

Data File : VV012051.D
Acq On : 26 Jul 2019 14:18
Operator : SY/MD
Sample : K4025-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JZ0

Quant Time: Jul 26 23:23:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 26 23:19:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	135898	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	130942	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62220	5.00	ug/L	0.00

System Monitoring Compounds

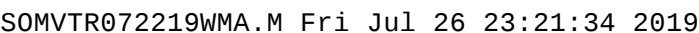
4) Vinyl Chloride-d3	1.32	65	25396	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.59	69	22914	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	41251	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	3.96	46	104842	50.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.56%
24) Chloroform-d	4.40	84	77816	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.08	65	44585	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.10	84	152371	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.12	67	47101	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.36	98	132726	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	7.67	79	16856	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.14	63	81221	47.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34816	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	56344	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

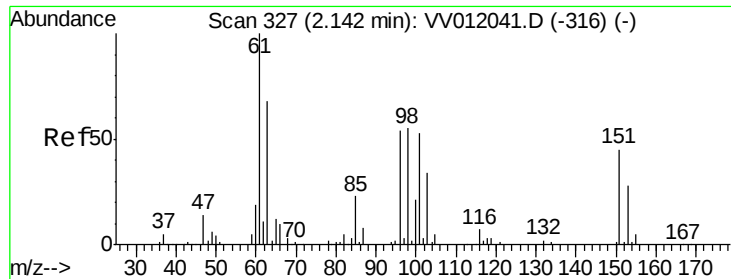
Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	2.14	96	1568	0.254	ug/L #	1
19) 1,1-Dichloroethane	3.23	63	2435	0.143	ug/L	97
21) 2-Butanone	4.06	43	14025	6.569	ug/L	84
22) cis-1,2-Dichloroethene	3.96	96	28410	2.745	ug/L	98
25) Chloroform	4.43	83	10484	0.510	ug/L	95
31) Carbon tetrachloride	4.87	117	3526	0.234	ug/L	93
34) Trichloroethene	5.96	95	98896	9.246	ug/L	98
35) Methylcyclohexane	6.12	83	11931	0.717	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6043	0.653	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1421	0.104	ug/L	85
44) trans-1,3-Dichloropropene	7.67	75	911	0.083	ug/L	86
47) Tetrachloroethene	8.02	164	5529	0.599	ug/L	93
48) 2-Hexanone	8.14	43	10954	3.018	ug/L #	70
49) Dibromochloromethane	8.02	129	4797	0.613	ug/L #	10

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

Quant Time: Jul 26 23:23:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
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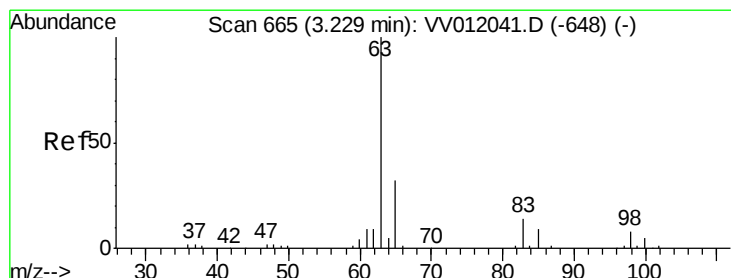
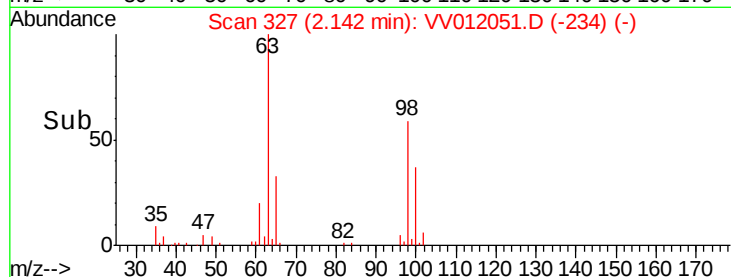
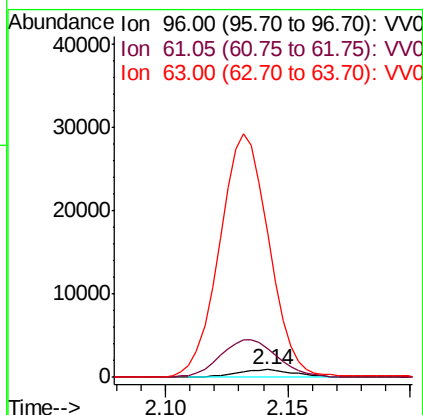
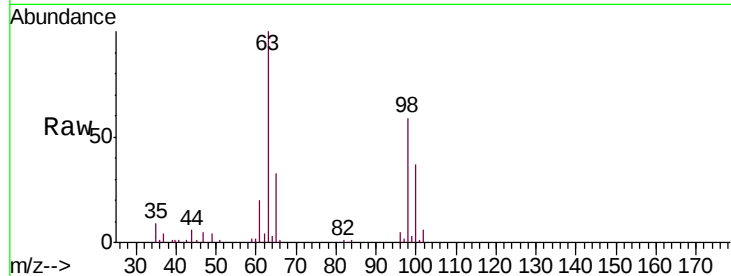




