

Data File : VV009797.D
Acq On : 21 Mar 2019 15:35
Operator : SY/MD
Sample : K1955-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWK14

Quant Time: Mar 22 07:56:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Mar 21 15:15:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	116436	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	111928	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50841	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56485	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.59	69	51991	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.13	63	105795	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	3.95	46	68090	41.81	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.62%
24) Chloroform-d	4.40	84	60747	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.09	65	29608	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.10	84	133937	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.12	67	40882	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	122545	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.67	79	12277	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.14	63	58224	42.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27174	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	40468	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

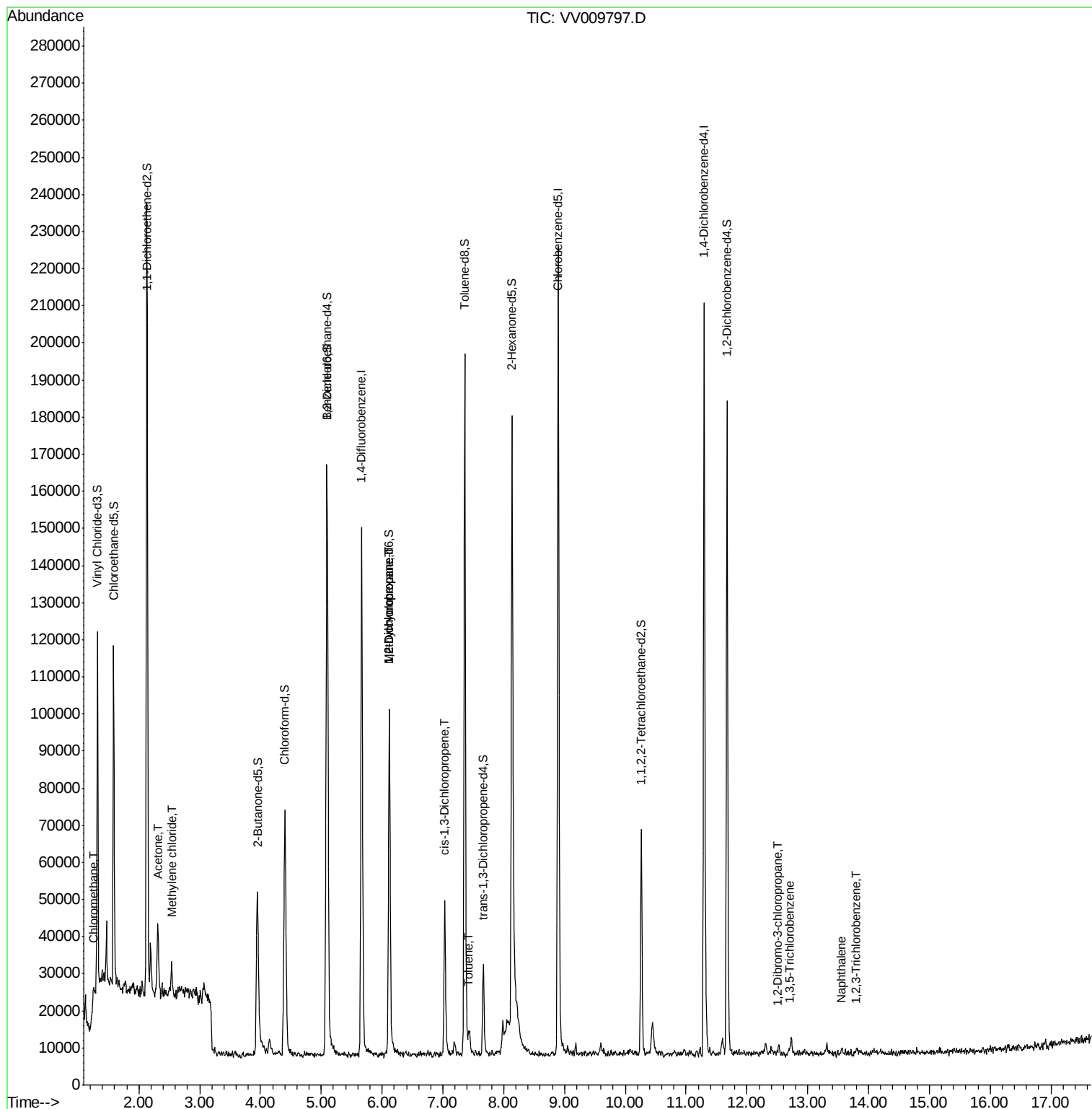
					Qvalue
3) Chloromethane	1.25	50	1473	0.096 ug/L	92
13) Acetone	2.31	43	4706	2.231 ug/L	92
16) Methylene chloride	2.54	84	3151	0.179 ug/L	91
35) Methylcyclohexane	6.12	83	9189	0.675 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4466	0.568 ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	1511	0.142 ug/L #	77
42) Toluene	7.43	91	3209	0.090 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.50	75	77	0.095 ug/L #	1
67) 1,3,5-Trichlorobenzene	12.70	180	586	0.048 ug/L #	72
69) Naphthalene	13.55	128	1011	0.070 ug/L #	84
70) 1,2,3-Trichlorobenzene	13.80	180	480	0.056 ug/L #	80

