

Data File : VV008361.D
Acq On : 19 Oct 2018 13:18
Operator : SY/MD
Sample : J5589-03
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T24

Quant Time: Oct 20 02:52:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 02:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	132559	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	116143	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36583	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.58	69	27285	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.13	63	51469	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.98	46	117753	46.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.74%
24) Chloroform-d	4.41	84	80819	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.09	65	45000	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.10	84	173138	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	57108	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.36	98	154484	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.67	79	21506	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.14	63	70740	43.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.66%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	29539	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	45766	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

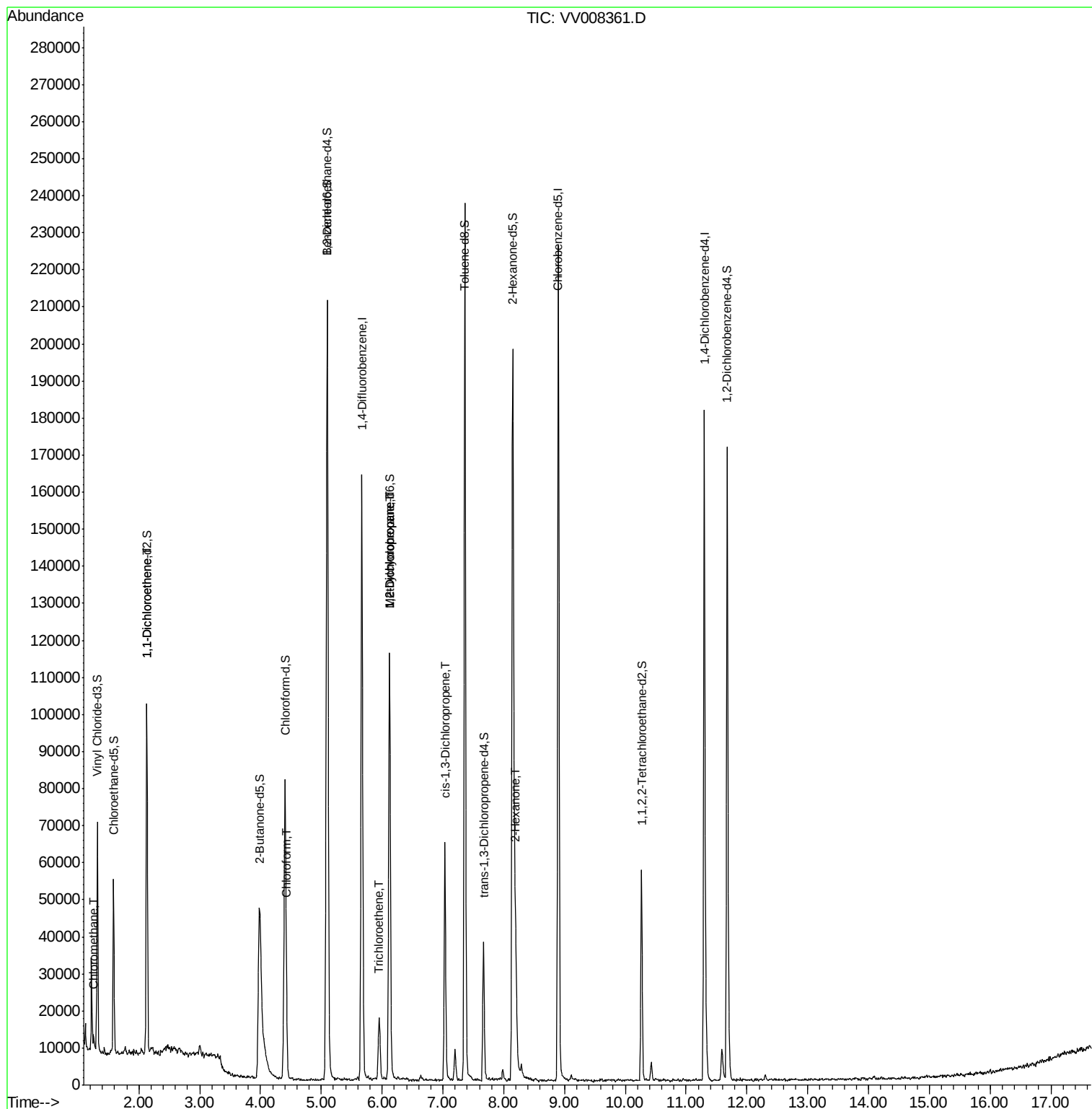
					Qvalue
3) Chloromethane	1.25	50	2675	0.257 ug/L	92
12) 1,1-Dichloroethene	2.13	96	655	0.103 ug/L #	1
25) Chloroform	4.43	83	1742	0.100 ug/L	92
34) Trichloroethene	5.96	95	2660	0.245 ug/L	90
35) Methylcyclohexane	6.12	83	12475	0.682 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6356	0.602 ug/L #	90
39) cis-1,3-Dichloropropene	7.04	75	1576	0.105 ug/L #	56
48) 2-Hexanone	8.20	43	26570	5.621 ug/L #	87