#12
 1,1-Dichloroethene
 Concen: 0.254 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VV012051.D
 Acq: 26 Jul 2019 14:18

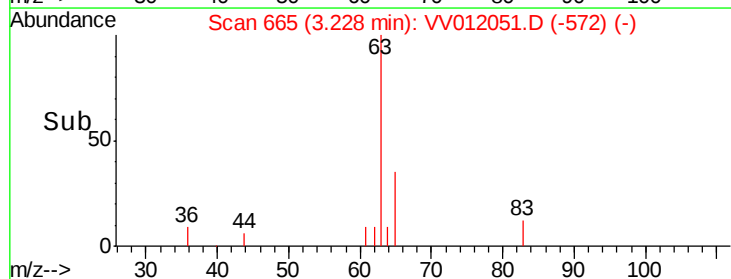
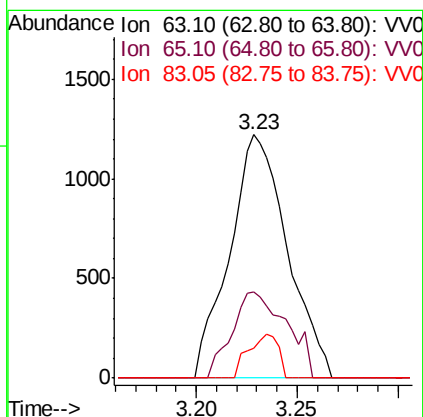
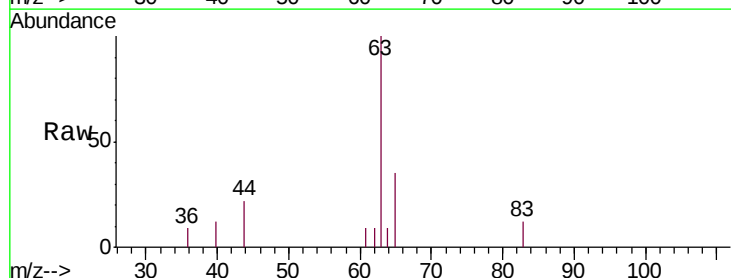
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JZ0

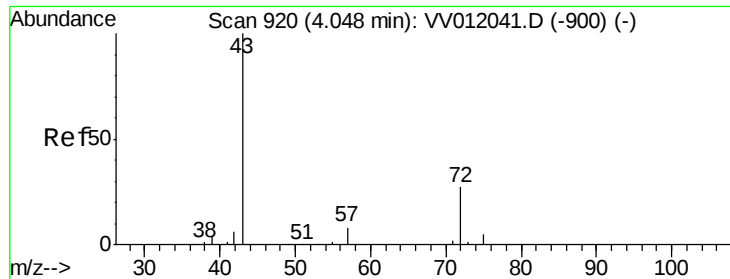
Tgt Ion: 96 Resp: 1568
 Ion Ratio Lower Upper
 96 100
 61 375.7 132.7 246.5#
 63 1883.8 104.0 193.1#



#19
 1,1-Dichloroethane
 Concen: 0.143 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VV012051.D
 Acq: 26 Jul 2019 14:18

Tgt Ion: 63 Resp: 2435
 Ion Ratio Lower Upper
 63 100
 65 35.3 23.5 43.7
 83 12.3 9.7 18.1





#21

2-Butanone

Concen: 6.569 ug/L

RT: 4.06 min Scan# 924

Delta R.T. 0.01 min

Lab File: VV012051.D

Acq: 26 Jul 2019 14:18

Instrument :

MSVOA_V

ClientSampleId :