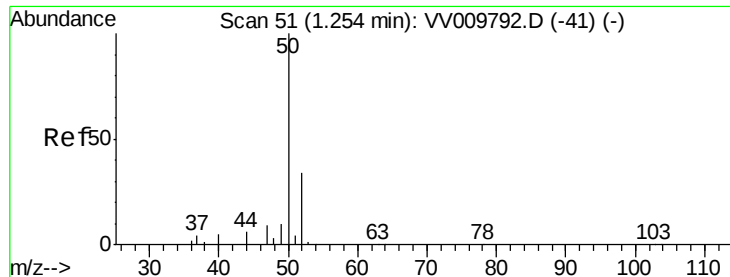
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.096 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV009797.D

Acq: 21 Mar 2019 15:35

Instrument :

MSVOA_V

ClientSampled :

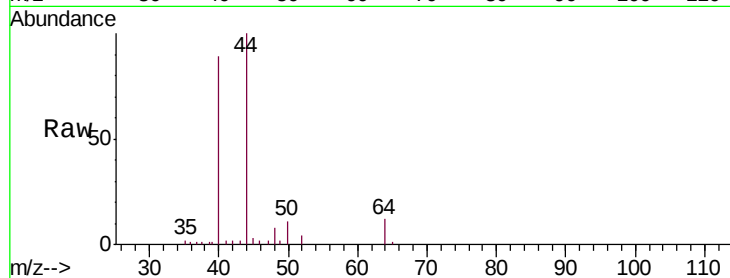
CWK14

Tgt Ion: 50 Resp: 1473

Ion Ratio Lower Upper

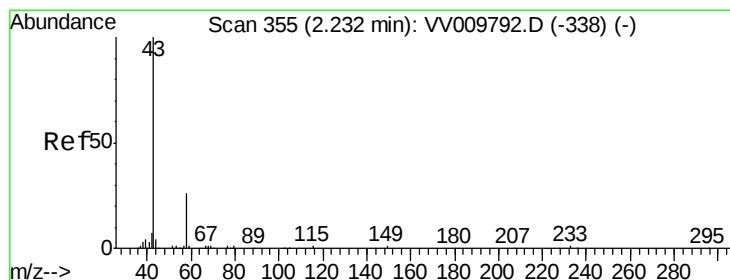
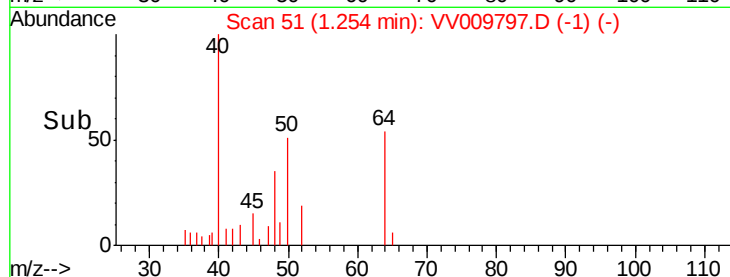
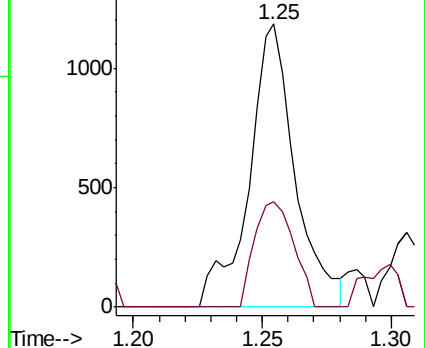
50 100

52 37.2 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV009797.D (-41) (-)

Ion 52.05 (51.75 to 52.75): VV009797.D (-41) (-)