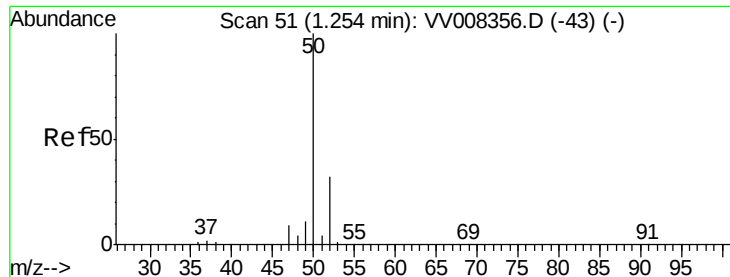
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.257 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

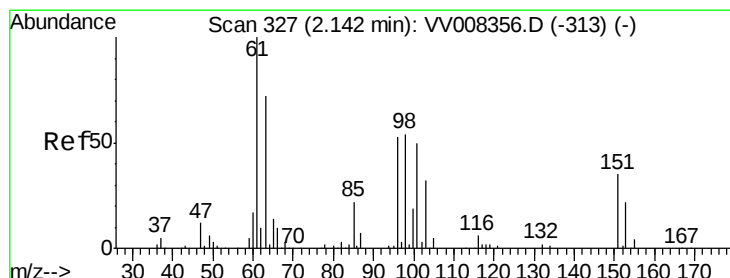
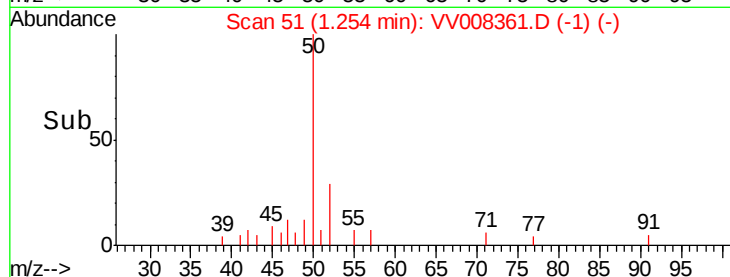
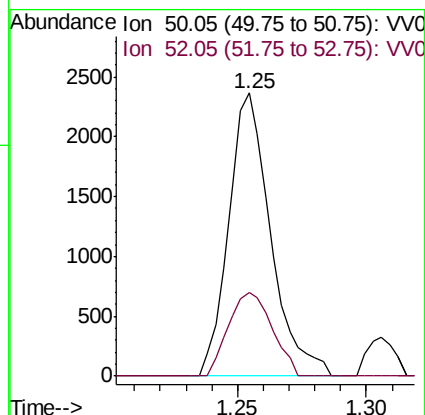
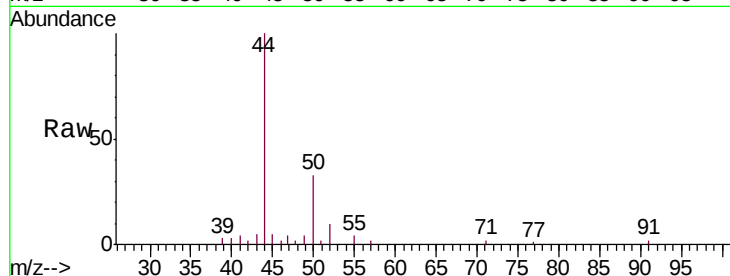
C0T24