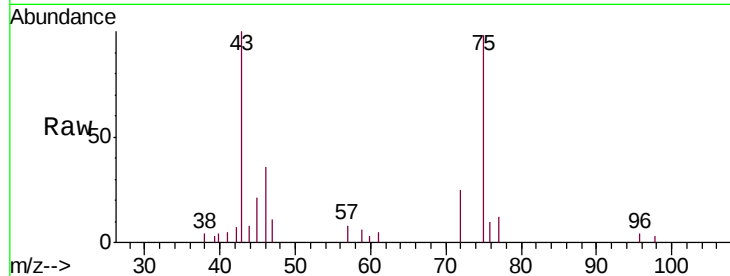
C0JZ0

Tgt Ion: 43 Resp: 14025

Ion Ratio Lower Upper

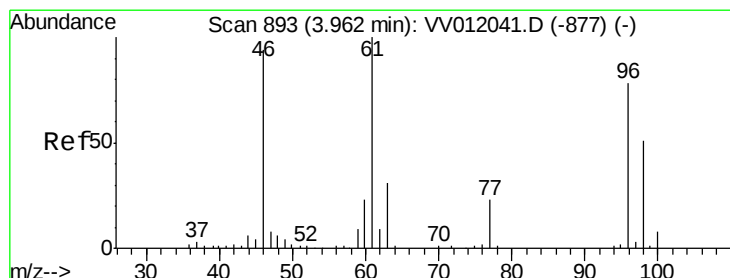
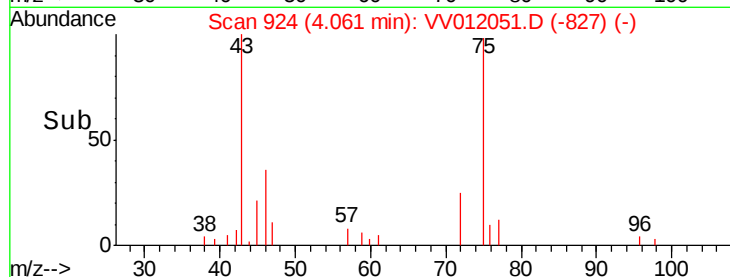
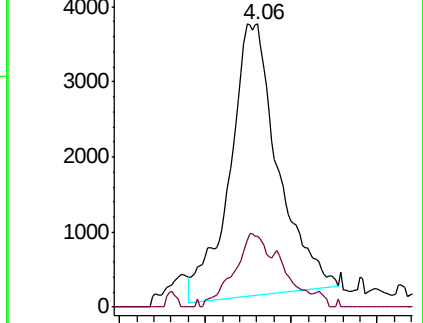
43 100

72 18.8 13.6 40.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 2.745 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV012051.D

Acq: 26 Jul 2019 14:18

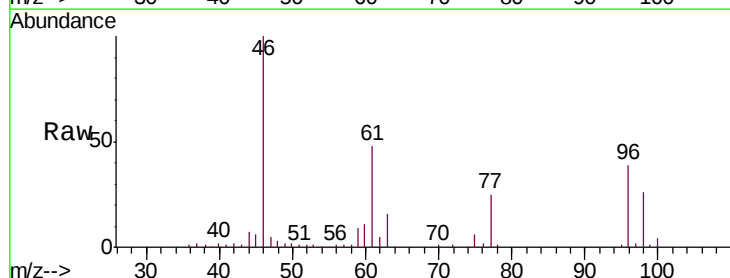
Tgt Ion: 96 Resp: 28410

Ion Ratio Lower Upper

96 100

61 125.0 89.0 165.2

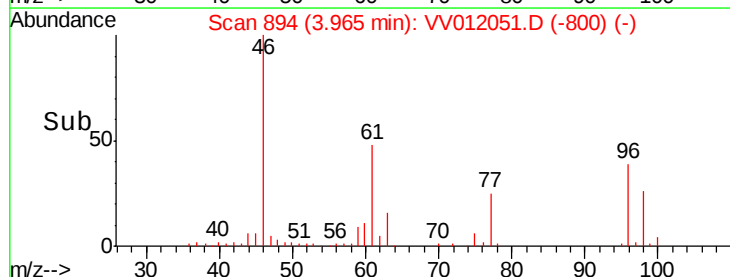
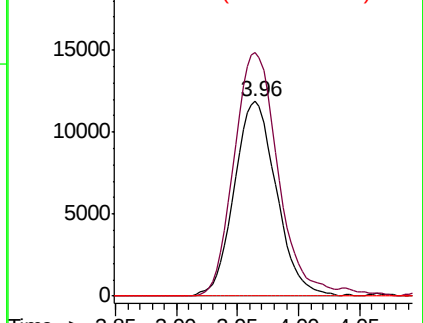
68 0.0 0.0 0.0

