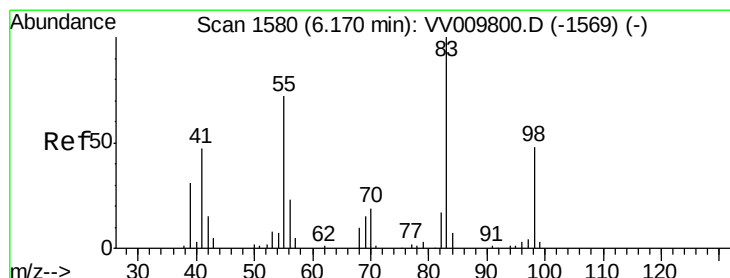
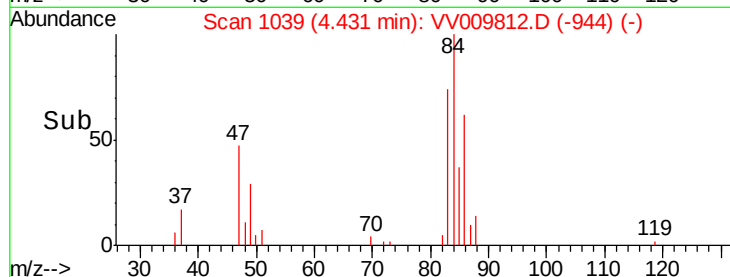
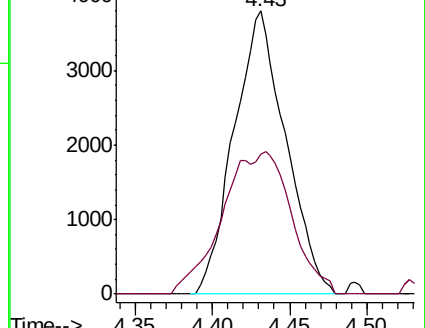
83 100

85 49.5 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV009812.D (-944) (-)

Ion 85.00 (84.70 to 85.70): VV009812.D (-944) (-)



#35

Methylcyclohexane

Concen: 0.773 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV009812.D

Acq: 21 Mar 2019 22:33

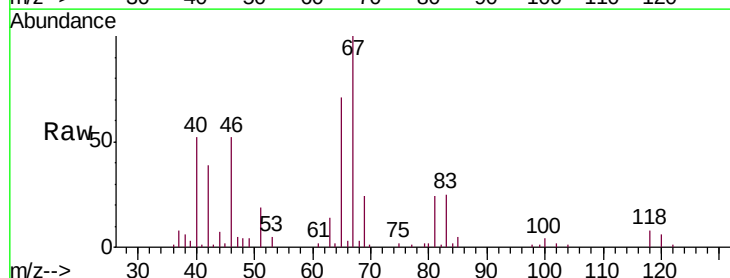
Tgt Ion: 83 Resp: 8670

Ion Ratio Lower Upper

83 100

55 0.2 57.4 86.2#

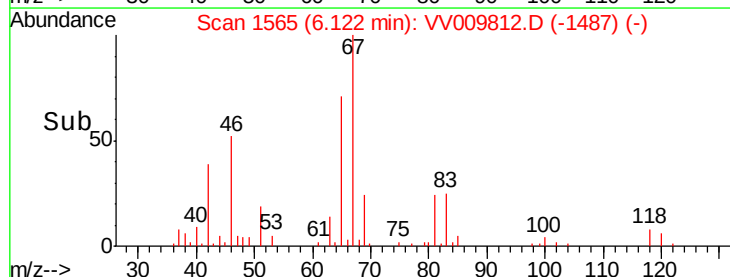
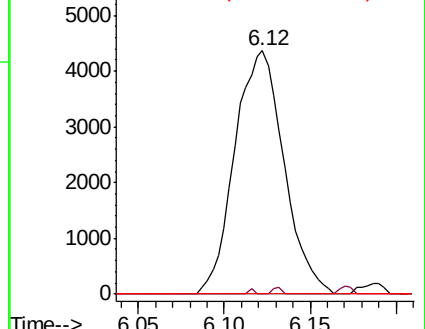
98 0.0 38.9 58.3#

