

Data File : VV009814.D
Acq On : 21 Mar 2019 23:25
Operator : SY/MD
Sample : K2049-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P024-TW001-01

Quant Time: Mar 22 08:19:35 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	88887	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91434	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39294	5.00	ug/L	0.00

System Monitoring Compounds

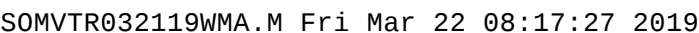
4) Vinyl Chloride-d3	1.32	65	52789	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.59	69	51464	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.13	63	104598	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	3.96	46	67350	54.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.34%
24) Chloroform-d	4.40	84	49401	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.08	65	28791	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.10	84	120909	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.12	67	36850	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.36	98	106763	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.67	79	10807	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.14	63	56118	49.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27205	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	38920	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

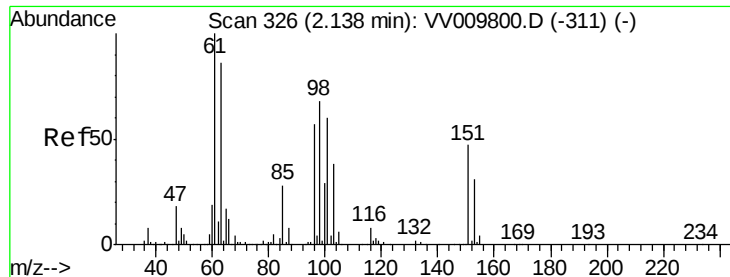
Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1134	0.085	ug/L #	21
16) Methylene chloride	2.54	84	3099	0.231	ug/L	96
25) Chloroform	4.43	83	8586	0.797	ug/L	96
35) Methylcyclohexane	6.12	83	9240	0.831	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4670	0.728	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	995	0.115	ug/L #	74

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

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#10

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

Concen: 0.085 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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MSVOA_V

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P024-TW001-01

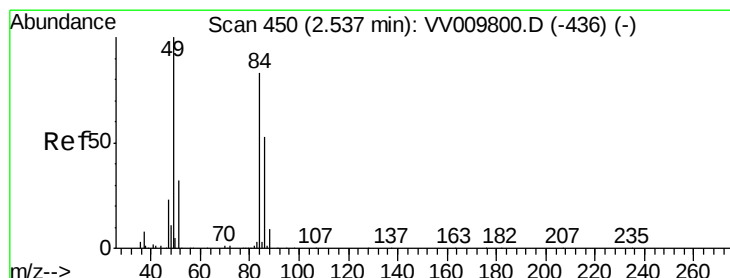
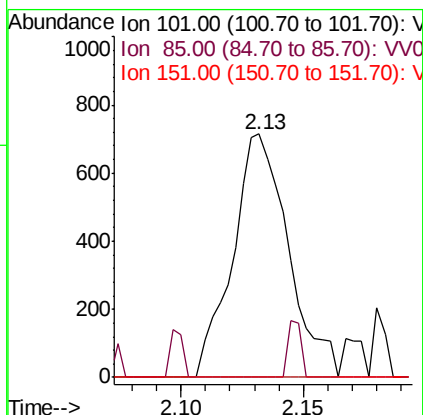
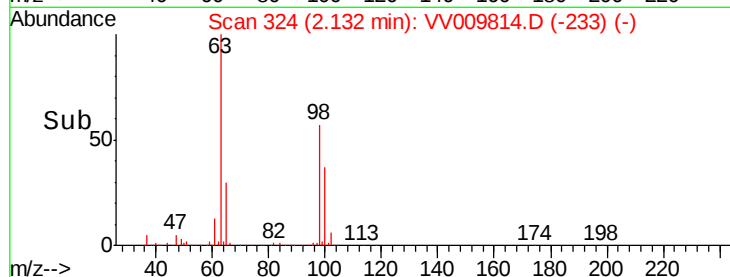
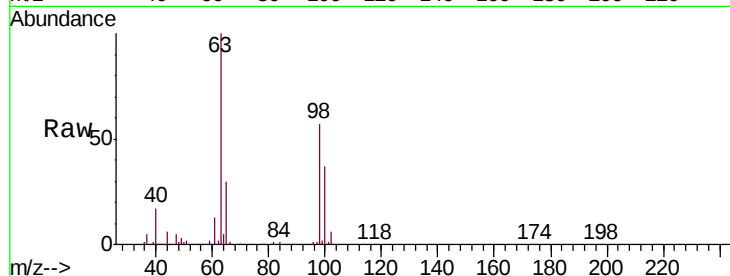
Tgt Ion: 101 Resp: 1134