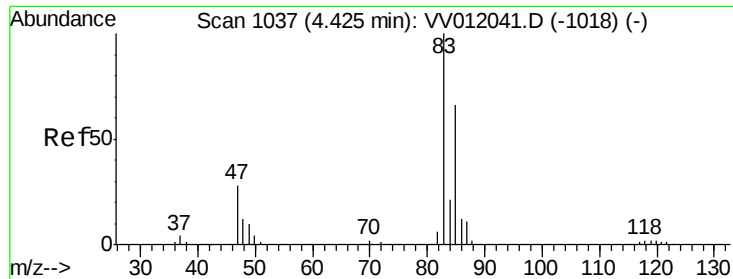


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

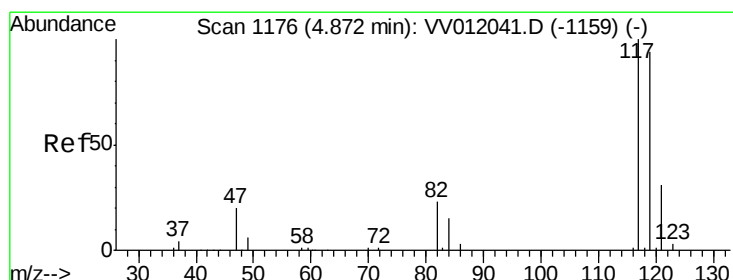
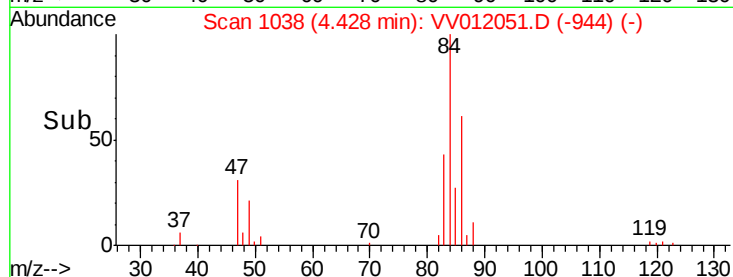
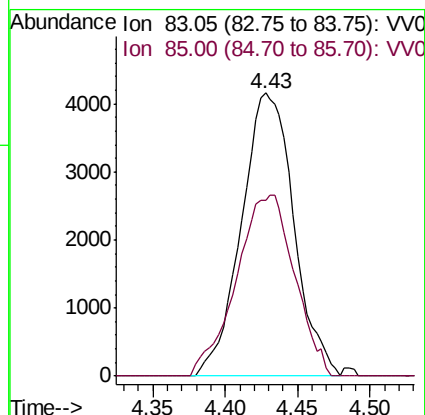
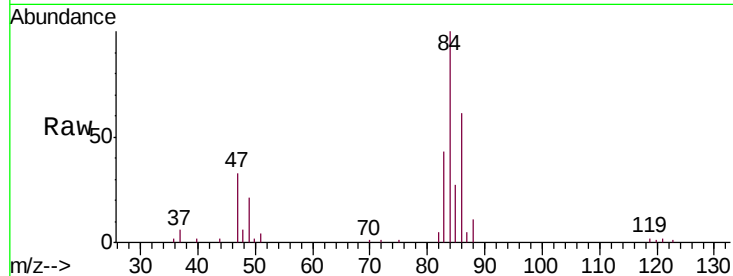




#25
Chloroform
Concen: 0.510 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012051.D
Acq: 26 Jul 2019 14:18

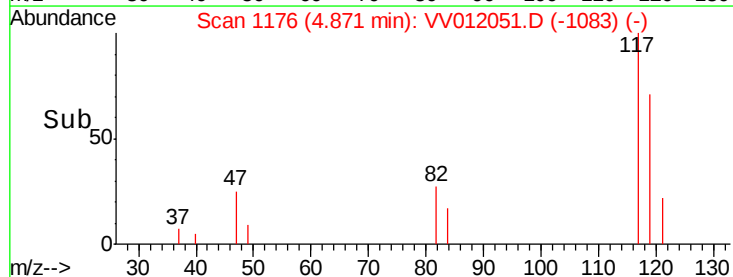
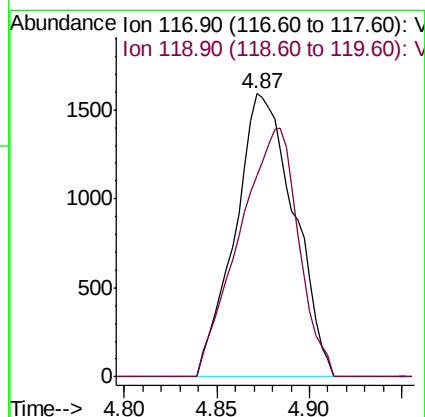
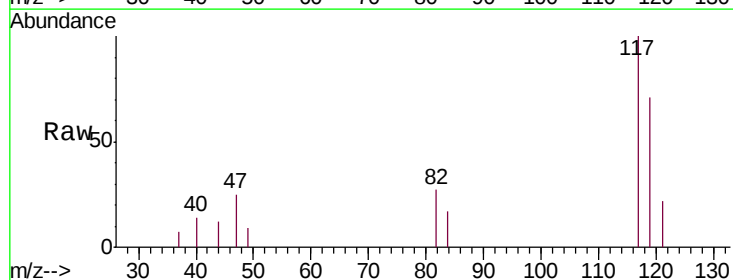
Instrument :
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ClientSampleId :
C0JZ0

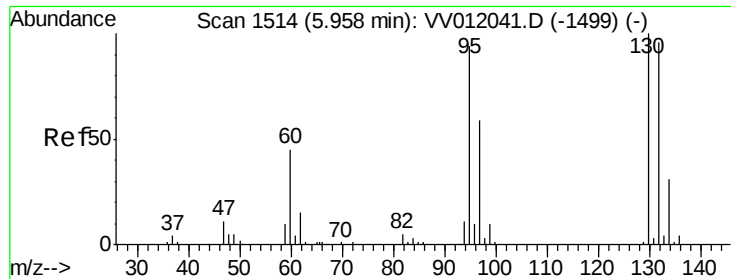
Tgt Ion: 83 Resp: 10484
Ion Ratio Lower Upper
83 100
85 62.2 46.5 86.3



#31
Carbon tetrachloride
Concen: 0.234 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VV012051.D
Acq: 26 Jul 2019 14:18

