

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102518\
 Data File : VV008415.D
 Acq On : 25 Oct 2018 17:54
 Operator : SY/MD
 Sample : J5635-20
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A40C0

Quant Time: Oct 25 23:20:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 23:17:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	204231	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	182206	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72277	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56675	50.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.24%
7) Chloroethane-d5	1.57	69	41429	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.48%
11) 1,1-Dichloroethene-d2	2.13	63	74268	36.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.72%
21) 2-Butanone-d5	3.93	46	107698	87.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.64%
24) Chloroform-d	4.41	84	125799	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.22%
26) 1,2-Dichloroethane-d4	5.09	65	87559	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
32) Benzene-d6	5.11	84	260939	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
36) 1,2-Dichloropropane-d6	6.12	67	88987	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.74%
41) Toluene-d8	7.36	98	238591	50.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.22%
43) trans-1,3-Dichloropropene-	7.67	79	41901	47.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.70%
47) 2-Hexanone-d5	8.14	63	80655	85.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	110456	45.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.50%
64) 1,2-Dichlorobenzene-d4	11.68	152	74002	50.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.10%

Target Compounds

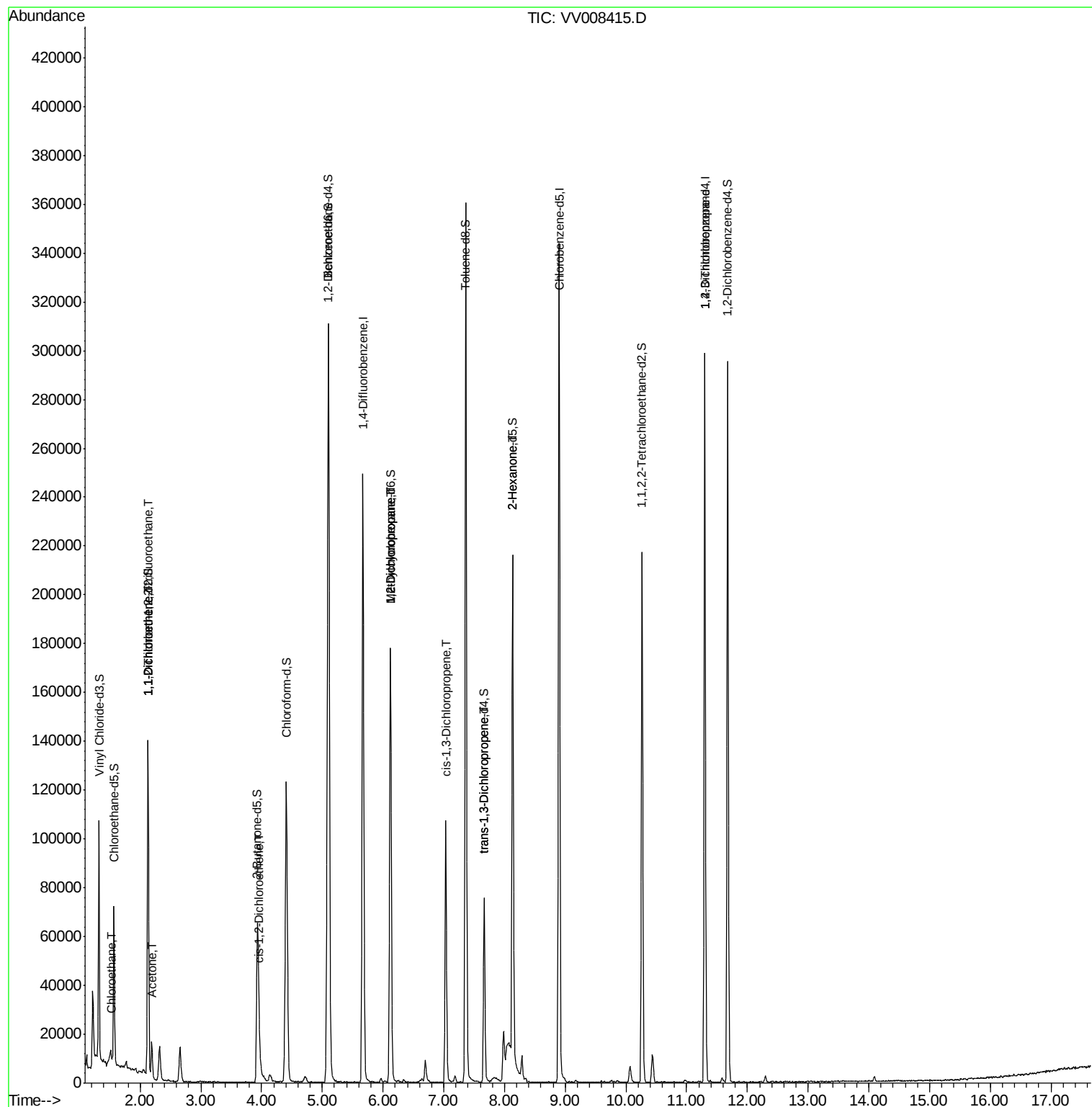
					Qvalue
8) Chloroethane	1.54	64	1741	2.289 ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	653	0.671 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	675	0.737 ug/L #	1
13) Acetone	2.19	43	12245	12.839 ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	1346	0.846 ug/L	81
35) Methylcyclohexane	6.12	83	19967	7.702 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9095	5.529 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2392	0.925 ug/L #	62
44) trans-1,3-Dichloropropene	7.67	75	1700	0.703 ug/L #	77
48) 2-Hexanone	8.13	43	9122	4.853 ug/L #	66
59) 1,2,3-Trichloropropane	11.30	75	9832	4.769 ug/L	90

