

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
 Data File : VV007555.D
 Acq On : 15 Sep 2018 05:55
 Operator : SY/MD
 Sample : J4872-17
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KS5

Quant Time: Sep 15 06:33:36 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	113215	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94498	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41740	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23046	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.58	69	28497	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.00%
11) 1,1-Dichloroethene-d2	2.13	63	41034	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.97	46	55767	67.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.22%#
24) Chloroform-d	4.41	84	52293	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.09	65	27589	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.10	84	103044	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	31080	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	97532	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.67	79	10172	3.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.80%
46) 2-Hexanone-d5	8.15	63	32522	68.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.78%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19806	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	35050	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

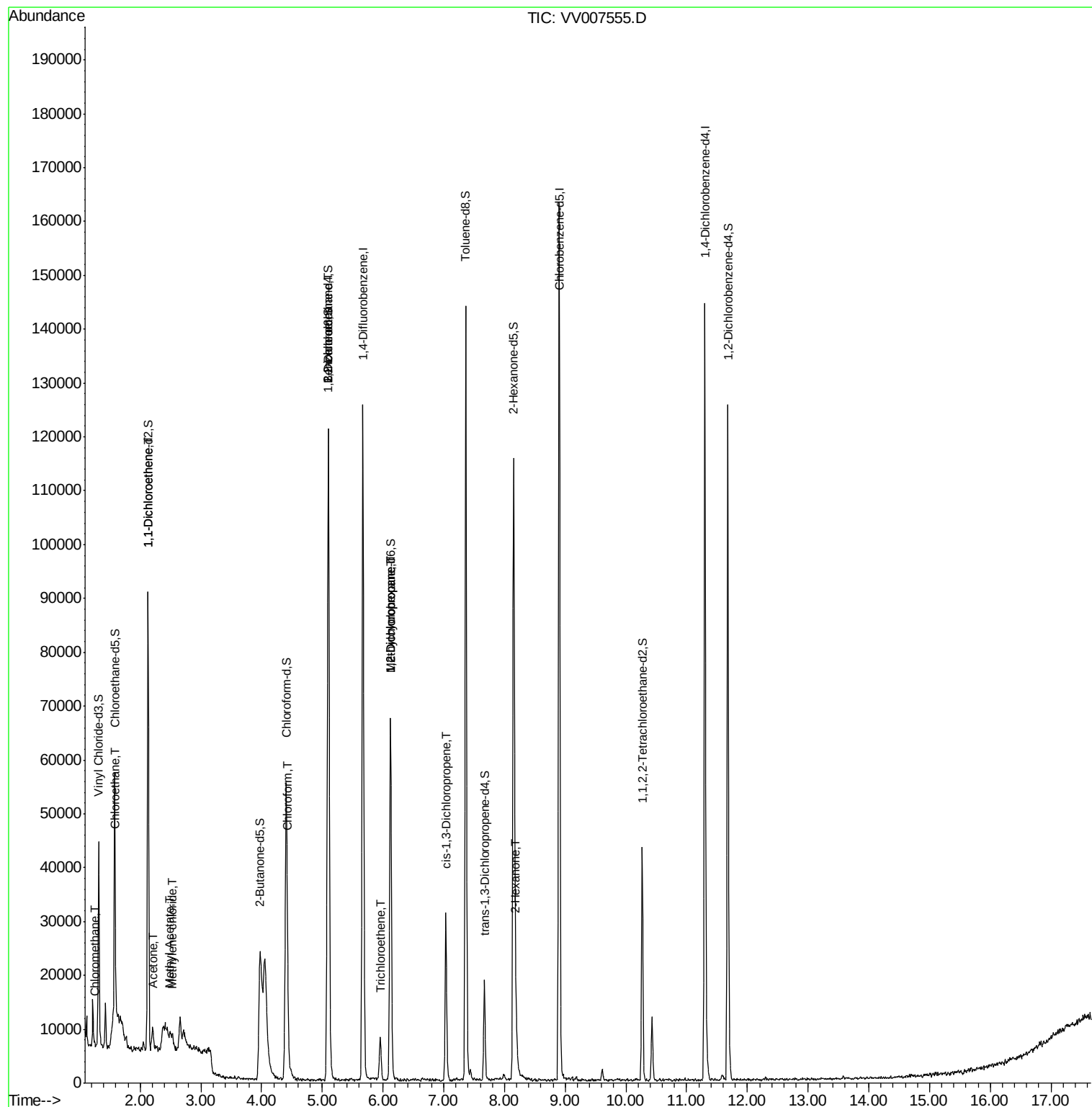
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.25	50	755	0.142	ug/L	95
8) Chloroethane	1.60	64	304	0.084	ug/L #	39
12) 1,1-Dichloroethene	2.13	96	633	0.110	ug/L #	1
13) Acetone	2.23	43	1828	3.393	ug/L	57
15) Methyl Acetate	2.48	43	224	0.152	ug/L #	43
16) Methylene chloride	2.54	84	939	0.151	ug/L	80
25) Chloroform	4.43	83	955	0.092	ug/L	95
27) 1,2-Dichloroethane	5.11	62	671	0.112	ug/L #	74
34) Trichloroethene	5.96	95	1173	0.196	ug/L	93
35) Methylcyclohexane	6.12	83	7811	0.845	ug/L #	22
37) 1,2-Dichloropropane	6.12	63	3625	0.754	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	832	0.109	ug/L #	72
48) 2-Hexanone	8.19	43	5506	2.732	ug/L #	35