Tgt Ion: 117 Resp: 3526
Ion Ratio Lower Upper
117 100
119 88.3 76.4 114.6

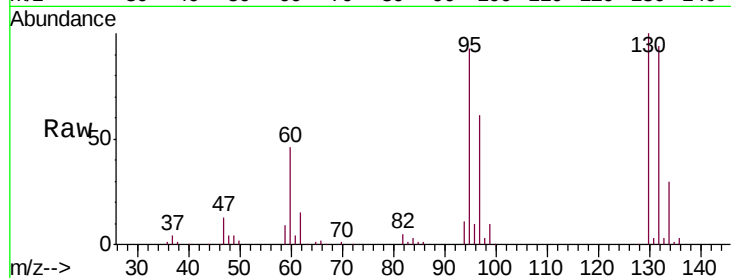




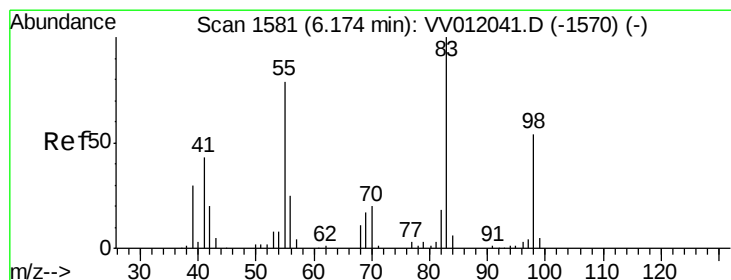
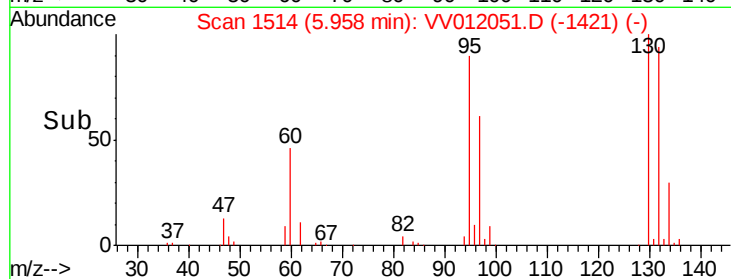
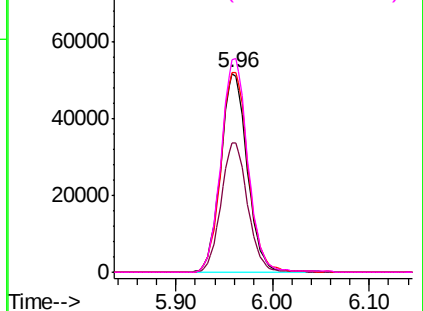
#34
 Trichloroethene
 Concen: 9.246 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV012051.D
 Acq: 26 Jul 2019 14:18

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JZ0

Tgt Ion: 95 Resp: 98896
 Ion Ratio Lower Upper
 95 100
 97 65.3 45.6 84.6
 132 100.4 71.3 132.3
 130 107.0 72.8 135.2

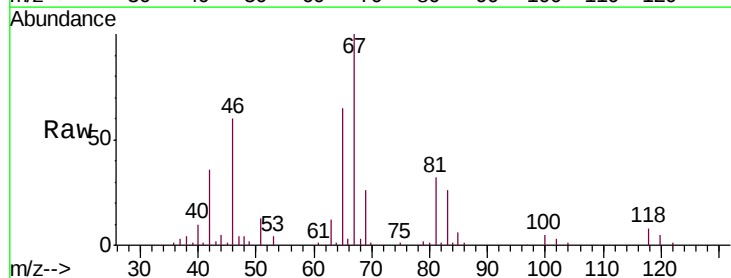


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

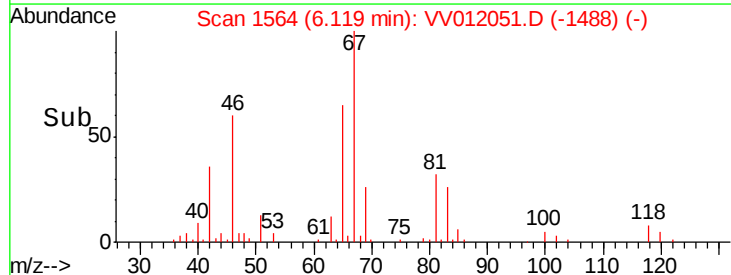
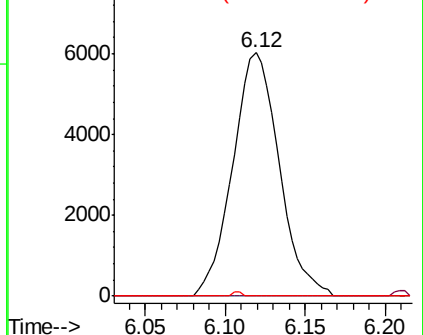