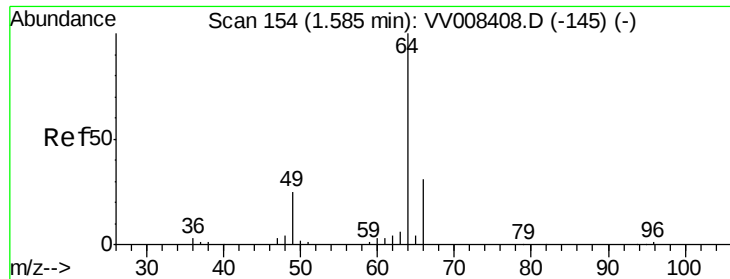
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 25 23:17:12 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 2.289 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.05 min

Lab File: VV008415.D

Acq: 25 Oct 2018 17:54

Instrument :

MSVOA_V

ClientSampleId :

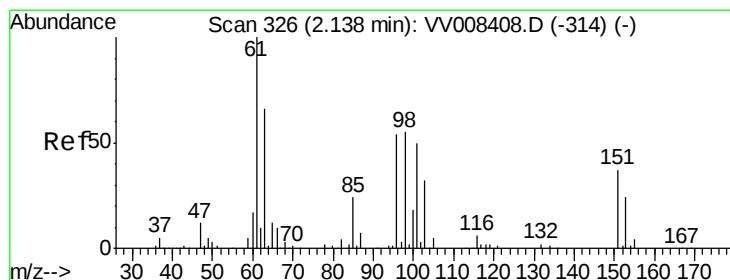
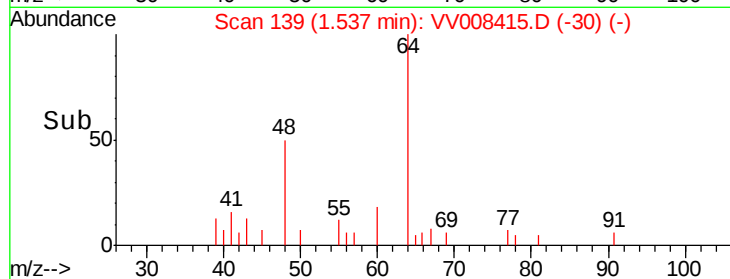
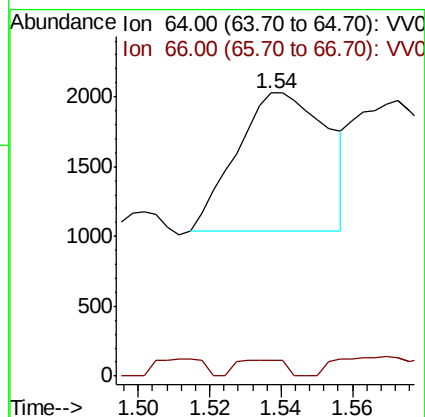
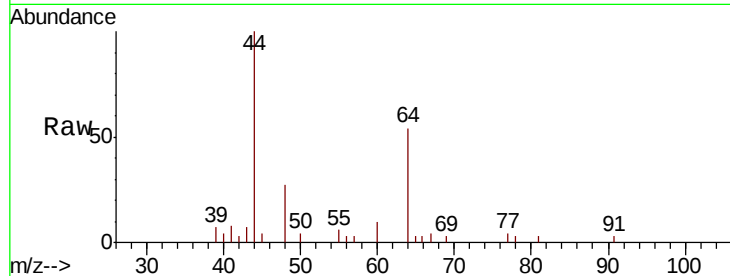
A40C0