#13

Acetone

Concen: 2.231 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.08 min

Lab File: VV009797.D

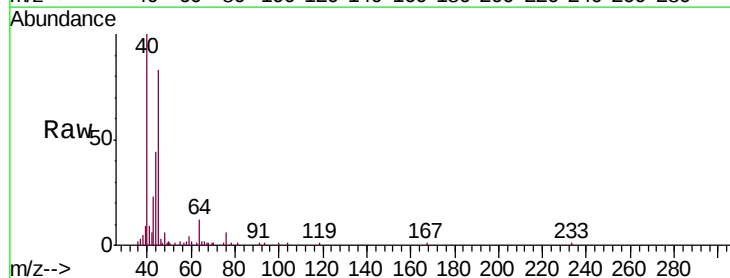
Acq: 21 Mar 2019 15:35

Tgt Ion: 43 Resp: 4706

Ion Ratio Lower Upper

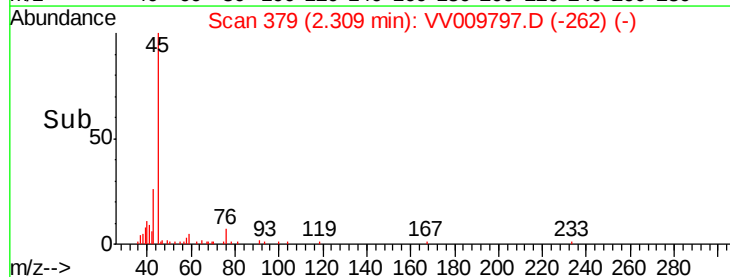
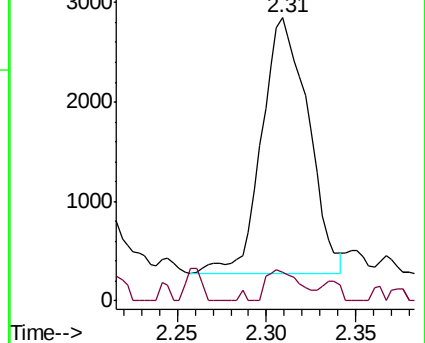
43 100

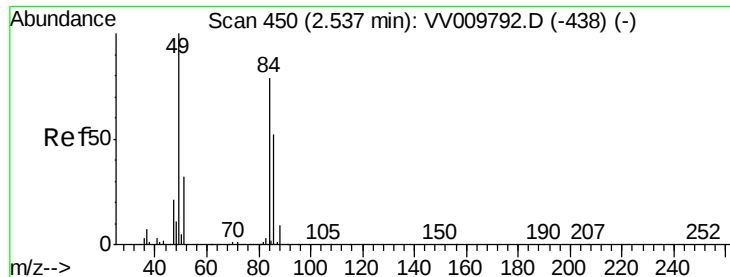
58 8.4 0.0 23.0



Abundance Ion 43.05 (42.75 to 43.75): VV009797.D (-338) (-)

Ion 58.05 (57.75 to 58.75): VV009797.D (-338) (-)

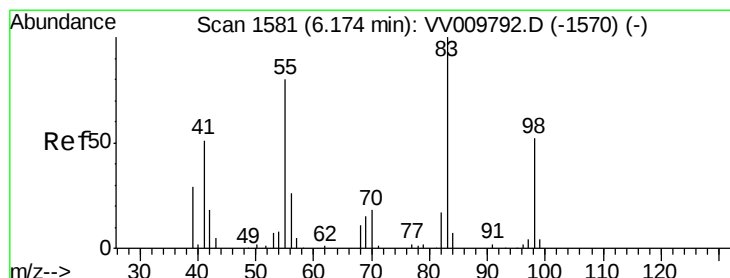
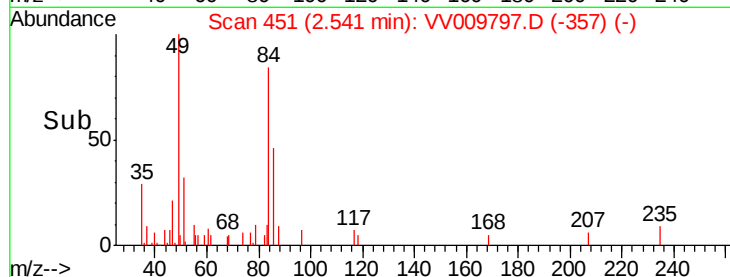
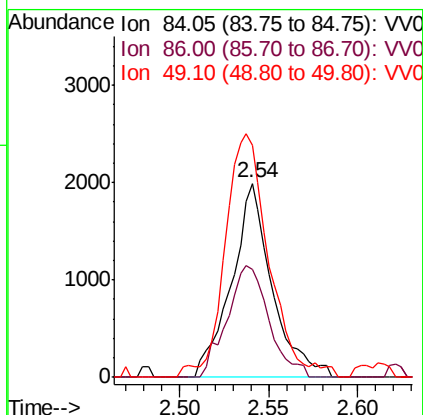
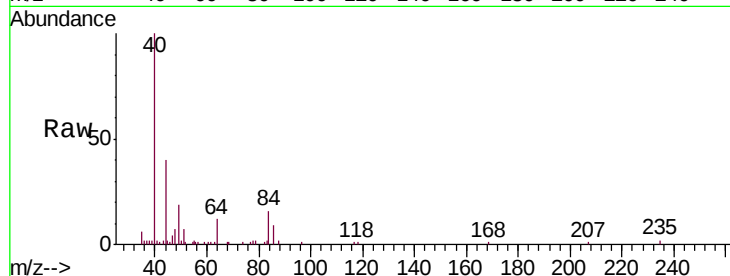