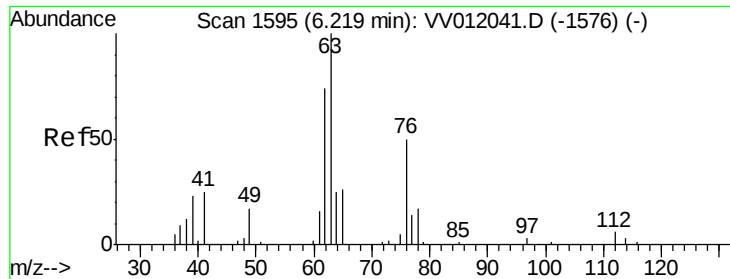
#35
 Methylcyclohexane
 Concen: 0.717 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.05 min
 Lab File: VV012051.D
 Acq: 26 Jul 2019 14:18

Tgt Ion: 83 Resp: 11931
 Ion Ratio Lower Upper
 83 100
 55 0.6 63.0 94.4#
 98 4.5 41.4 62.0#



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

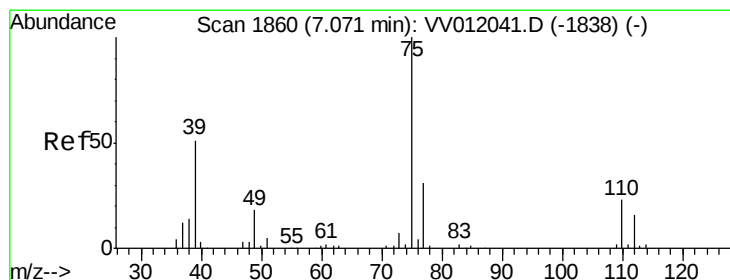
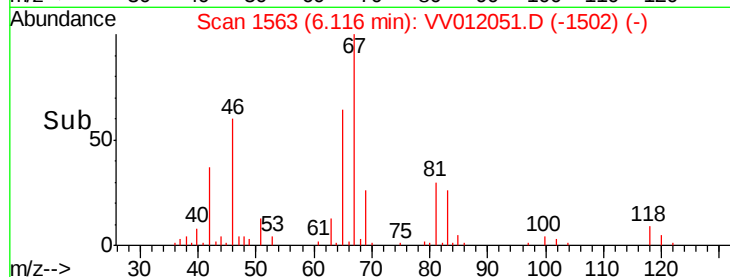
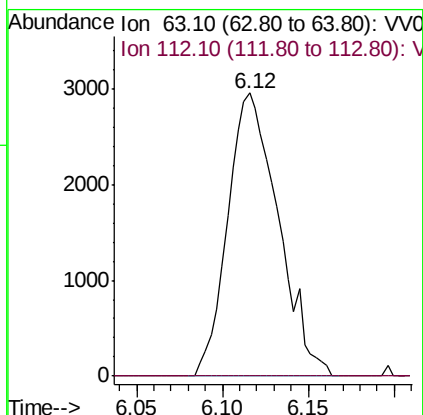
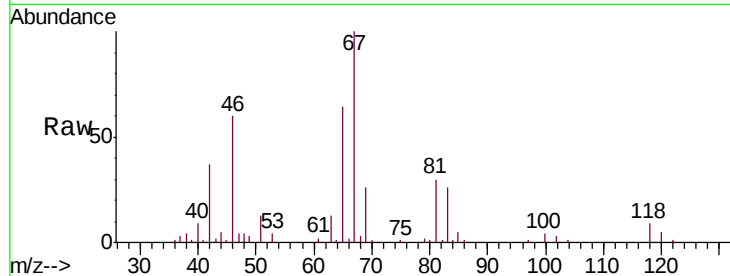




#37
 1,2-Dichloropropane
 Concen: 0.653 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012051.D
 Acq: 26 Jul 2019 14:18

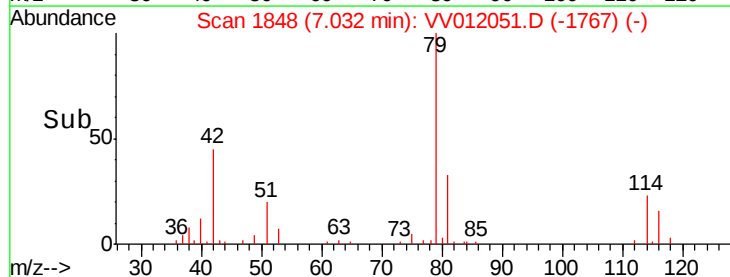
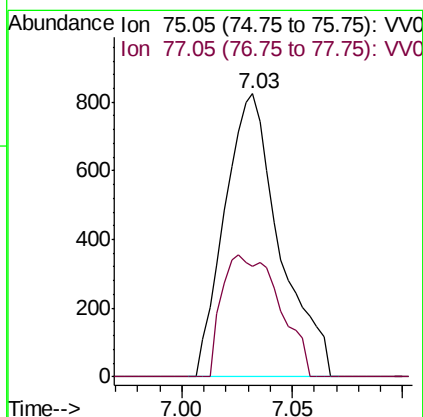
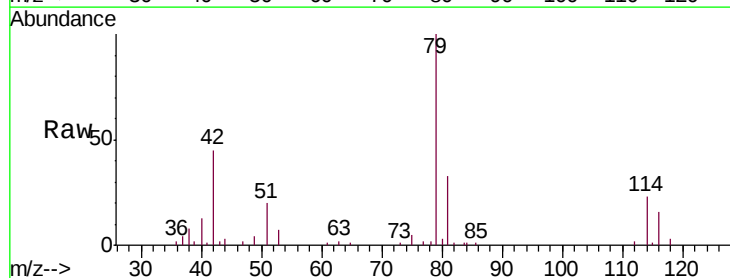
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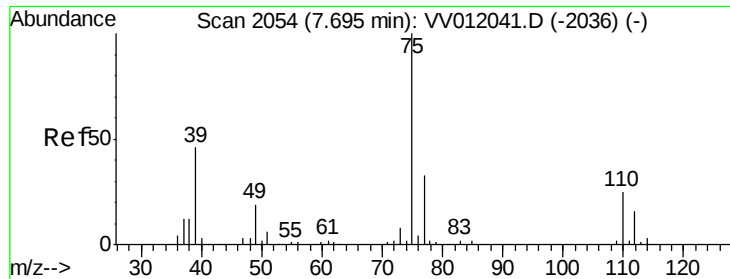
Tgt Ion: 63 Resp: 6043
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV012051.D
 Acq: 26 Jul 2019 14:18

