

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
 Data File : VV007542.D
 Acq On : 14 Sep 2018 23:51
 Operator : SY/MD
 Sample : J4888-09
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KW4

Quant Time: Sep 15 02:09:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 15 02:08:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	122717	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	105786	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47872	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25937	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.58	69	25697	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	47313	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.97	46	50551	56.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.08%
24) Chloroform-d	4.41	84	55530	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.09	65	28187	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.10	84	110572	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.12	67	33035	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	107754	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.67	79	11257	3.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.00%
46) 2-Hexanone-d5	8.15	63	30395	57.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20954	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	40727	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

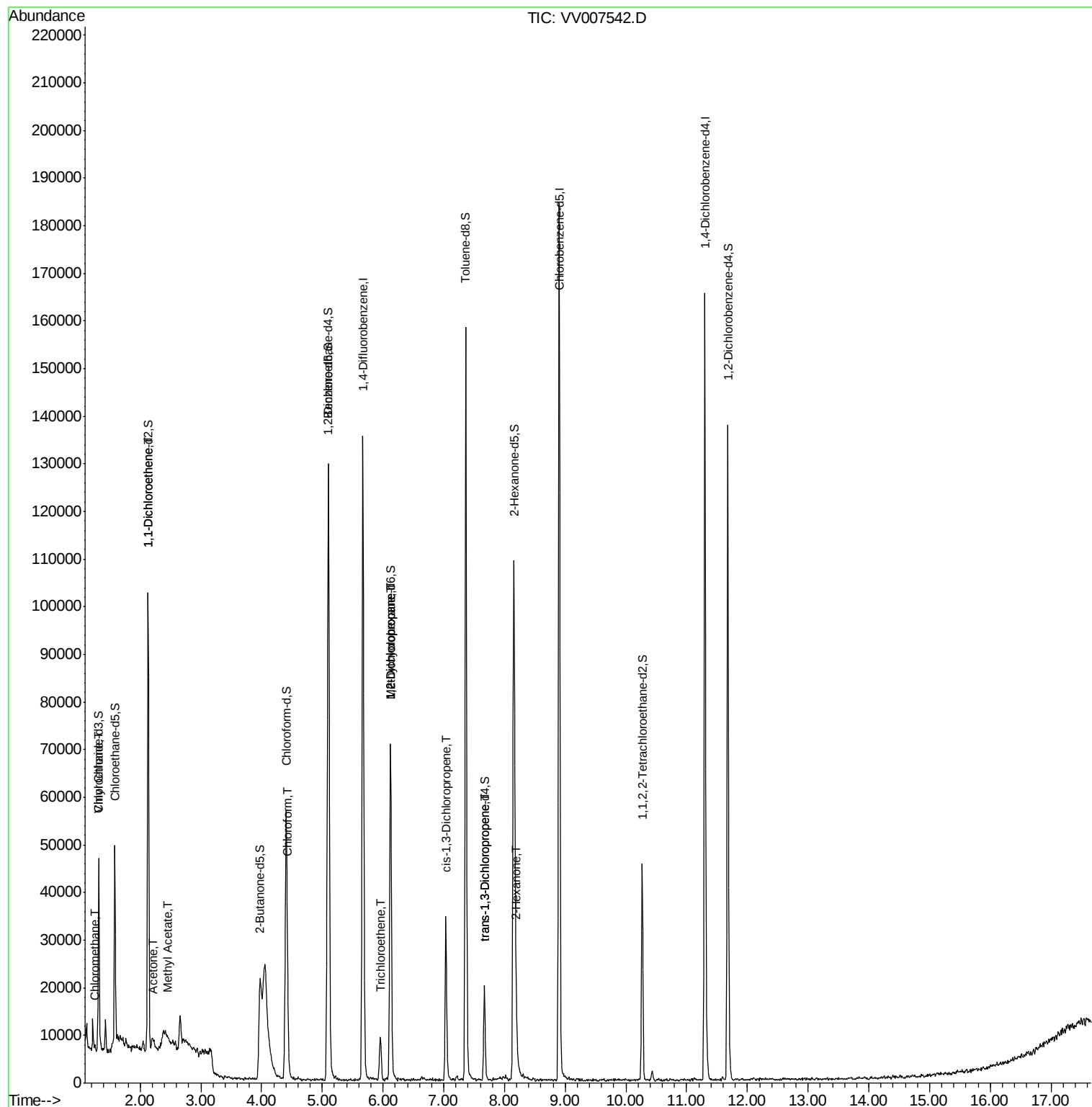
					Qvalue
3) Chloromethane	1.25	50	605	0.105 ug/L	86
8) Chloroethane	1.32	64	463	0.118 ug/L #	1
12) 1,1-Dichloroethene	2.13	96	652	0.105 ug/L #	1
13) Acetone	2.21	43	3045	5.214 ug/L	86
15) Methyl Acetate	2.46	43	237	0.148 ug/L #	43
25) Chloroform	4.43	83	3647	0.323 ug/L	80
34) Trichloroethene	5.96	95	1802	0.269 ug/L	86
35) Methylcyclohexane	6.12	83	8033	0.776 ug/L #	22
37) 1,2-Dichloropropane	6.12	63	3903	0.725 ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	870	0.102 ug/L #	79
44) trans-1,3-Dichloropropene	7.67	75	567	0.081 ug/L	92
48) 2-Hexanone	8.20	43	5187	2.299 ug/L #	69