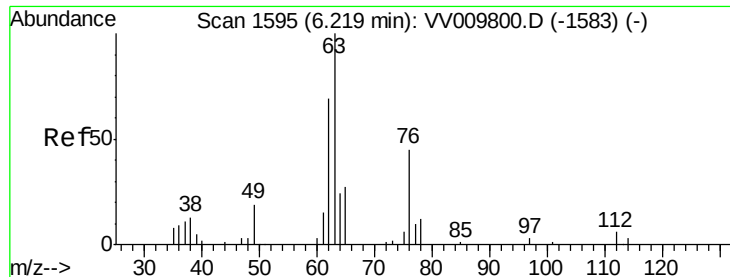


Abundance Ion 83.15 (82.85 to 83.85): VV009812.D (-1487) (-)

Ion 55.10 (54.80 to 55.80): VV009812.D (-1487) (-)

Ion 98.15 (97.85 to 98.85): VV009812.D (-1487) (-)

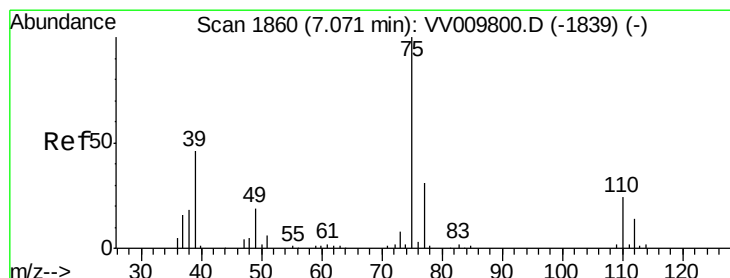
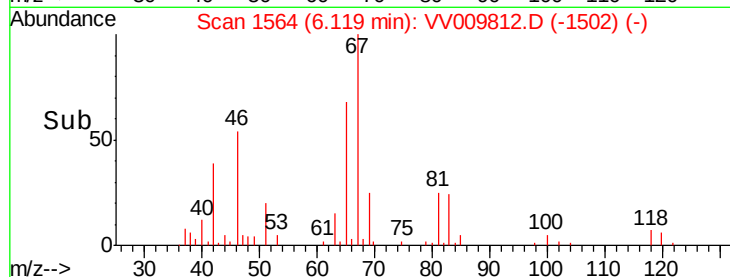
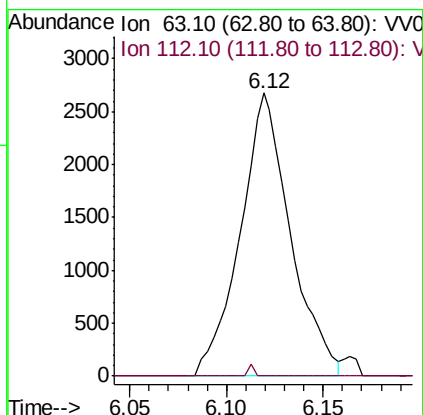
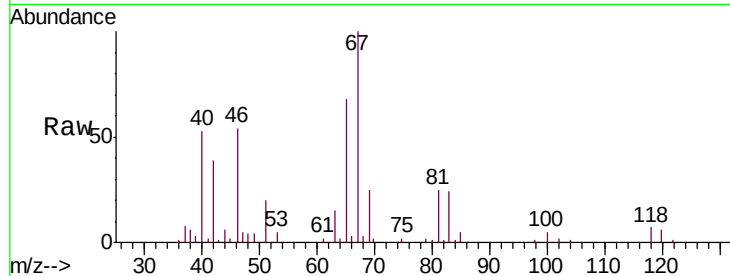




#37
 1,2-Dichloropropane
 Concen: 0.746 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009812.D
 Acq: 21 Mar 2019 22:33