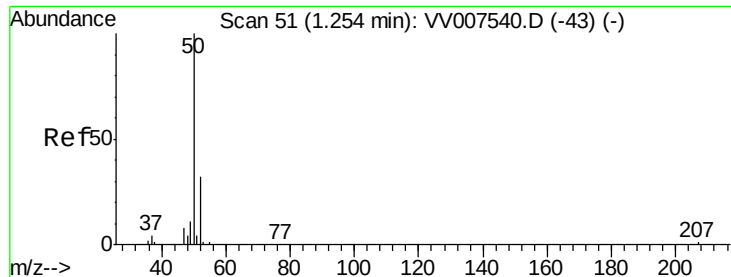
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

Chloromethane

Concen: 0.142 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV007555.D

Acq: 15 Sep 2018 05:55

Instrument :

MSVOA_V

ClientSampleId :

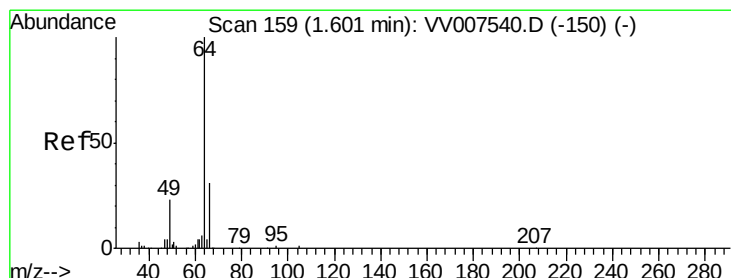
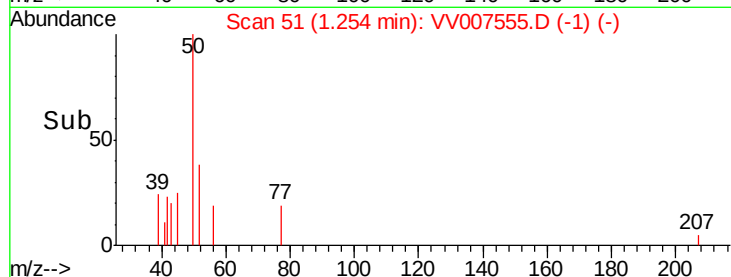
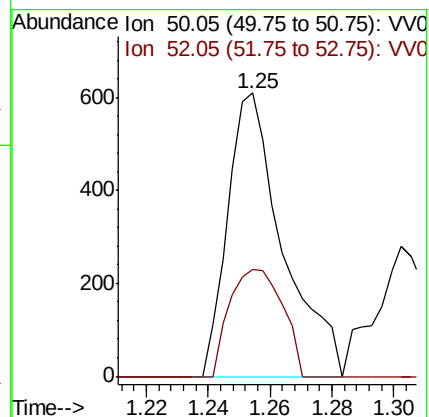
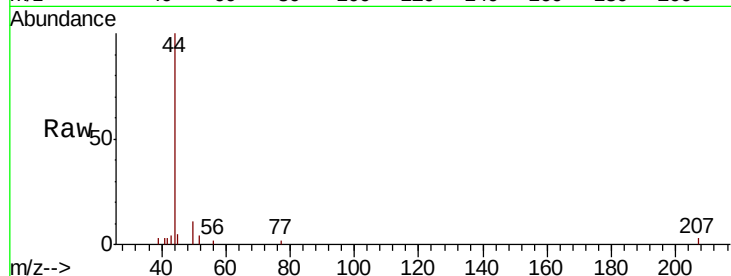
C0KS5