Tgt Ion: 50 Resp: 2675

Ion Ratio Lower Upper

50 100

52 29.5 23.7 43.9



#12

1,1-Dichloroethene

Concen: 0.103 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV008361.D

Acq: 19 Oct 2018 13:18

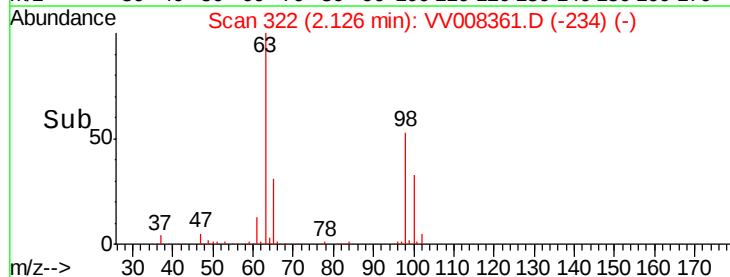
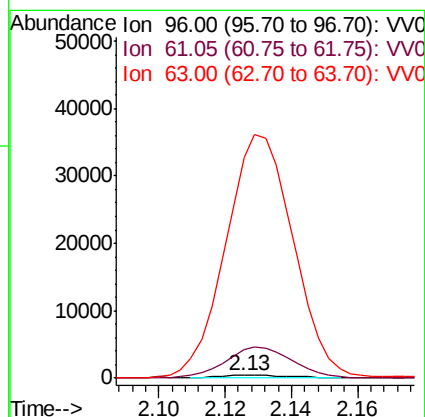
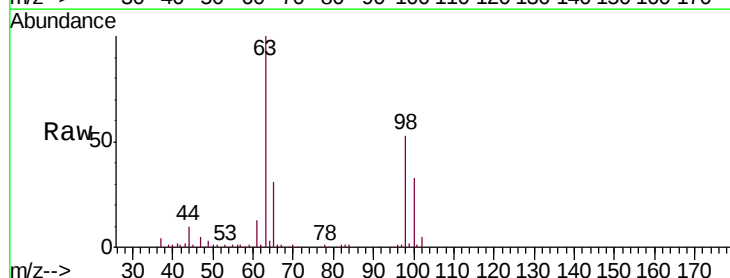
Tgt Ion: 96 Resp: 655