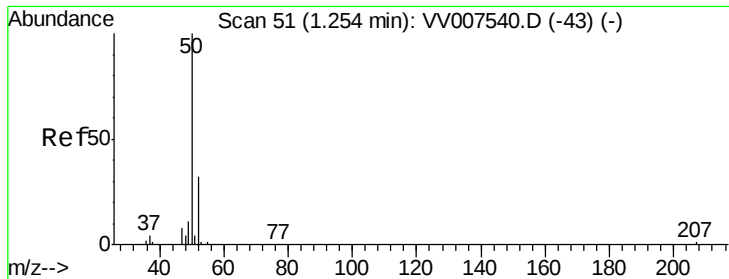
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 15 02:08:52 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.105 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV007542.D

Acq: 14 Sep 2018 23:51

Instrument :

MSVOA_V

ClientSampled :

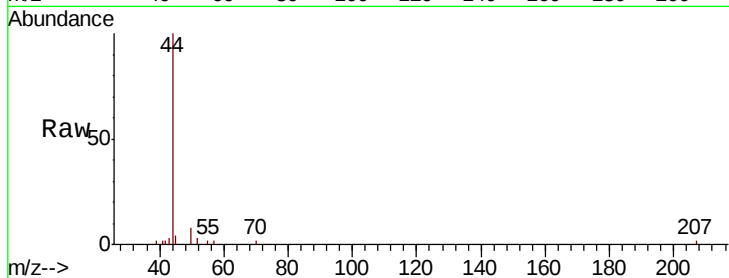
C0KW4

Tgt Ion: 50 Resp: 605

Ion Ratio Lower Upper

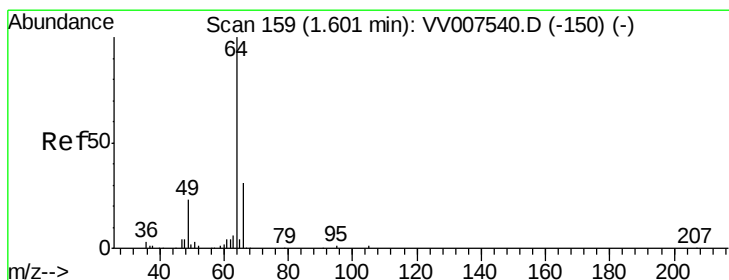
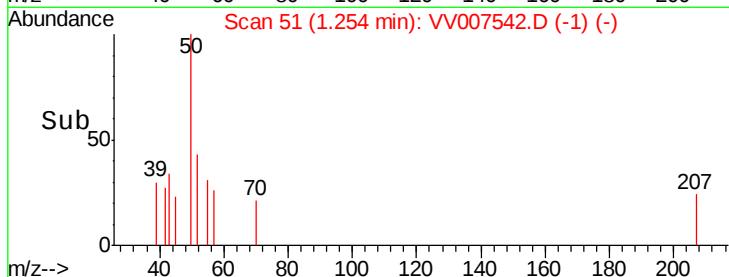
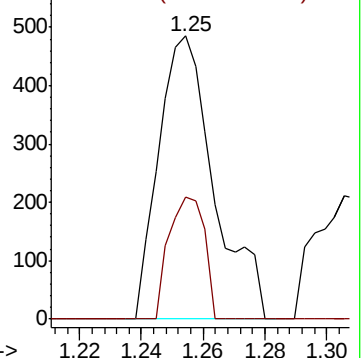
50 100

52 42.9 24.3 45.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.118 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV007542.D