#16
Methylene chloride
Concen: 0.179 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV009797.D
Acq: 21 Mar 2019 15:35

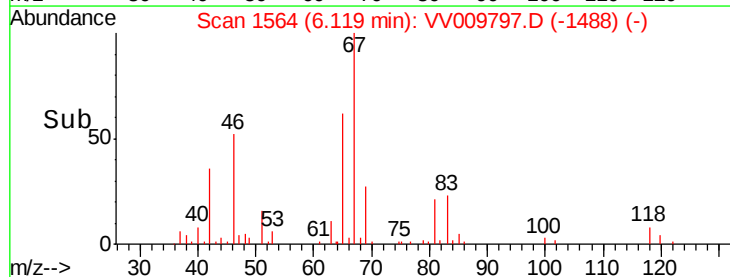
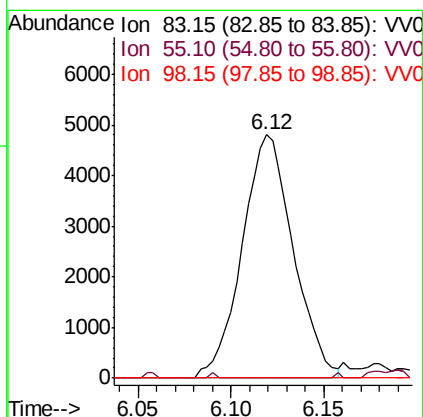
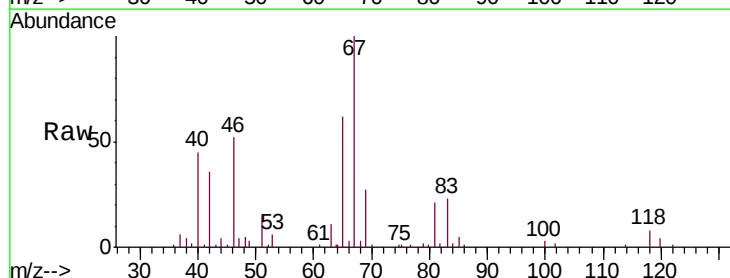
Instrument :
MSVOA_V
ClientSampleId :
CWK14

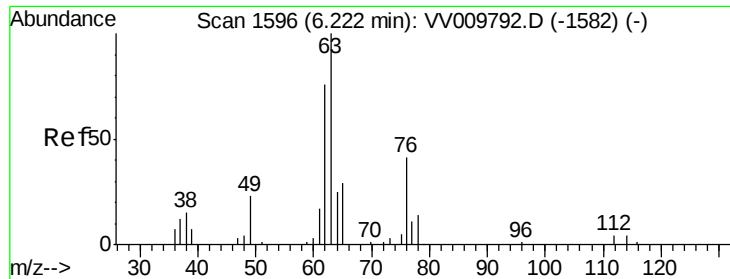
Tgt Ion: 84 Resp: 3151
Ion Ratio Lower Upper
84 100
86 55.5 46.1 85.5
49 119.7 89.7 166.5



#35
Methylcyclohexane
Concen: 0.675 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009797.D
Acq: 21 Mar 2019 15:35

Tgt Ion: 83 Resp: 9189
Ion Ratio Lower Upper
83 100
55 0.2 57.4 86.2#
98 0.0 38.9 58.3#