Tgt Ion: 75 Resp: 1421
 Ion Ratio Lower Upper
 75 100
 77 39.0 21.3 39.6





#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012051.D

Acq: 26 Jul 2019 14:18

Instrument :

MSVOA_V

ClientSampleId :

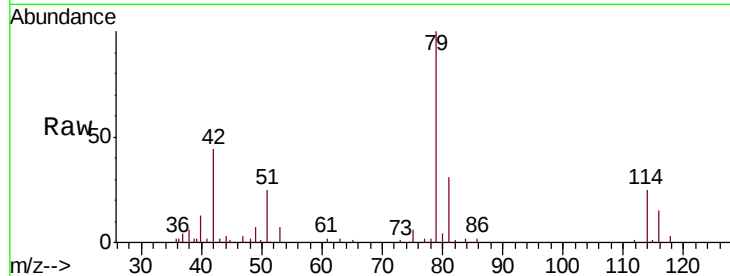
C0JZ0

Tgt Ion: 75 Resp: 911

Ion Ratio Lower Upper

75 100

77 39.3 22.0 40.8



Abundance Ion 75.05 (74.75 to 75.75): VV012041.D (-2036) (-)

Ion 77.05 (76.75 to 77.75): VV012041.D (-2036) (-)

7.67

600

400

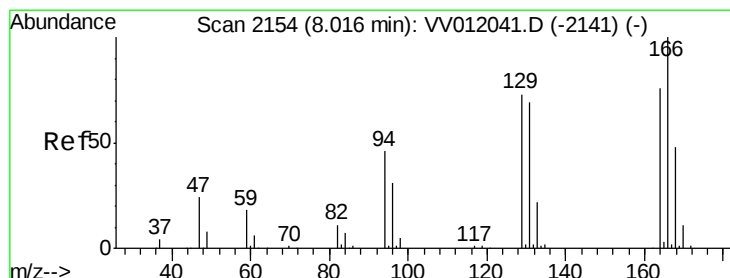
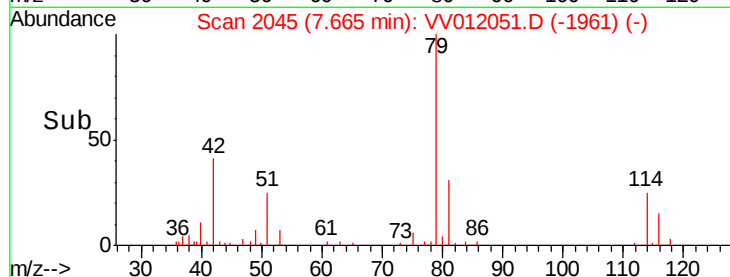
200

0

7.65

7.70

Time-->



#47

Tetrachloroethene

Concen: 0.599 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012051.D

Acq: 26 Jul 2019 14:18

Tgt Ion: 164 Resp: 5529

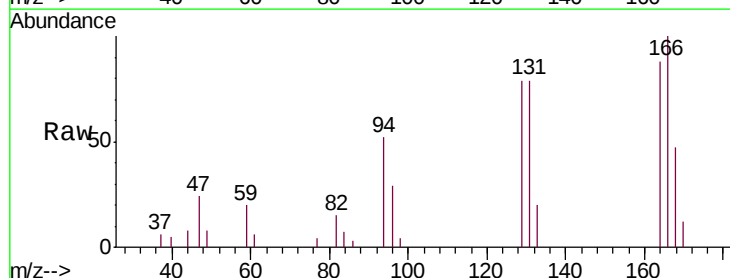
Ion Ratio Lower Upper

164 100

129 89.7 62.5 116.1

131 89.1 58.6 108.8

166 113.2 88.2 163.8



Abundance Ion 163.90 (163.60 to 164.60): VV012041.D (-2141) (-)