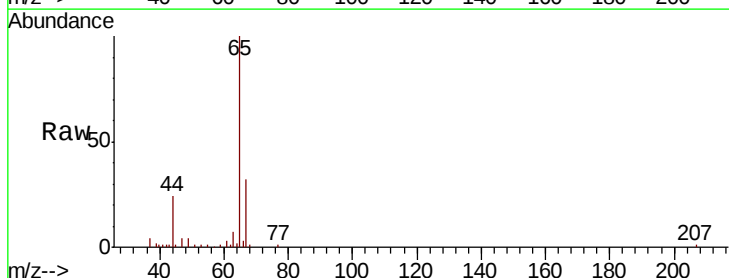
Acq: 14 Sep 2018 23:51

Tgt Ion: 64 Resp: 463

Ion Ratio Lower Upper

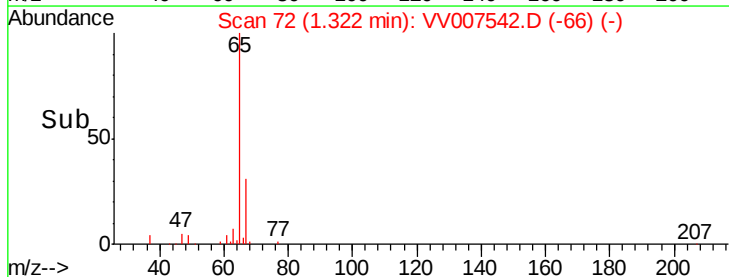
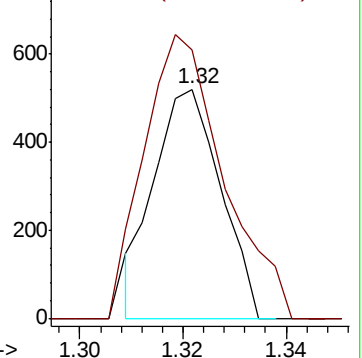
64 100

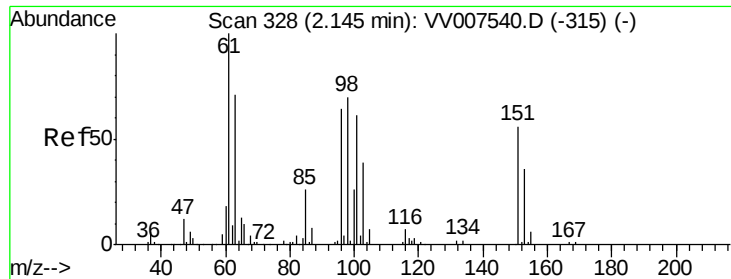
66 117.5 24.3 45.1#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

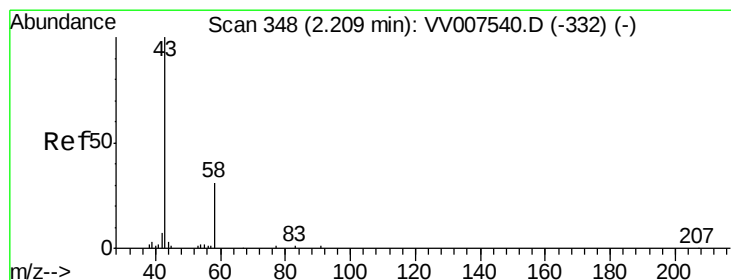
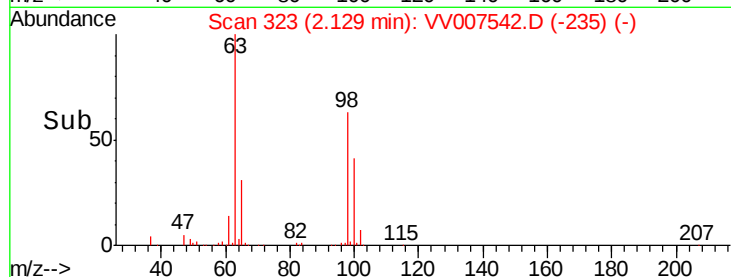
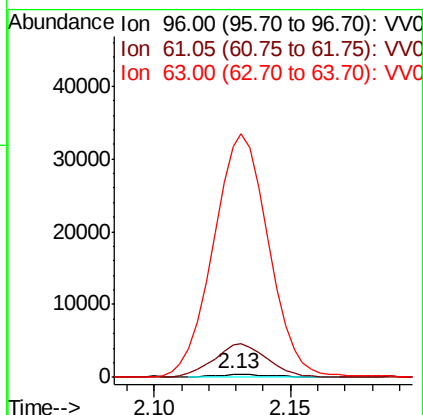
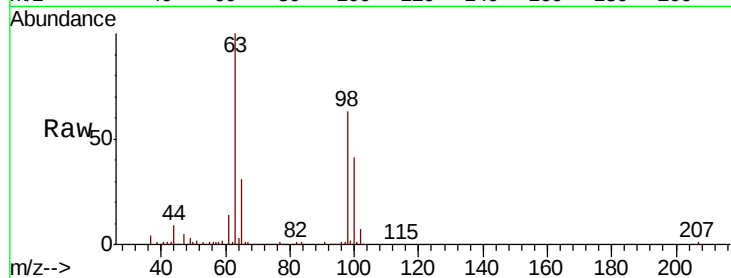




#12
 1,1-Dichloroethene
 Concen: 0.105 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.02 min
 Lab File: VV007542.D
 Acq: 14 Sep 2018 23:51