Tgt Ion: 64 Resp: 1741

Ion Ratio Lower Upper

64 100

66 5.6 19.9 36.9#



#10

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

Concen: 0.671 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008415.D

Acq: 25 Oct 2018 17:54

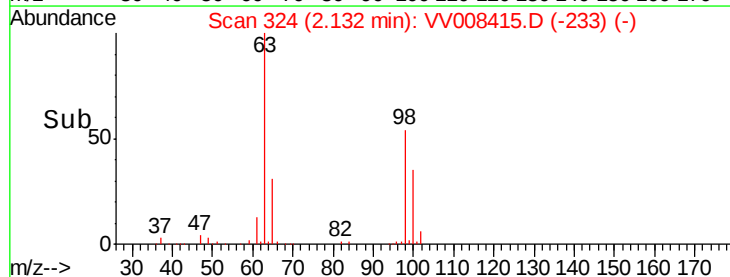
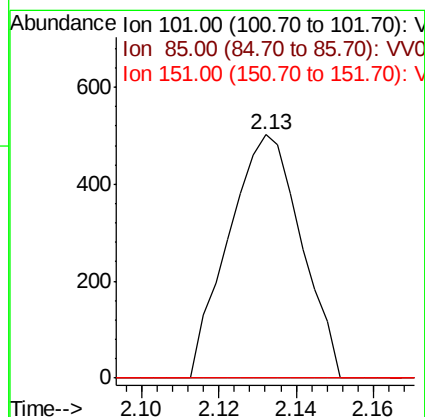
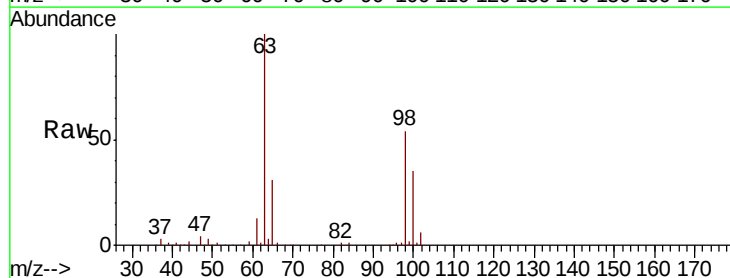
Tgt Ion: 101 Resp: 653

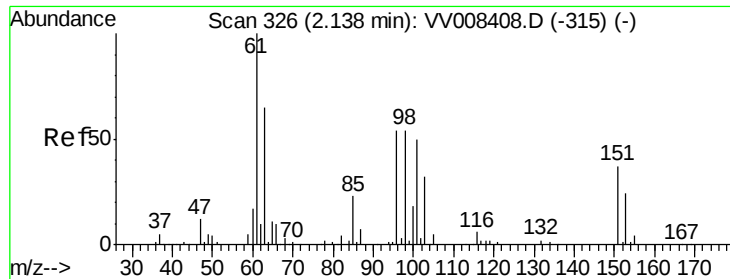
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 58.1 87.1#