Ion Ratio Lower Upper

101 100

85 5.6 39.2 58.8#

151 0.0 61.1 91.7#



#16

Methylene chloride

Concen: 0.231 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV009814.D

Acq: 21 Mar 2019 23:25

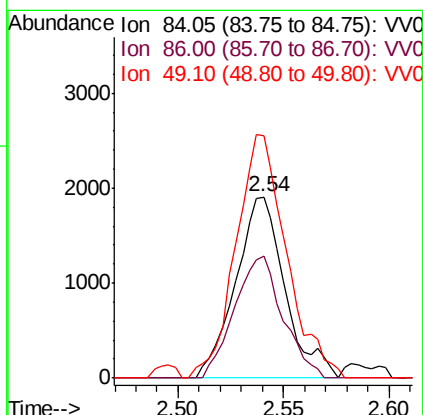
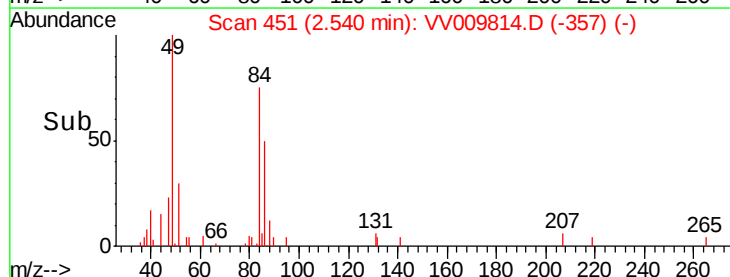
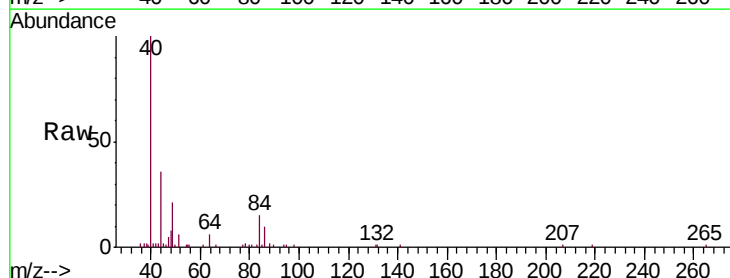
Tgt Ion: 84 Resp: 3099