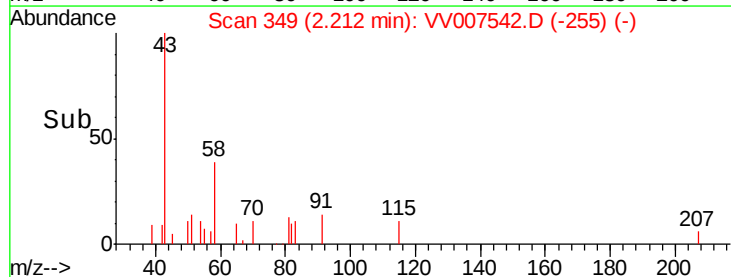
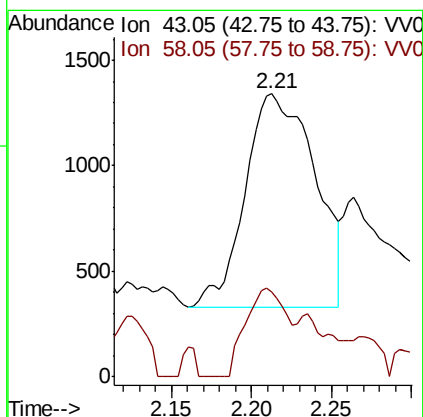
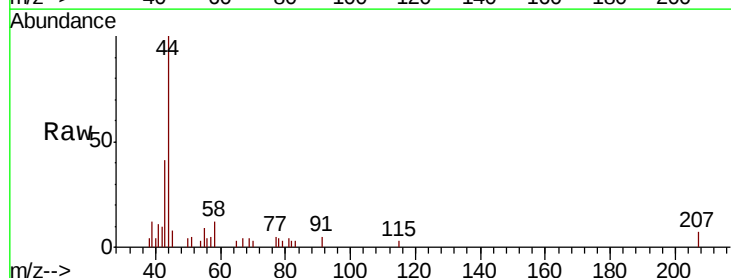
Instrument :
 MSVOA_V
 ClientSampled :
 C0KW4

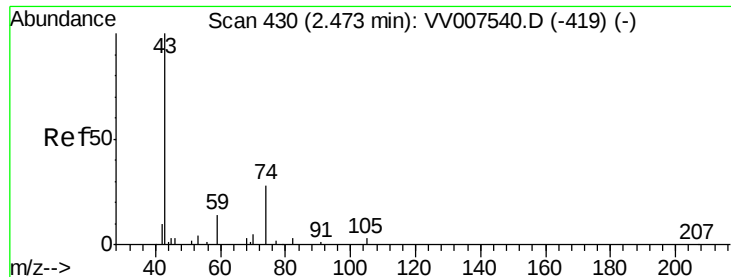
Tgt Ion: 96 Resp: 652
 Ion Ratio Lower Upper
 96 100
 61 1090.9 114.8 213.2#
 63 7782.4 81.8 151.8#



#13
 Acetone
 Concen: 5.214 ug/L
 RT: 2.21 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VV007542.D
 Acq: 14 Sep 2018 23:51

Tgt Ion: 43 Resp: 3045
 Ion Ratio Lower Upper
 43 100
 58 23.7 0.0 63.4

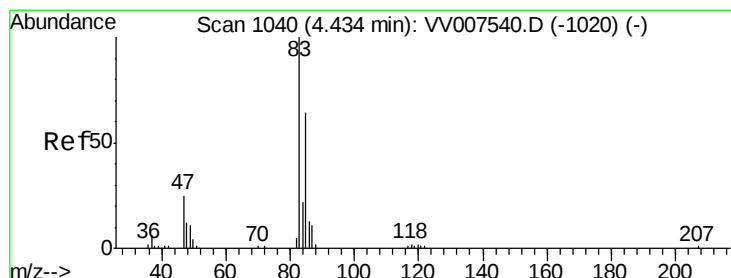
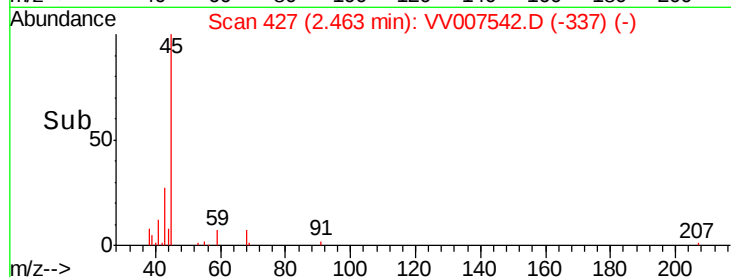
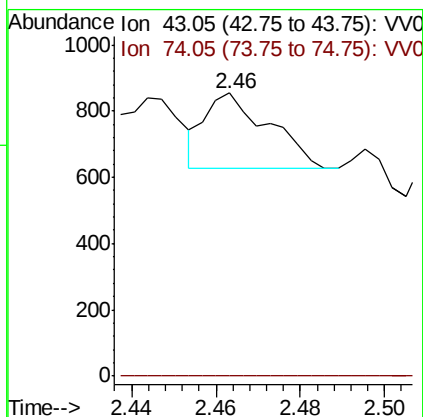
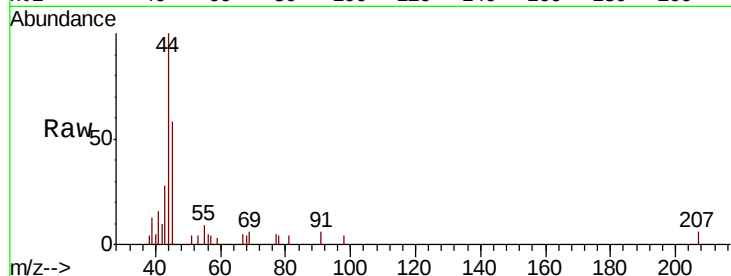