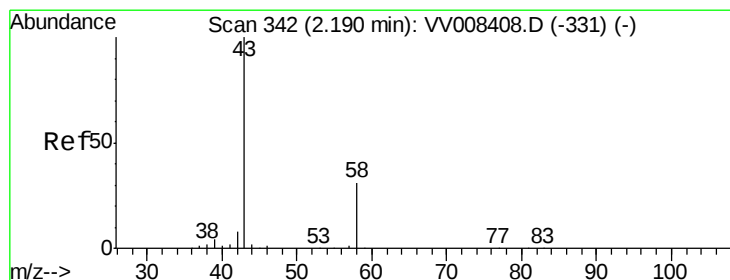
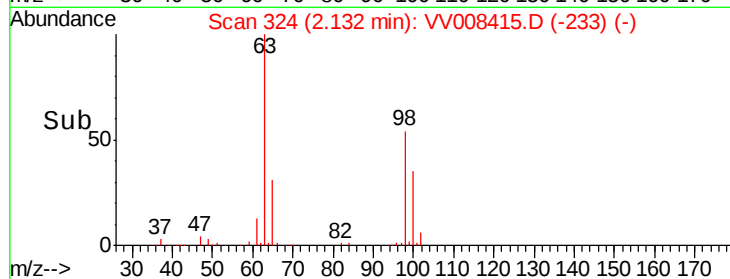
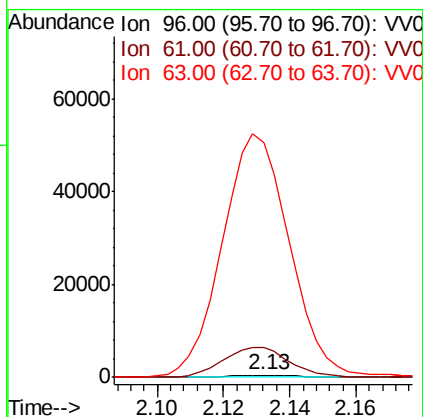
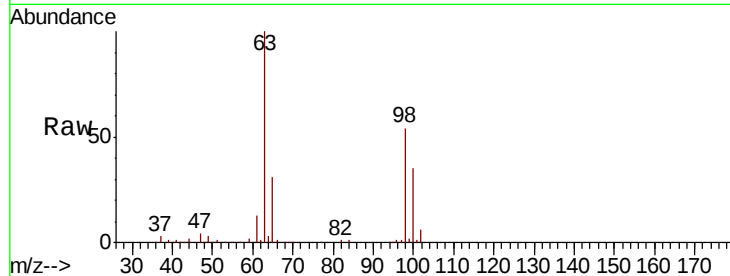




#12
 1,1-Dichloroethene
 Concen: 0.737 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV008415.D
 Acq: 25 Oct 2018 17:54

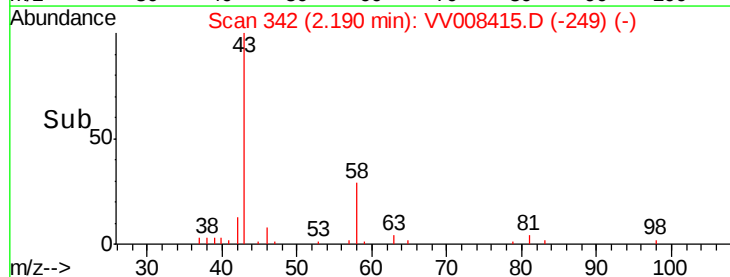
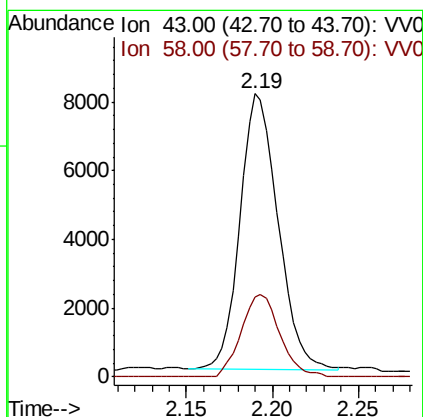
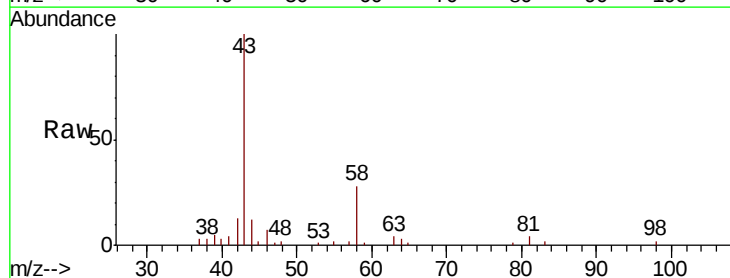
Instrument :
 MSVOA_V
 ClientSampleId :
 A40C0

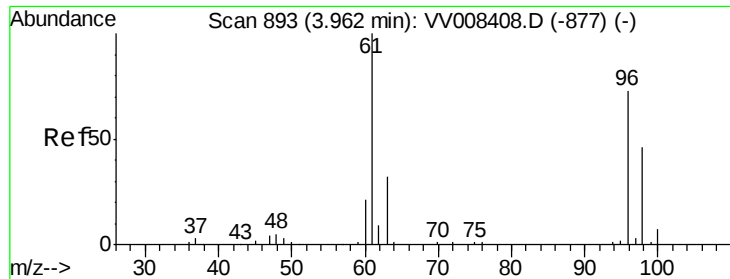
Tgt Ion: 96 Resp: 675
 Ion Ratio Lower Upper
 96 100
 61 1564.3 130.3 242.1#
 63 12285.4 84.4 156.8#