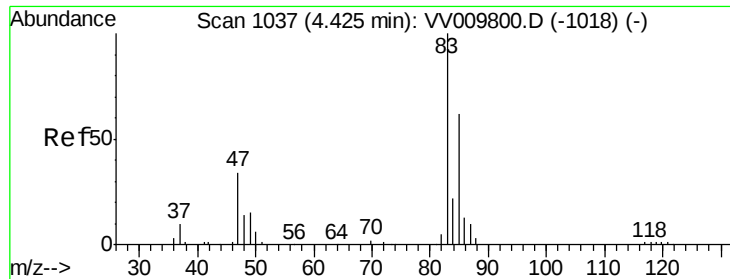
Ion Ratio Lower Upper

84 100

86 67.1 46.1 85.5

49 133.7 89.7 166.5

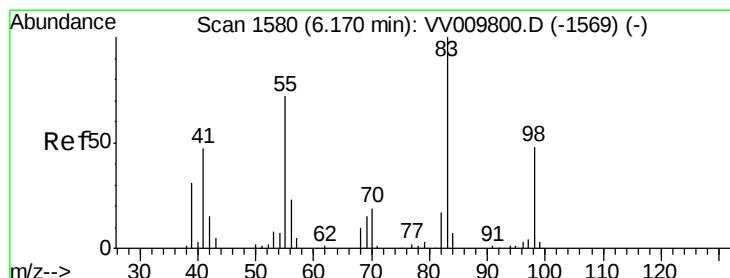
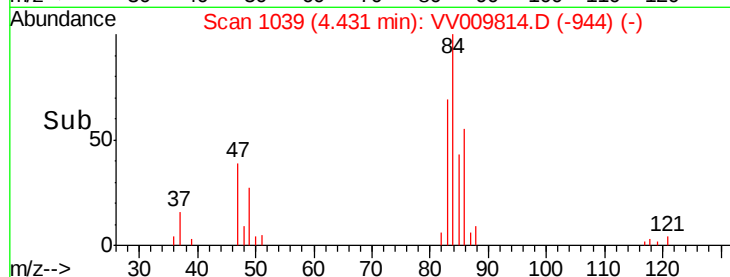
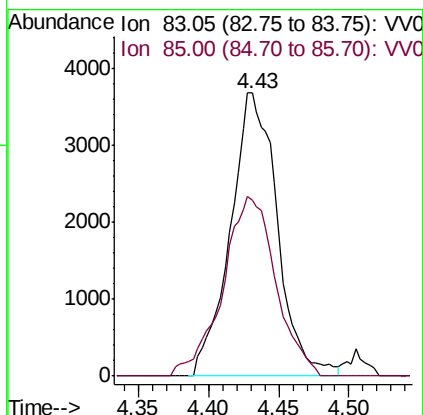
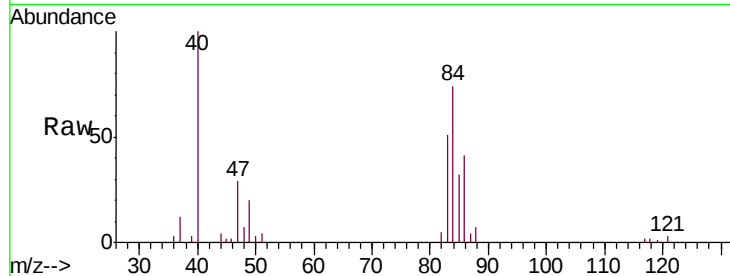




#25
Chloroform
Concen: 0.797 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
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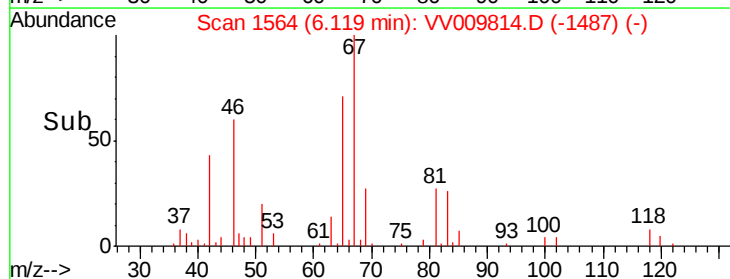
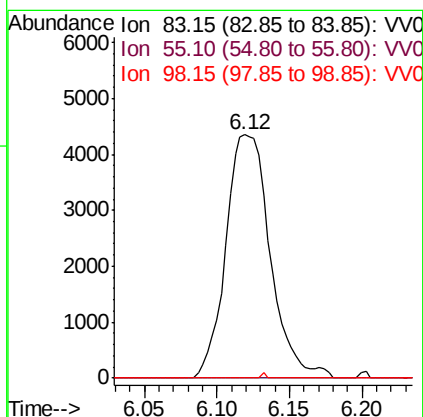
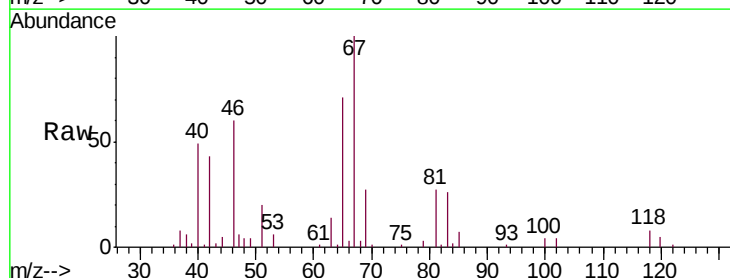
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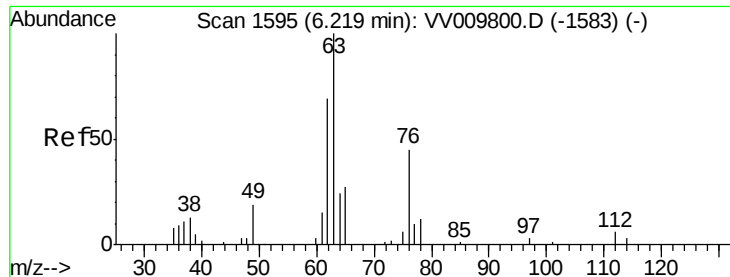
Tgt Ion: 83 Resp: 8586
Ion Ratio Lower Upper
83 100
85 62.1 45.7 84.9