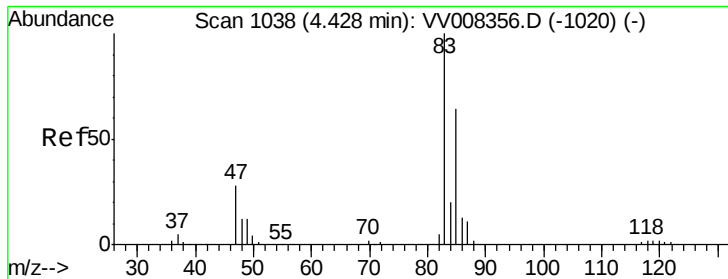
Ion Ratio Lower Upper

96 100

61 1023.1 129.9 241.3#

63 8021.6 103.0 191.4#

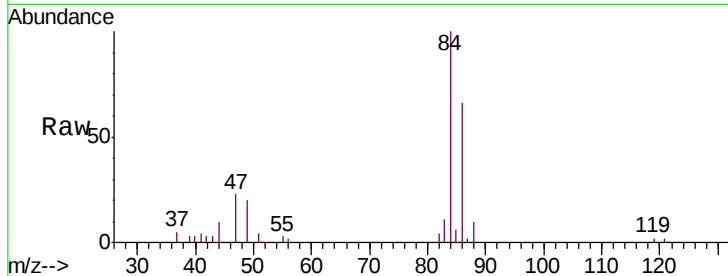




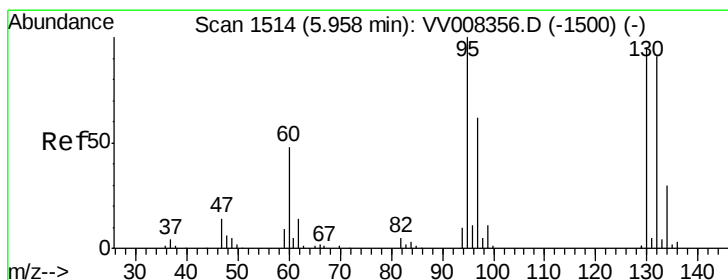
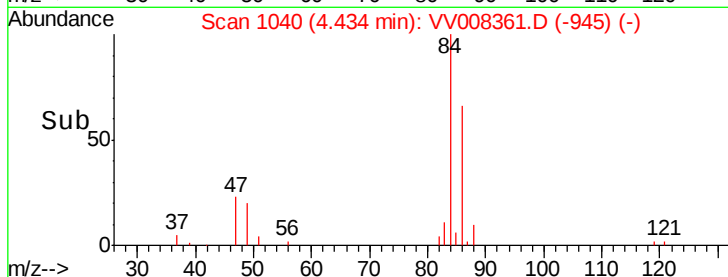
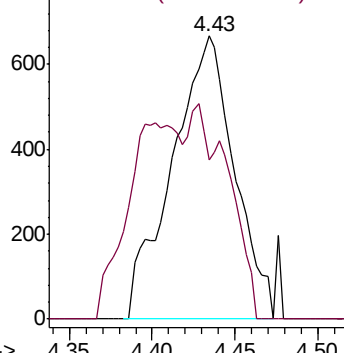
#25
Chloroform
Concen: 0.100 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV008361.D
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Instrument :
MSVOA_V
ClientSampleId :
C0T24

Tgt Ion: 83 Resp: 1742
Ion Ratio Lower Upper
83 100
85 56.2 43.4 80.6

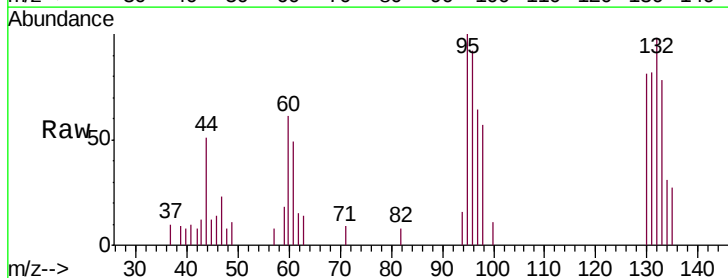


Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

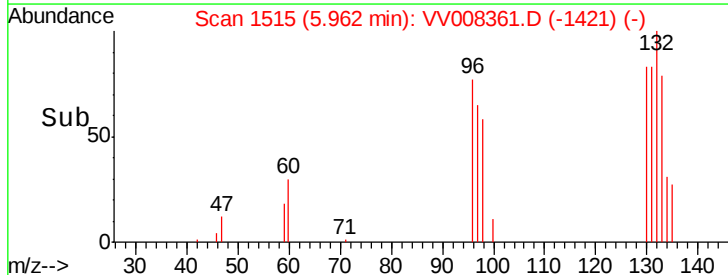
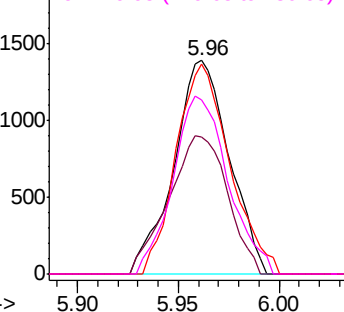


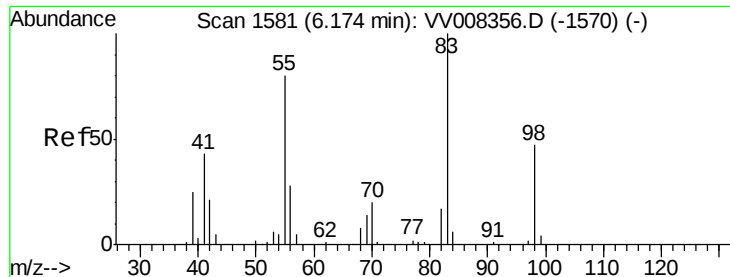
#34
Trichloroethene
Concen: 0.245 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008361.D
Acq: 19 Oct 2018 13:18

Tgt Ion: 95 Resp: 2660
Ion Ratio Lower Upper
95 100
97 64.1 44.4 82.4
132 98.4 60.4 112.2
130 81.2 65.5 121.7



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): V
Ion 129.95 (129.65 to 130.65): V