#13
 Acetone
 Concen: 12.839 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VV008415.D
 Acq: 25 Oct 2018 17:54

Tgt Ion: 43 Resp: 12245
 Ion Ratio Lower Upper
 43 100
 58 30.4 0.0 61.4

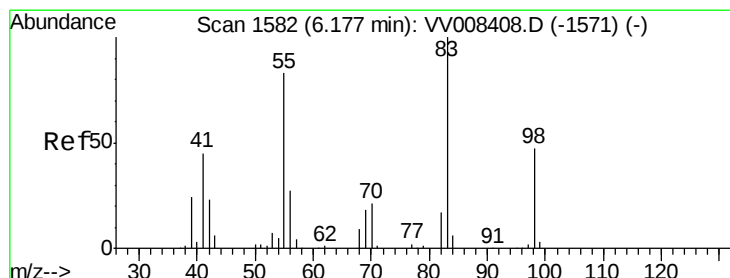
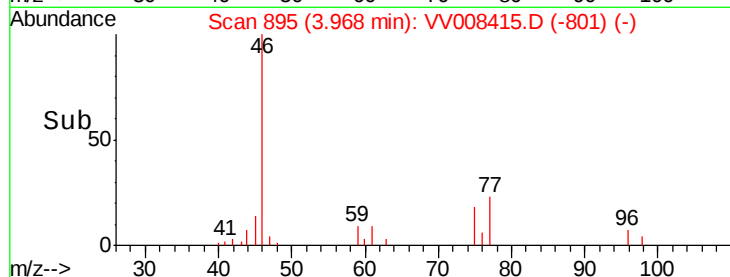
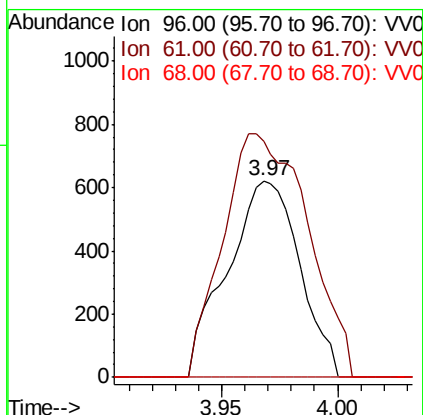
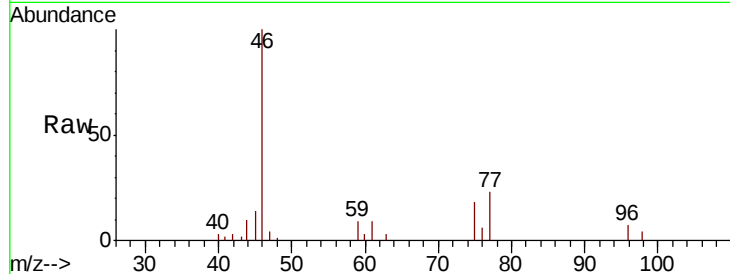




#20
 cis-1,2-Dichloroethene
 Concen: 0.846 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008415.D
 Acq: 25 Oct 2018 17:54

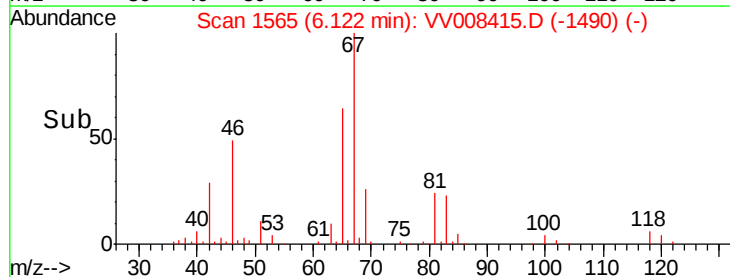
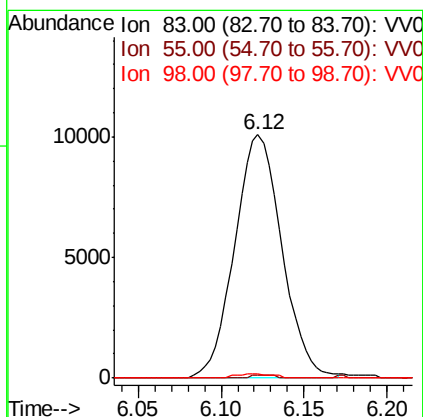
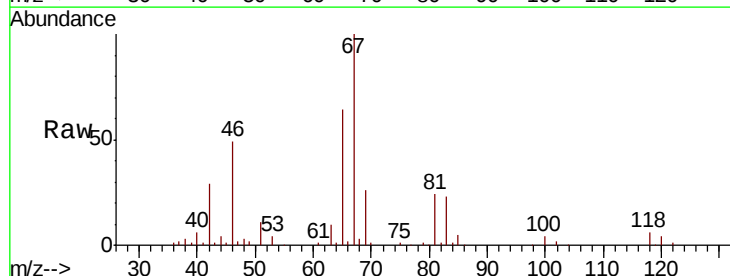
Instrument :
 MSVOA_V
 ClientSampleId :
 A40C0