#35
Methylcyclohexane
Concen: 0.831 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009814.D
Acq: 21 Mar 2019 23:25

Tgt Ion: 83 Resp: 9240
Ion Ratio Lower Upper
83 100
55 0.6 57.4 86.2#
98 0.2 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 0.728 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV009814.D

Acq: 21 Mar 2019 23:25

Instrument :

MSVOA_V

ClientSampleId :

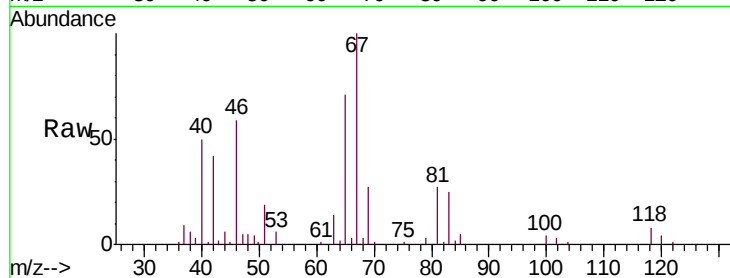
P024-TW001-01

Tgt Ion: 63 Resp: 4670

Ion Ratio Lower Upper

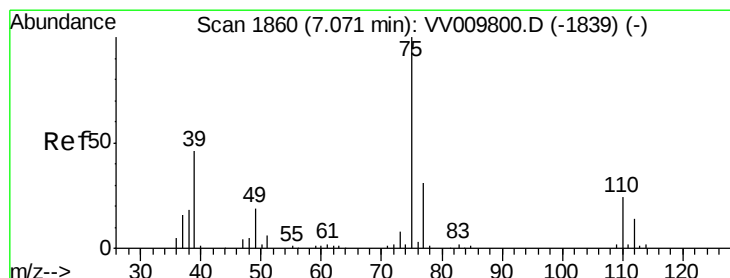
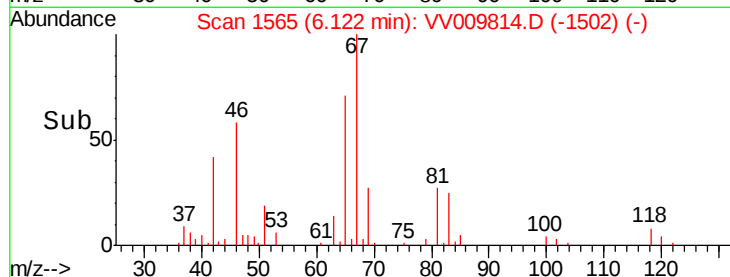
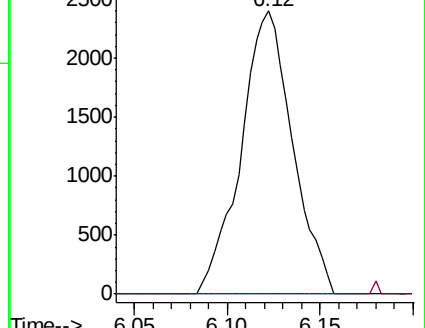
63 100

112 0.5 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VV009814.D (-1565) (-)

Ion 112.10 (111.80 to 112.80): VV009814.D (-1565) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV009814.D

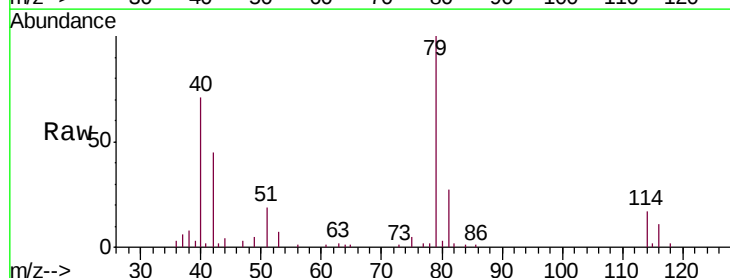
Acq: 21 Mar 2019 23:25

Tgt Ion: 75 Resp: 995

Ion Ratio Lower Upper

75 100

77 49.3 24.1 44.8#



Abundance Ion 75.05 (74.75 to 75.75): VV009814.D (-1847) (-)

Ion 77.05 (76.75 to 77.75): VV009814.D (-1847) (-)