Ion 128.95 (128.65 to 129.65): VV012041.D (-2141) (-)

Ion 130.95 (130.65 to 131.65): VV012041.D (-2141) (-)

Ion 165.90 (165.60 to 166.60): VV012041.D (-2141) (-)

5000

4000

3000

2000

1000

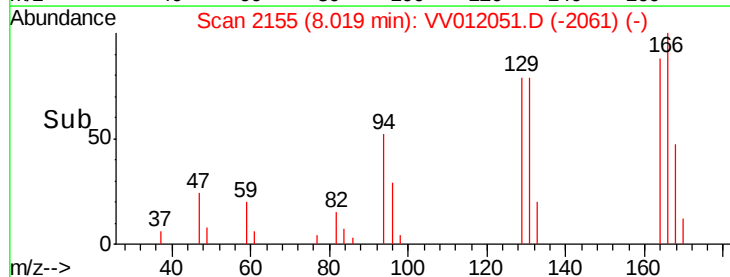
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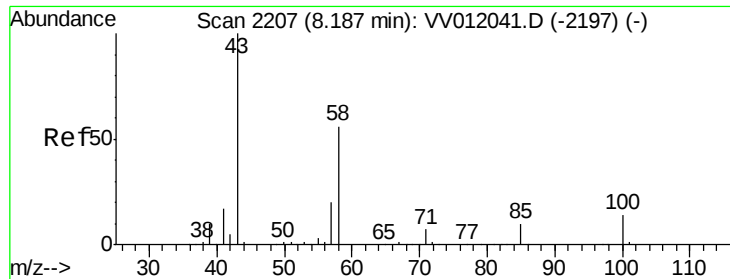
7.95

8.00

8.05

Time-->

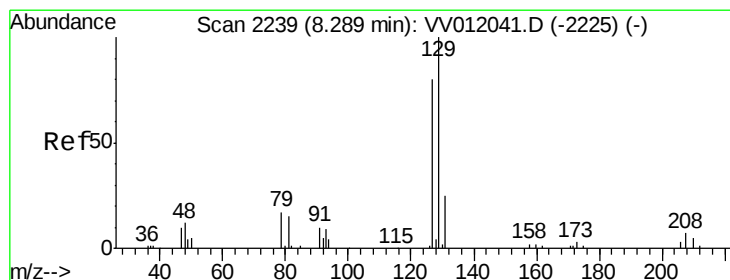
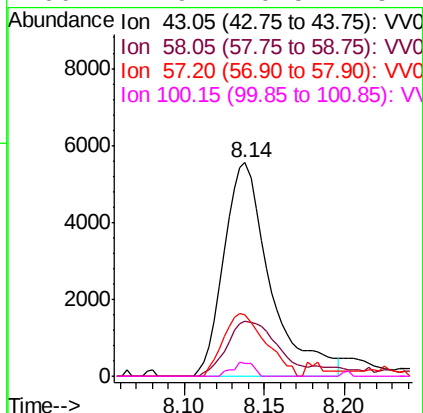
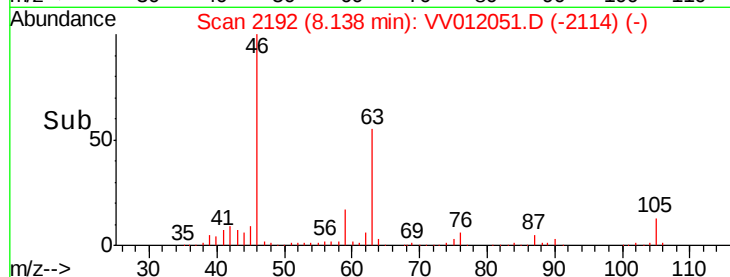
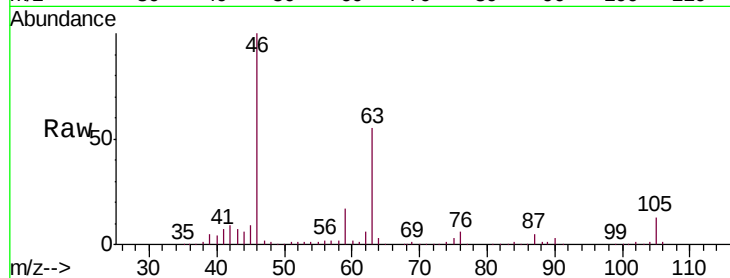




#48
2-Hexanone
Concen: 3.018 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV012051.D
Acq: 26 Jul 2019 14:18

Instrument :
MSVOA_V
ClientSampleId :
C0JZ0

Tgt Ion: 43 Resp: 10954
Ion Ratio Lower Upper
43 100
58 28.1 43.7 65.5#
57 26.8 16.0 24.0#
100 2.9 10.5 15.7#



#49
Dibromochloromethane
Concen: 0.613 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012051.D
Acq: 26 Jul 2019 14:18

Tgt Ion: 129 Resp: 4797
Ion Ratio Lower Upper
129 100
127 0.0 55.3 102.7#