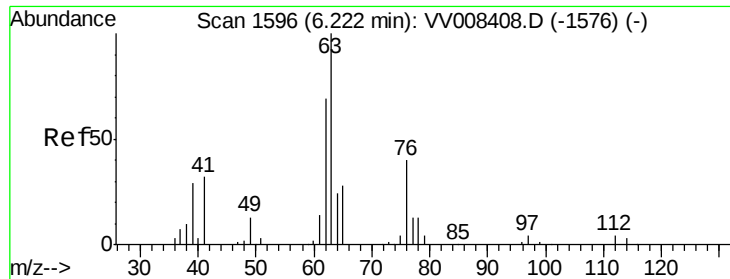
Tgt Ion: 96 Resp: 1346
 Ion Ratio Lower Upper
 96 100
 61 120.1 100.9 187.5
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 7.702 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: VV008415.D
 Acq: 25 Oct 2018 17:54

Tgt Ion: 83 Resp: 19967
 Ion Ratio Lower Upper
 83 100
 55 0.5 65.0 97.4#
 98 1.3 36.0 54.0#

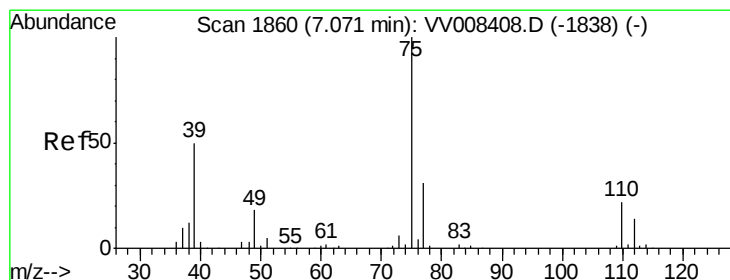
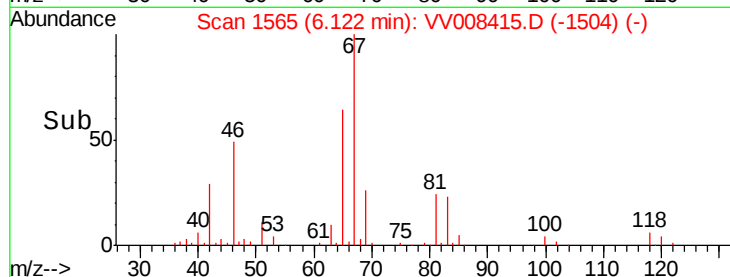
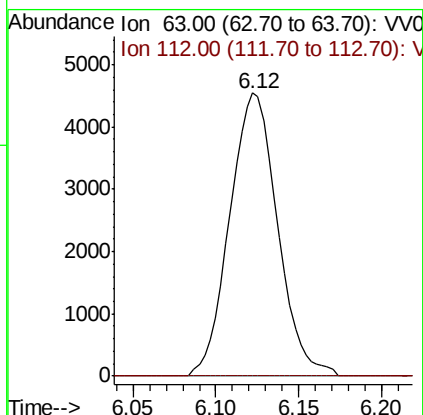
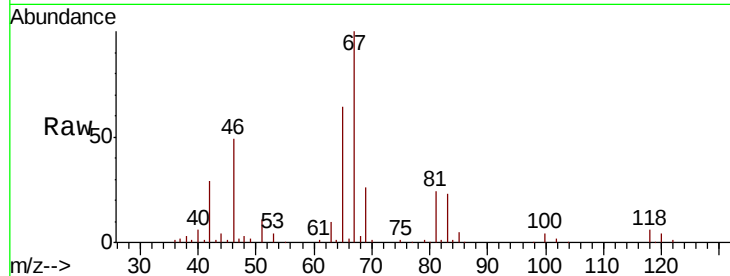