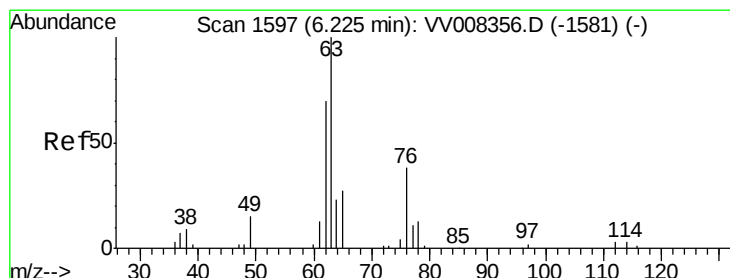
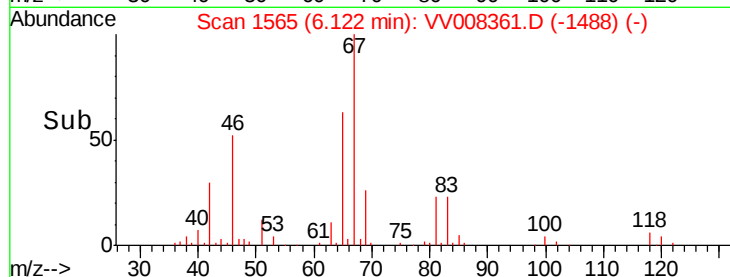
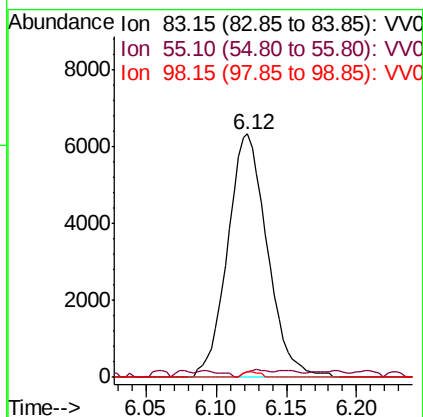
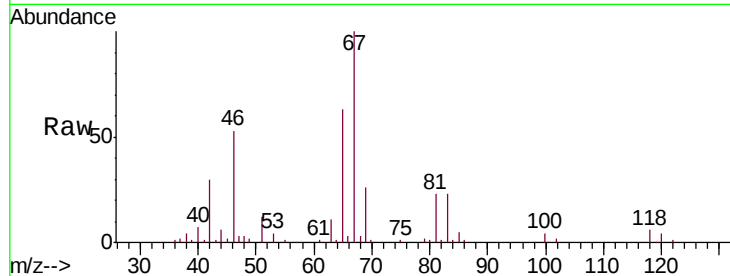




#35
Methylcyclohexane
Concen: 0.682 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008361.D
Acq: 19 Oct 2018 13:18

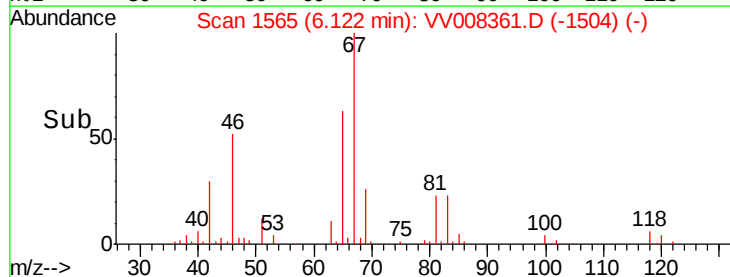
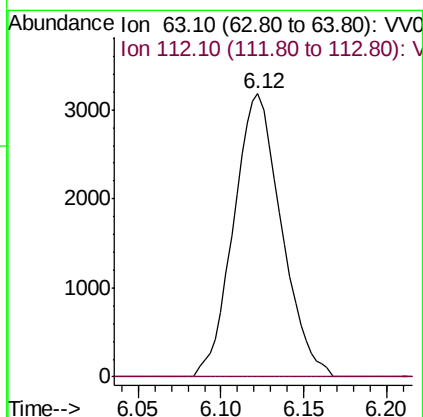
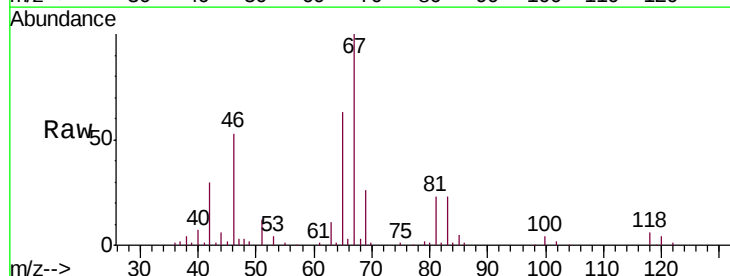
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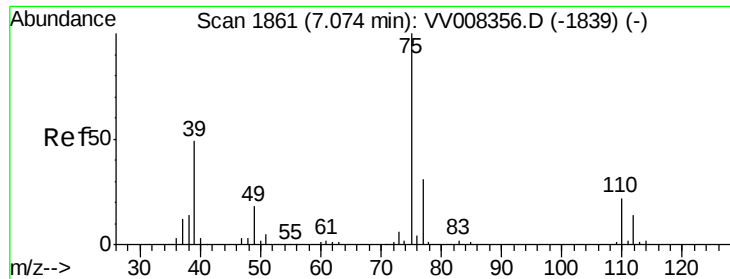
Tgt Ion: 83 Resp: 12475
Ion Ratio Lower Upper
83 100
55 1.8 64.0 96.0#
98 0.9 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008361.D
Acq: 19 Oct 2018 13:18