#15
Methyl Acetate
Concen: 0.148 ug/L
RT: 2.46 min Scan# 427
Delta R.T. -0.01 min
Lab File: VV007542.D
Acq: 14 Sep 2018 23:51

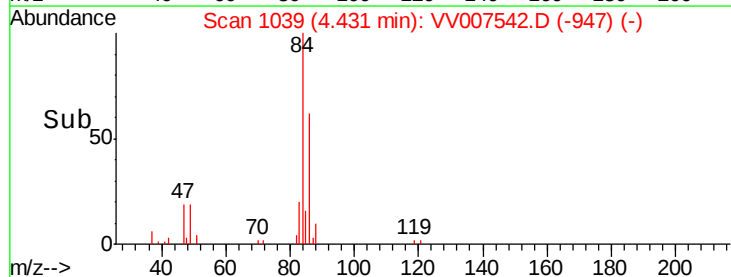
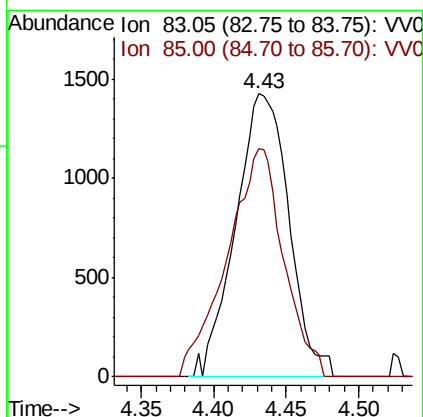
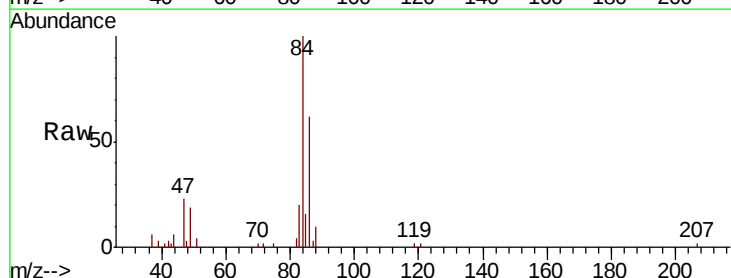
Instrument :
MSVOA_V
ClientSampleId :
C0KW4

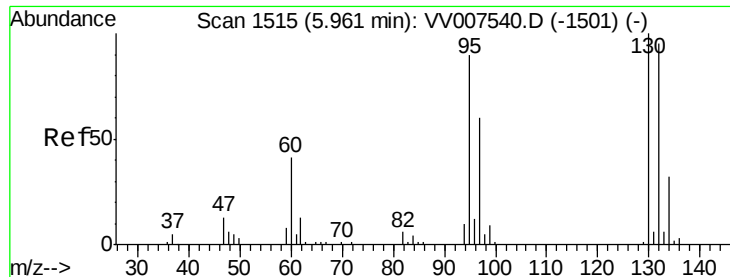
Tgt Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#25
Chloroform
Concen: 0.323 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV007542.D
Acq: 14 Sep 2018 23:51