#37
 1,2-Dichloropropane
 Concen: 5.529 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008415.D
 Acq: 25 Oct 2018 17:54

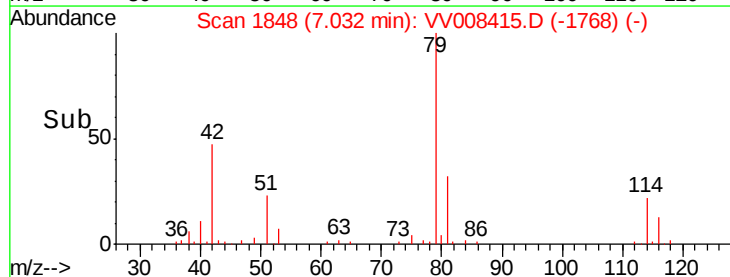
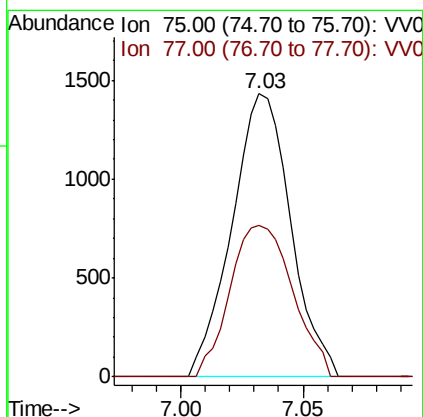
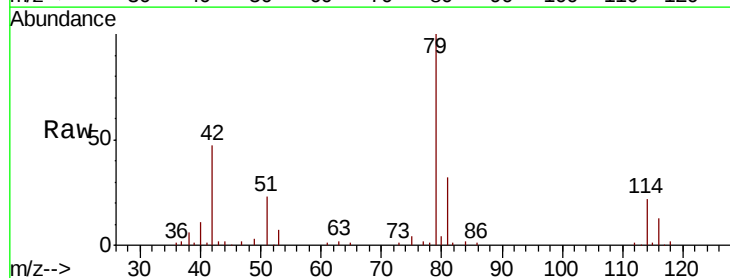
Instrument :
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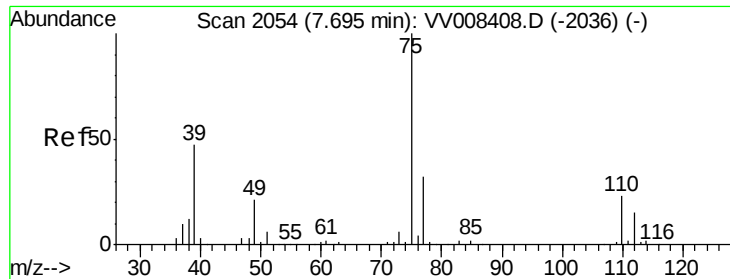
Tgt Ion: 63 Resp: 9095
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.925 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008415.D
 Acq: 25 Oct 2018 17:54

Tgt Ion: 75 Resp: 2392
 Ion Ratio Lower Upper
 75 100
 77 53.6 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.703 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008415.D

Acq: 25 Oct 2018 17:54

Instrument :

MSVOA_V

ClientSampleId :