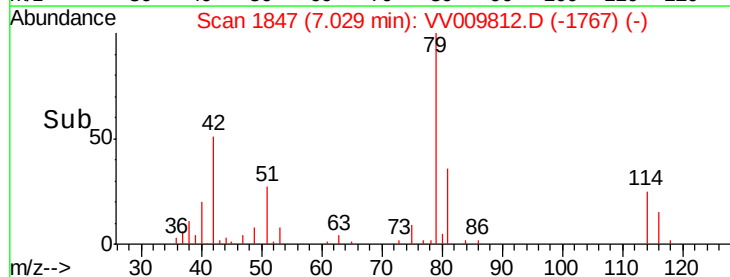
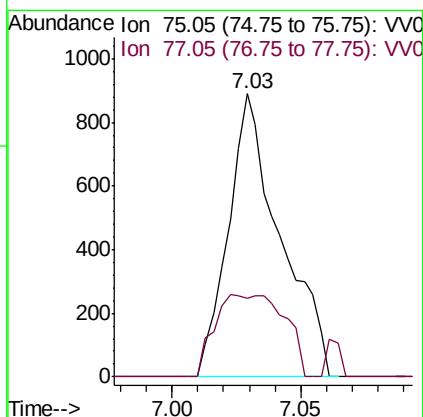
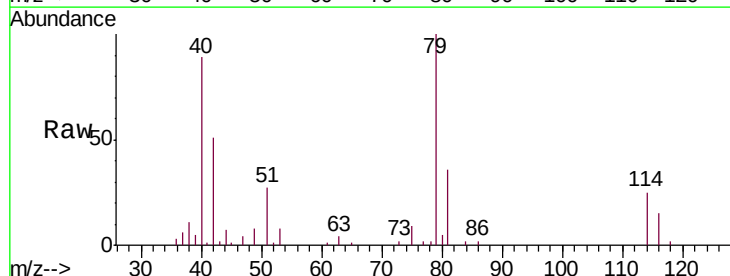
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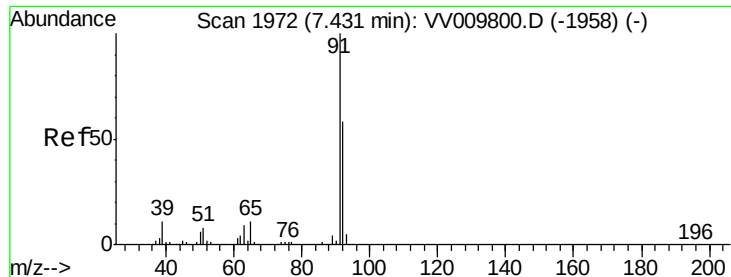
Tgt Ion: 63 Resp: 4832
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.142 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009812.D
 Acq: 21 Mar 2019 22:33

Tgt Ion: 75 Resp: 1244
 Ion Ratio Lower Upper
 75 100
 77 27.6 24.1 44.8





#42

Toluene

Concen: 0.071 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV009812.D

Acq: 21 Mar 2019 22:33

Instrument :

MSVOA_V

ClientSampleId :