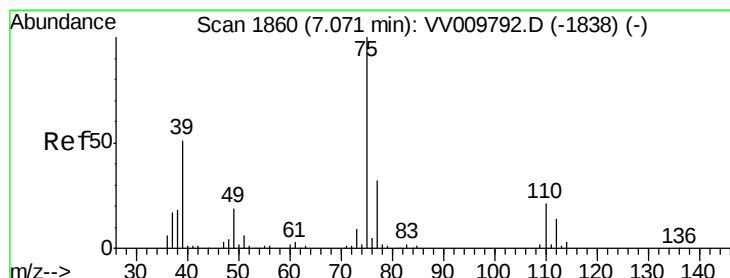
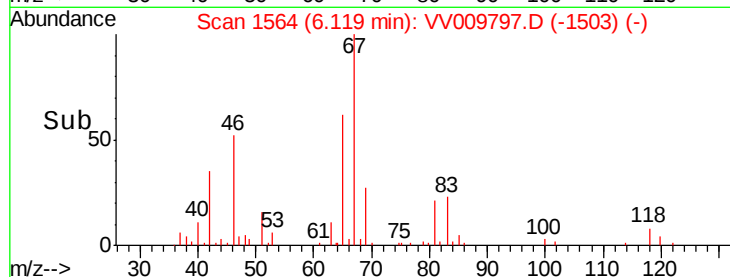
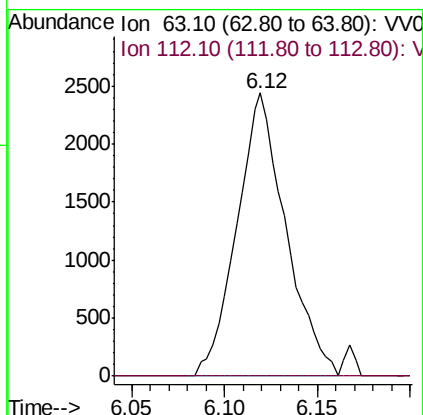
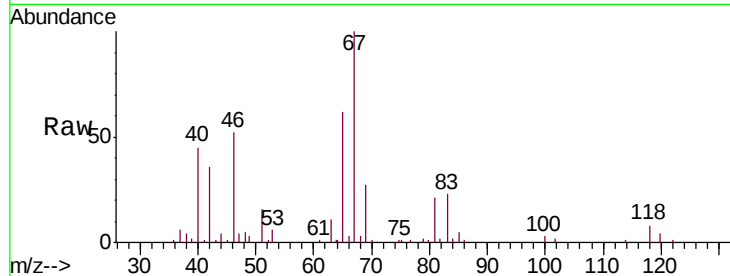




#37
 1,2-Dichloropropane
 Concen: 0.568 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009797.D
 Acq: 21 Mar 2019 15:35

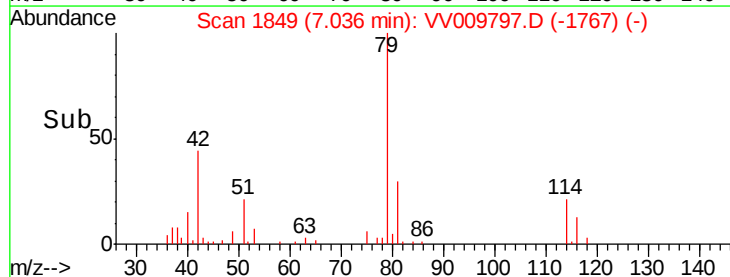
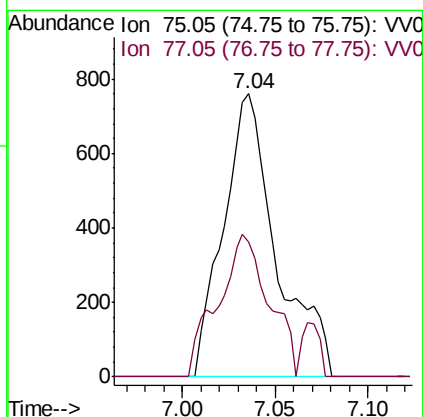
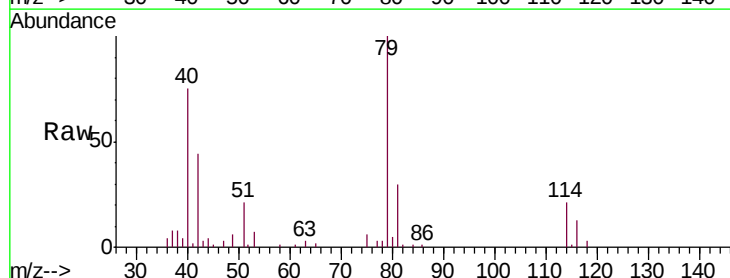
Instrument :
 MSVOA_V
 ClientSampled :
 CWK14