Tgt Ion: 83 Resp: 3647
Ion Ratio Lower Upper
83 100
85 80.8 45.5 84.5

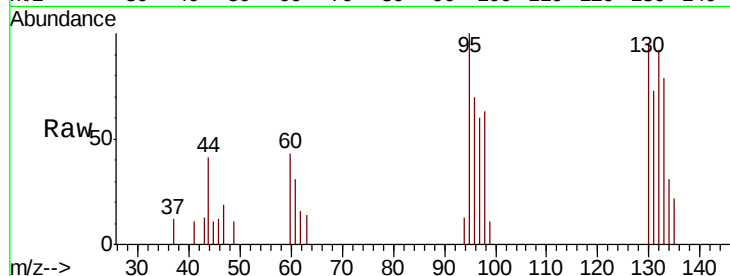




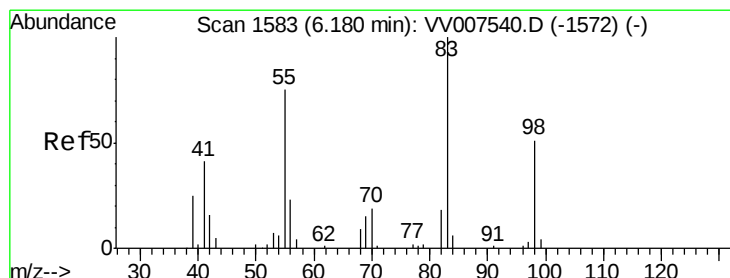
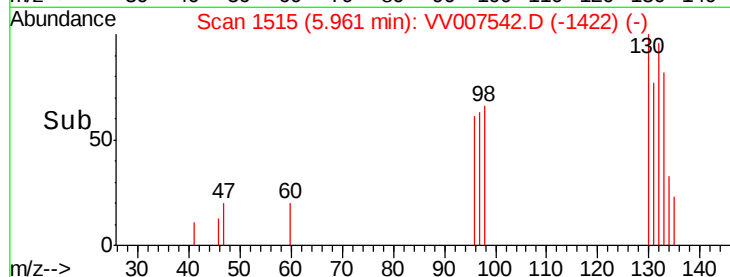
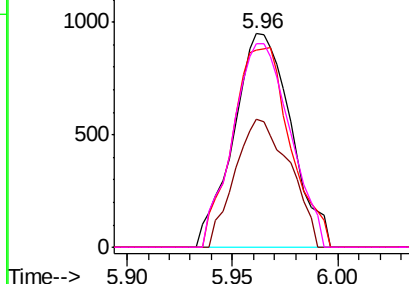
#34
 Trichloroethene
 Concen: 0.269 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV007542.D
 Acq: 14 Sep 2018 23:51

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KW4

Tgt Ion: 95 Resp: 1802
 Ion Ratio Lower Upper
 95 100
 97 59.7 45.5 84.5
 132 92.1 74.9 139.1
 130 95.5 80.0 148.6

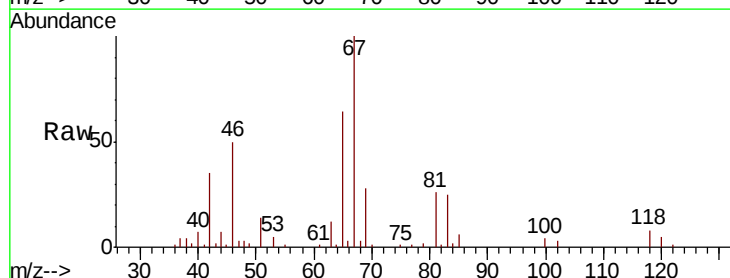


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

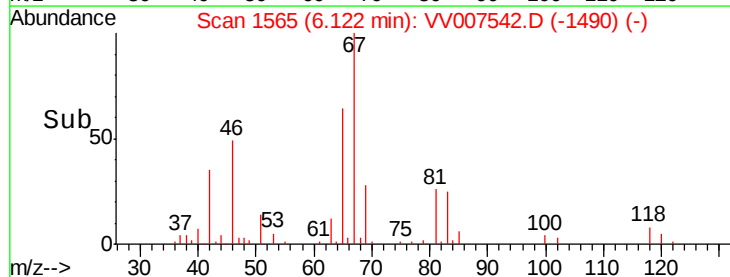
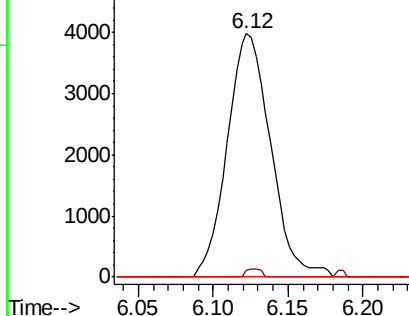


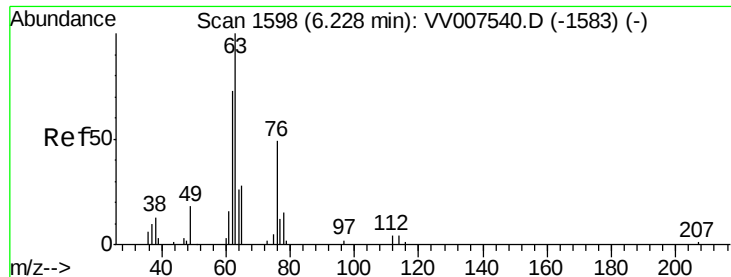
#35
 Methylcyclohexane
 Concen: 0.776 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: VV007542.D
 Acq: 14 Sep 2018 23:51