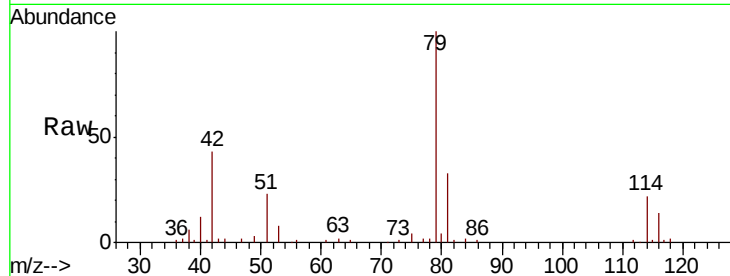
A40C0

Tgt Ion: 75 Resp: 1700

Ion Ratio Lower Upper

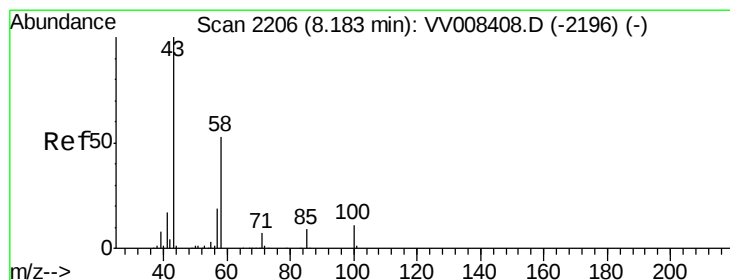
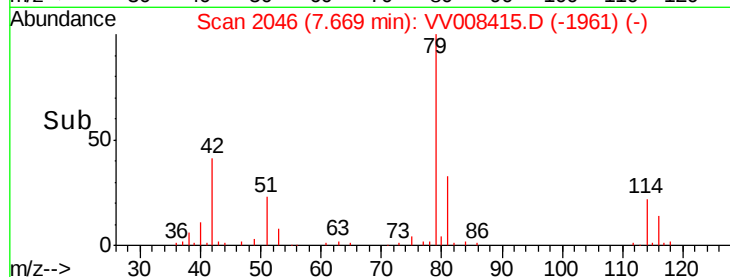
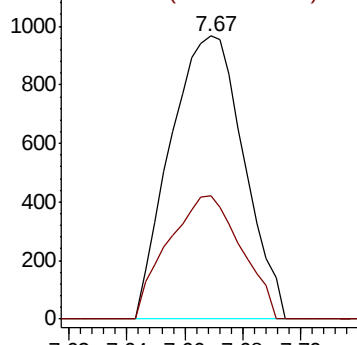
75 100

77 43.5 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 4.853 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV008415.D

Acq: 25 Oct 2018 17:54

Tgt Ion: 43 Resp: 9122

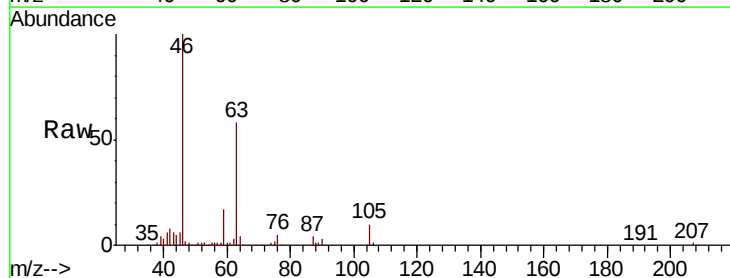
Ion Ratio Lower Upper

43 100

58 22.1 42.6 63.8#

57 21.7 14.8 22.2

100 0.0 8.5 12.7#

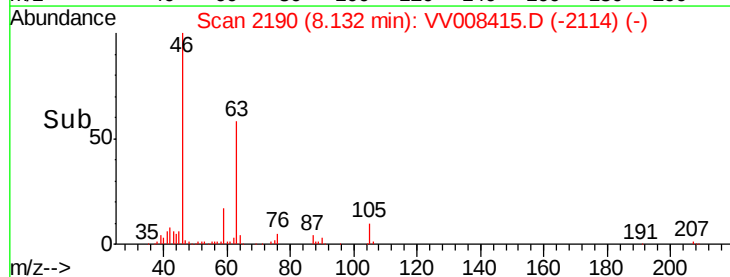
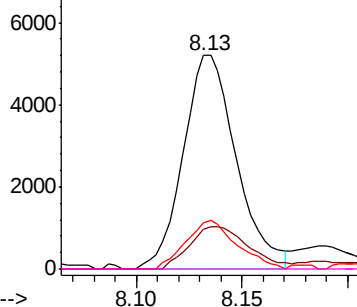


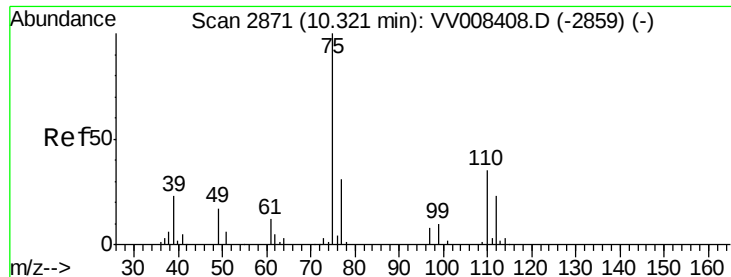
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 4.769 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008415.D

Acq: 25 Oct 2018 17:54

Instrument :

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ClientSampleId :

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Tgt Ion: 75 Resp: 9832

Ion Ratio Lower Upper

75 100

77 38.0 25.8 38.8