Tgt Ion: 63 Resp: 6356
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

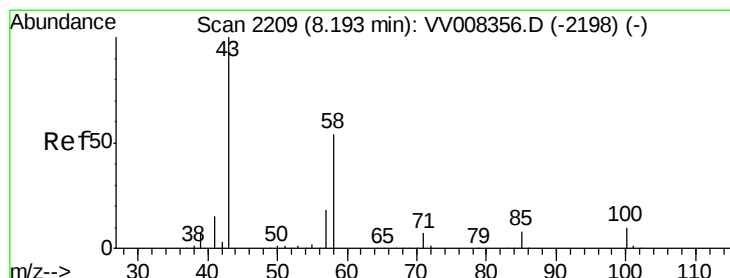
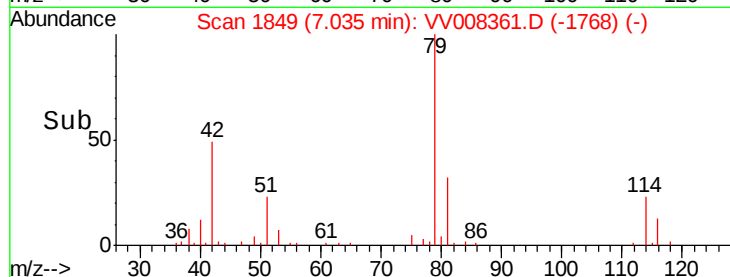
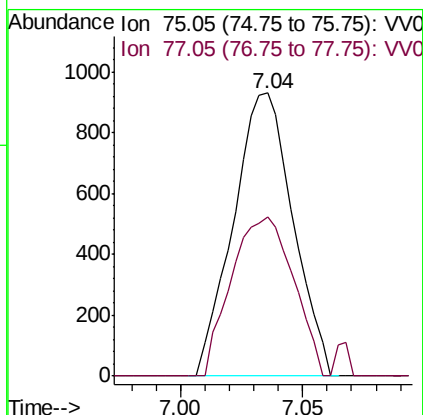
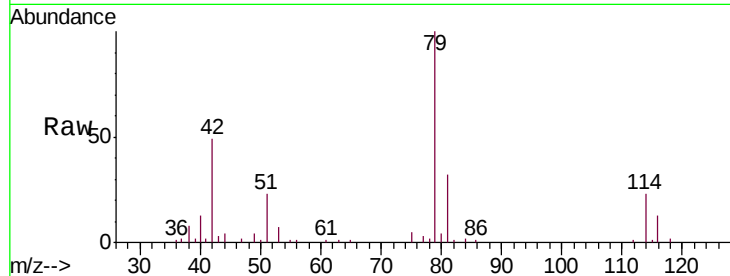




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008361.D
 Acq: 19 Oct 2018 13:18

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T24

Tgt Ion: 75 Resp: 1576
 Ion Ratio Lower Upper
 75 100
 77 56.2 22.3 41.3#



#48
 2-Hexanone
 Concen: 5.621 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VV008361.D
 Acq: 19 Oct 2018 13:18

Tgt Ion: 43 Resp: 26570
 Ion Ratio Lower Upper
 43 100
 58 44.8 45.0 67.4#
 57 15.3 14.4 21.6
 100 6.3 7.9 11.9#