Tgt Ion: 83 Resp: 8033
 Ion Ratio Lower Upper
 83 100
 55 1.2 55.0 82.4#
 98 0.0 37.6 56.4#



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

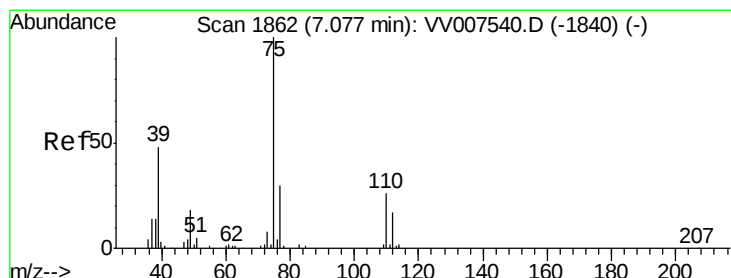
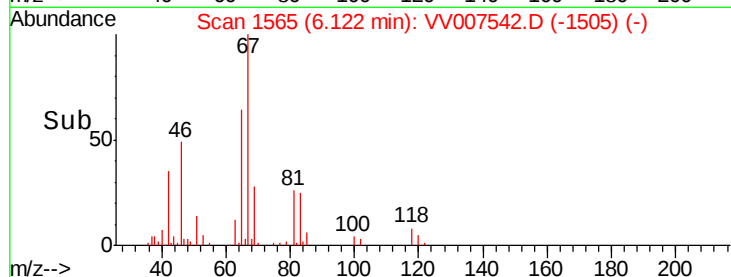
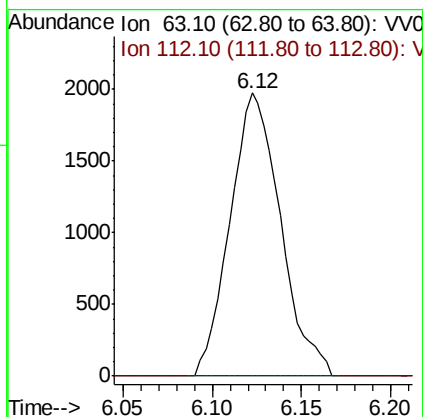
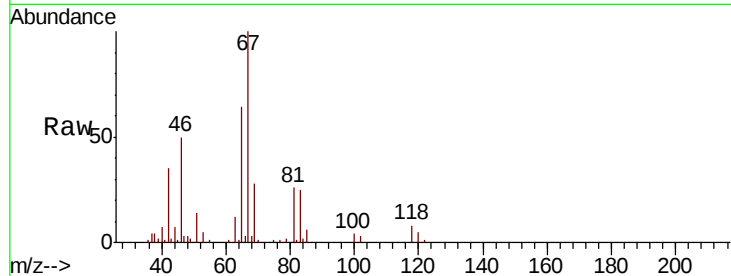




#37
 1,2-Dichloropropane
 Concen: 0.725 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.11 min
 Lab File: VV007542.D
 Acq: 14 Sep 2018 23:51

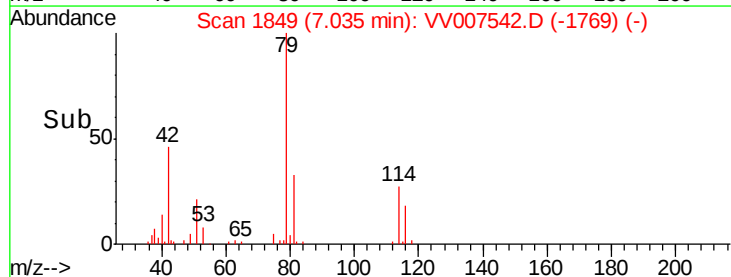
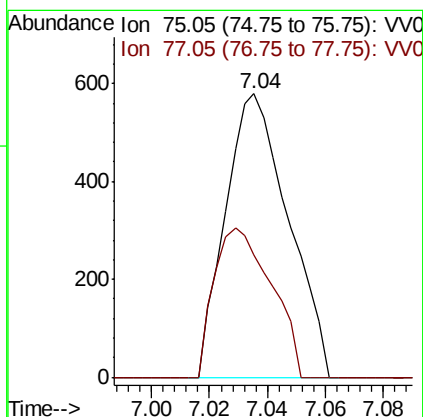
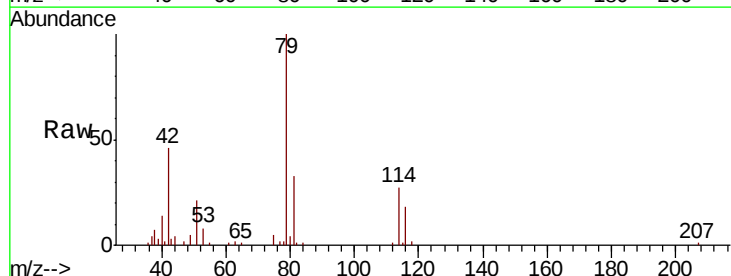
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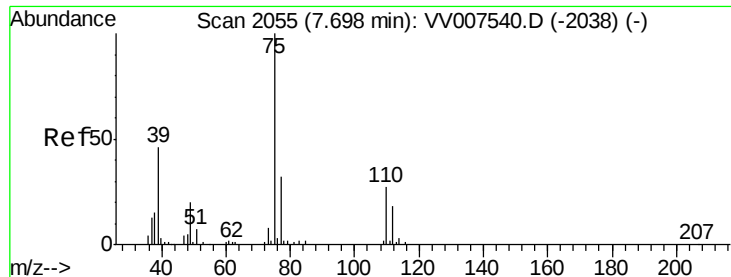
Tgt Ion: 63 Resp: 3903
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007542.D
 Acq: 14 Sep 2018 23:51