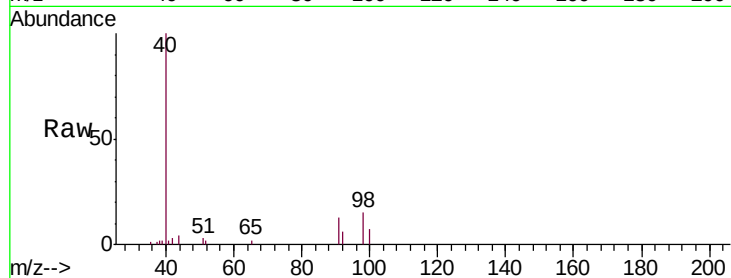
P018-TW001-01

Tgt Ion: 91 Resp: 2082

Ion Ratio Lower Upper

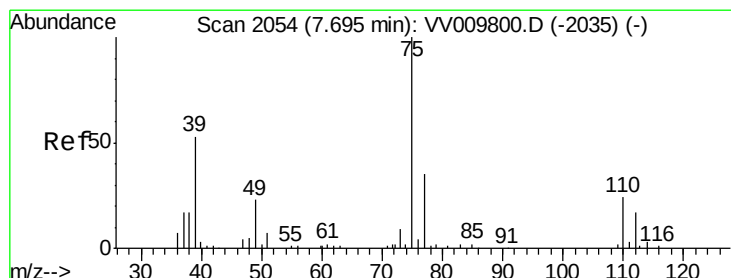
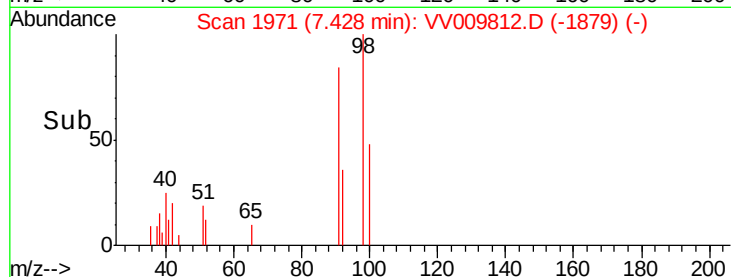
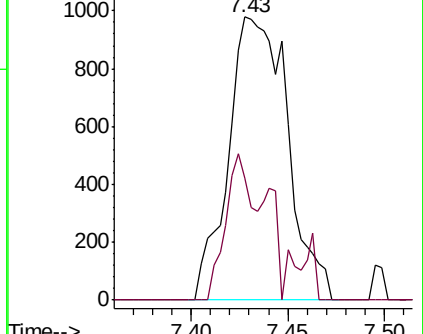
91 100

92 43.4 39.1 72.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009812.D

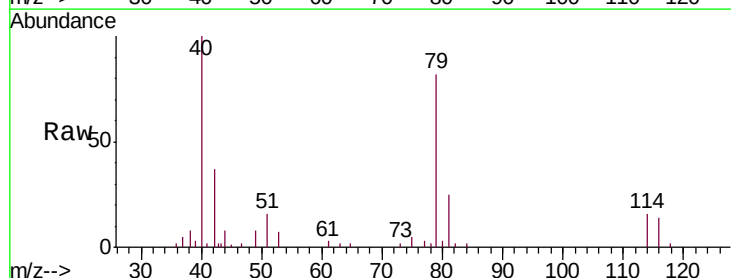
Acq: 21 Mar 2019 22:33

Tgt Ion: 75 Resp: 739

Ion Ratio Lower Upper

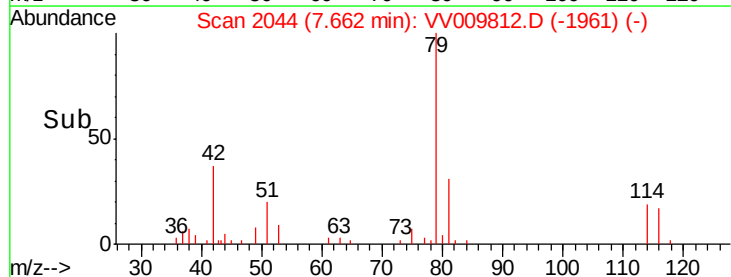
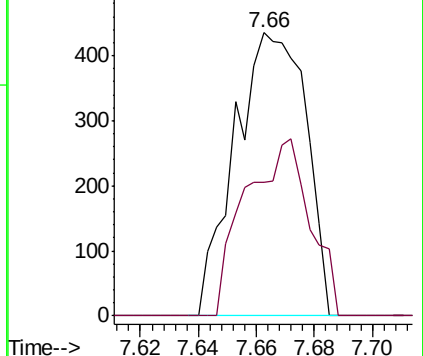
75 100

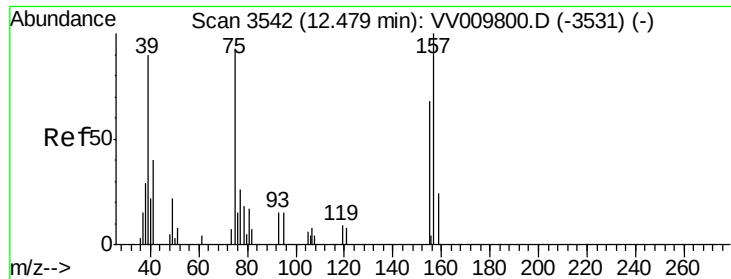
77 47.1 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#66

1,2-Dibromo-3-chloropropane

Concen: 0.628 ug/L

RT: 12.31 min Scan# 3490

Delta R.T. -0.17 min

Lab File: VV009812.D

Acq: 21 Mar 2019 22:33

Instrument :

MSVOA_V

ClientSampleId :

P018-TW001-01

Tgt Ion: 75 Resp: 406

Ion Ratio Lower Upper

75 100

155 0.0 73.5 110.3#

157 0.0 88.3 132.5#