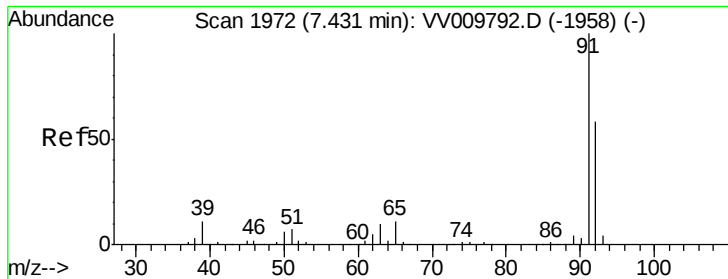
Tgt Ion: 63 Resp: 4466
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.142 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV009797.D
 Acq: 21 Mar 2019 15:35

Tgt Ion: 75 Resp: 1511
 Ion Ratio Lower Upper
 75 100
 77 47.5 24.1 44.8#





#42

Toluene

Concen: 0.090 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009797.D

Acq: 21 Mar 2019 15:35

Instrument :

MSVOA_V

ClientSampleId :

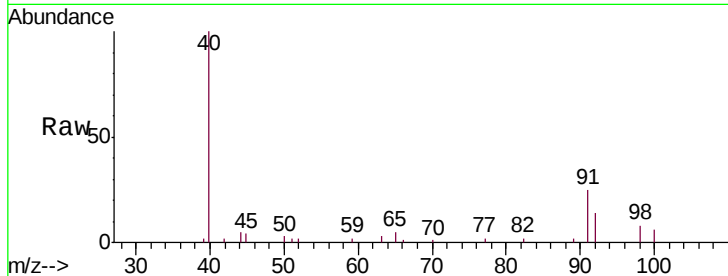
CWK14

Tgt Ion: 91 Resp: 3209

Ion Ratio Lower Upper

91 100

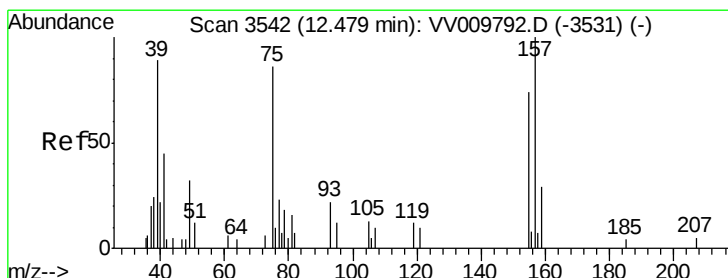
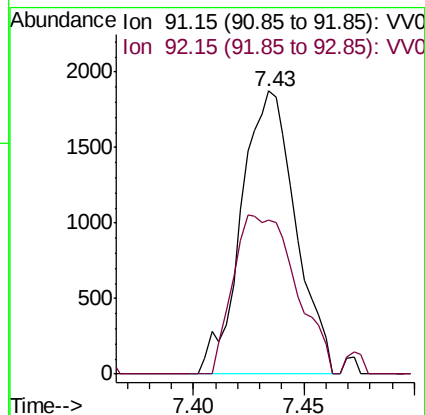
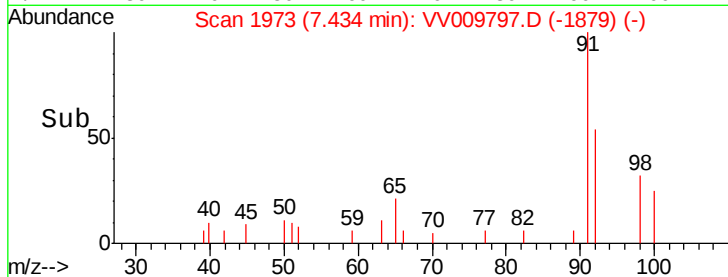
92 54.3 39.1 72.5



Abundance Ion 91.15 (90.85 to 91.85): VV009792.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV009792.D (-1958) (-)

Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 0.095 ug/L

RT: 12.50 min Scan# 3549

Delta R.T. 0.02 min

Lab File: VV009797.D

Acq: 21 Mar 2019 15:35

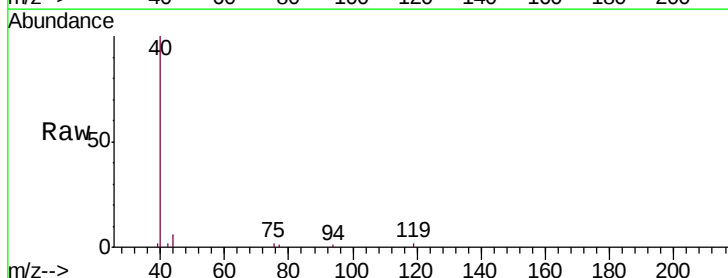
Tgt Ion: 75 Resp: 77

Ion Ratio Lower Upper

75 100

155 0.0 73.5 110.3#

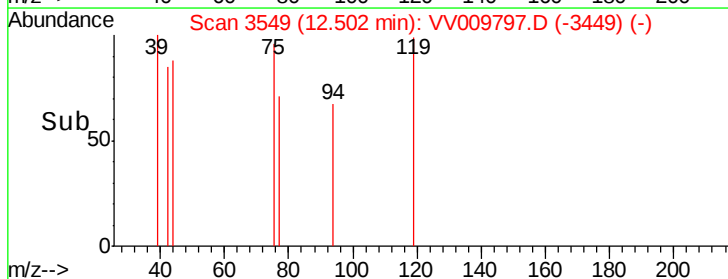
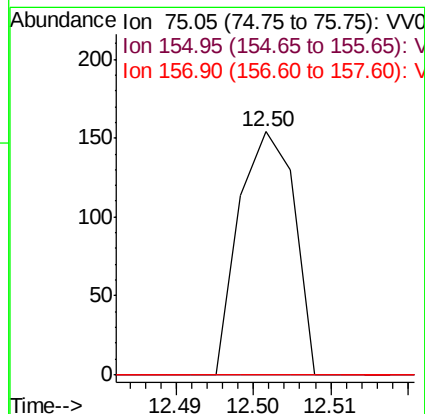
157 0.0 88.3 132.5#

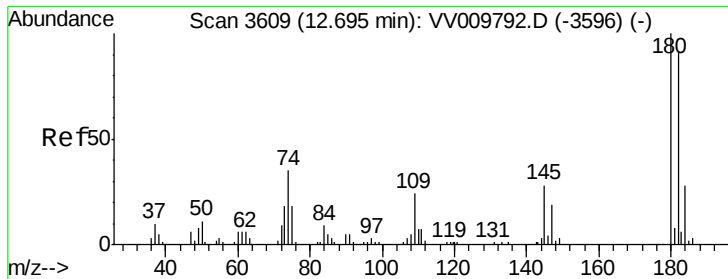


Abundance Ion 75.05 (74.75 to 75.75): VV009792.D (-3531) (-)

Ion 154.95 (154.65 to 155.65): VV009792.D (-3531) (-)

Ion 156.90 (156.60 to 157.60): VV009792.D (-3531) (-)

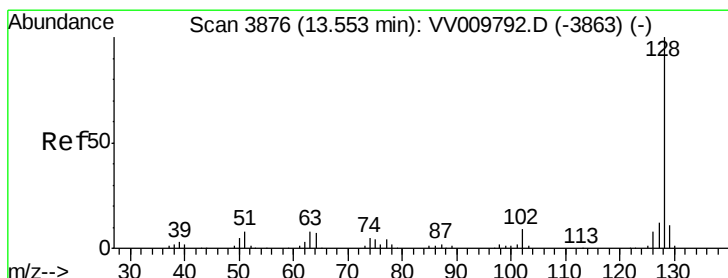
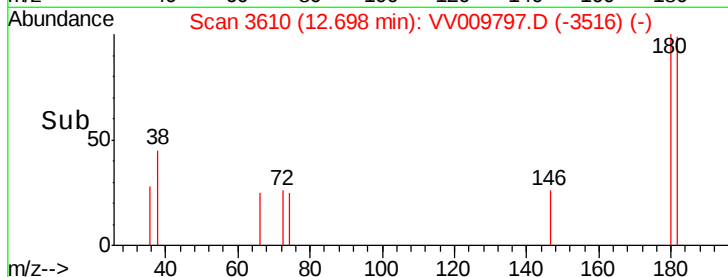
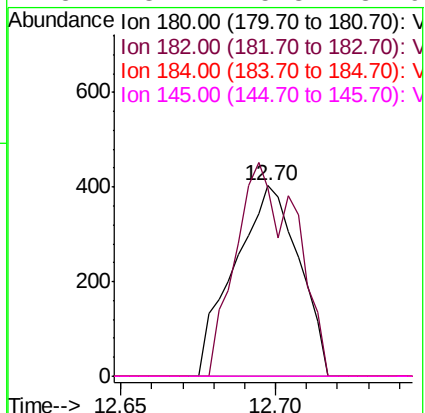
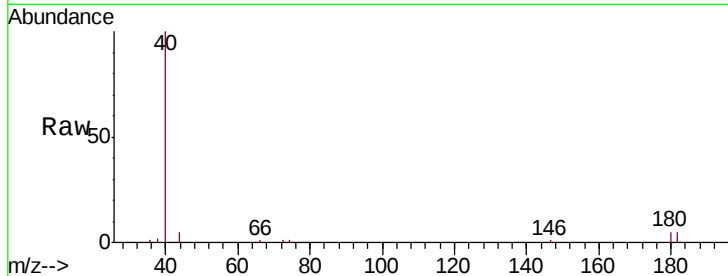