Tgt Ion: 75 Resp: 870
 Ion Ratio Lower Upper
 75 100
 77 43.4 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.03 min

Lab File: VV007542.D

Acq: 14 Sep 2018 23:51

Instrument :

MSVOA_V

ClientSampleId :

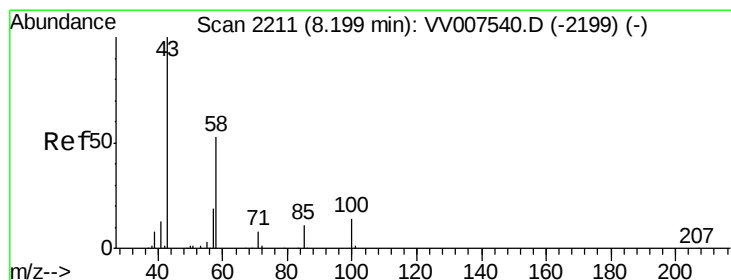
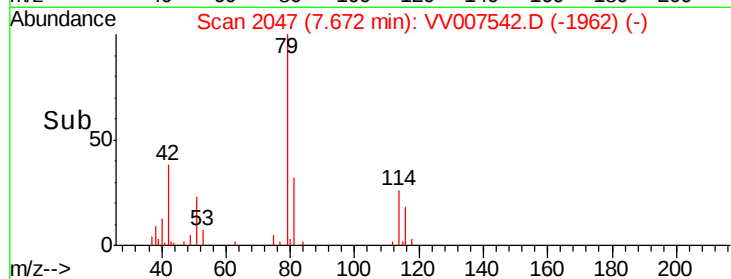
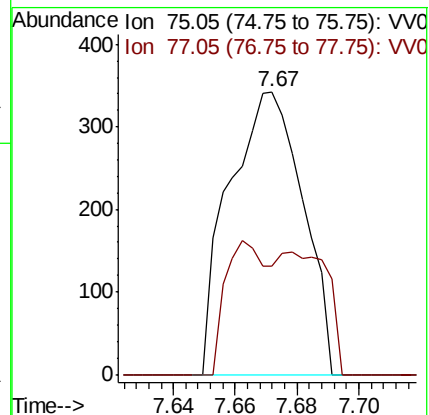
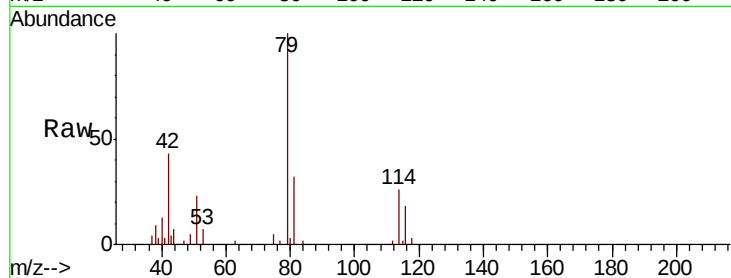
C0KW4

Tgt Ion: 75 Resp: 567

Ion Ratio Lower Upper

75 100

77 38.2 23.4 43.4



#48

2-Hexanone

Concen: 2.299 ug/L

RT: 8.20 min Scan# 2211

Delta R.T. 0.00 min

Lab File: VV007542.D

Acq: 14 Sep 2018 23:51

Tgt Ion: 43 Resp: 5187

Ion Ratio Lower Upper

43 100

58 39.6 49.8 74.6#

57 0.0 18.2 27.4#

100 7.6 11.0 16.4#