#67
 1,3,5-Trichlorobenzene
 Concen: 0.048 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.00 min
 Lab File: VV009797.D
 Acq: 21 Mar 2019 15:35

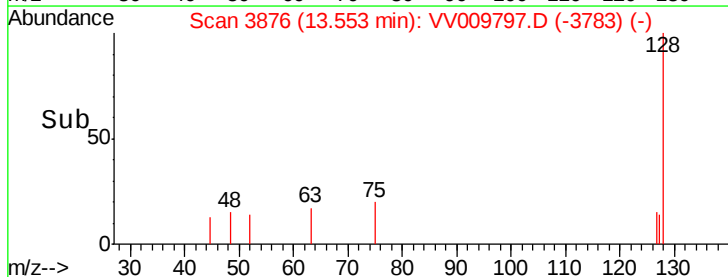
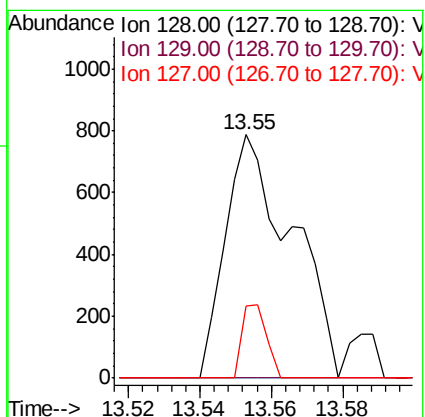
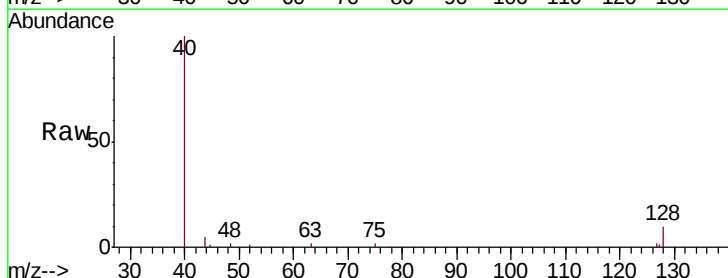
Instrument :
 MSVOA_V
 ClientSampleId :
 CWK14

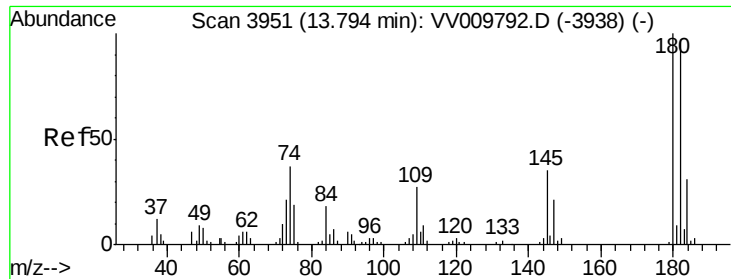
Tgt Ion:180 Resp: 586
 Ion Ratio Lower Upper
 180 100
 182 105.1 75.0 112.6
 184 0.0 23.9 35.9#
 145 3.2 25.3 37.9#



#69
 Naphthalene
 Concen: 0.070 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. -0.00 min
 Lab File: VV009797.D
 Acq: 21 Mar 2019 15:35

Tgt Ion:128 Resp: 1011
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.9 13.3#
 127 11.1 10.4 15.6





#70

1,2,3-Trichlorobenzene

Concen: 0.056 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. 0.00 min

Lab File: VV009797.D

Acq: 21 Mar 2019 15:35

Instrument :

MSVOA_V

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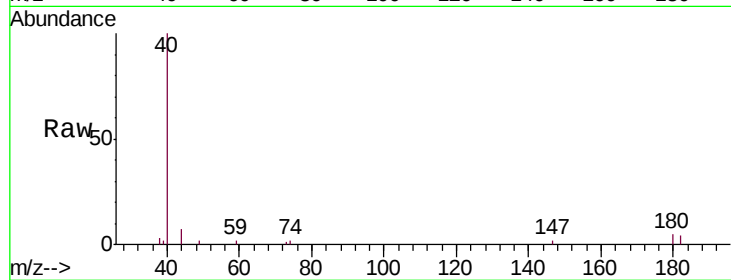
Tgt Ion:180 Resp: 480

Ion Ratio Lower Upper

180 100

182 101.3 76.8 115.2

145 0.0 28.2 42.2#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

Time-->