Tgt Ion: 50 Resp: 755

Ion Ratio Lower Upper

50 100

52 37.9 24.3 45.1



#8

Chloroethane

Concen: 0.084 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.00 min

Lab File: VV007555.D

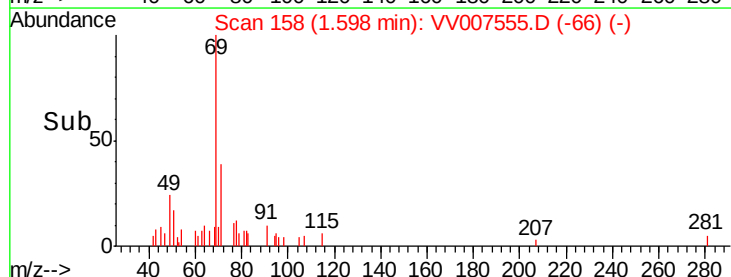
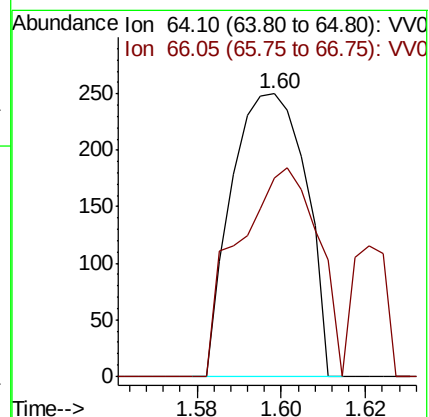
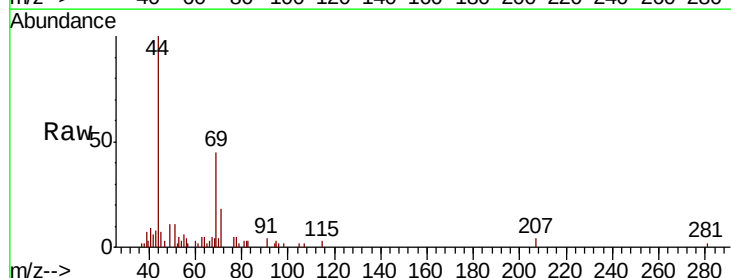
Acq: 15 Sep 2018 05:55

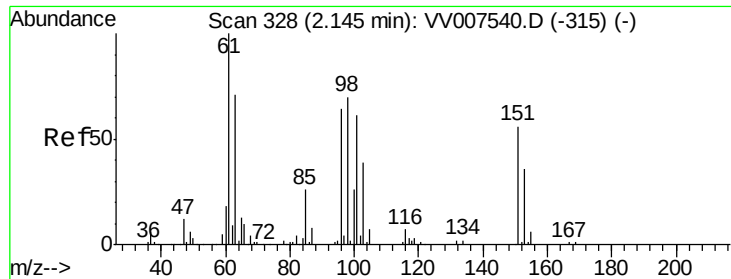
Tgt Ion: 64 Resp: 304

Ion Ratio Lower Upper

64 100

66 70.0 24.3 45.1#

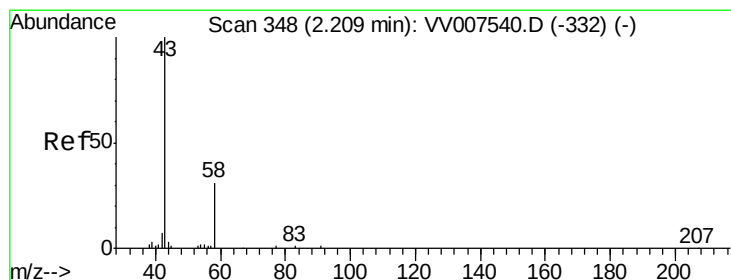
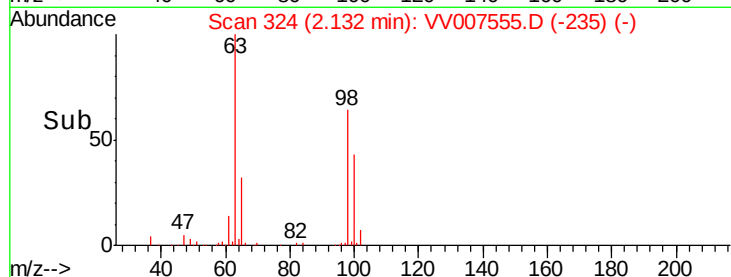
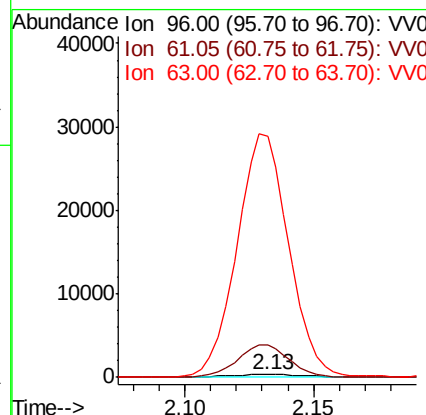
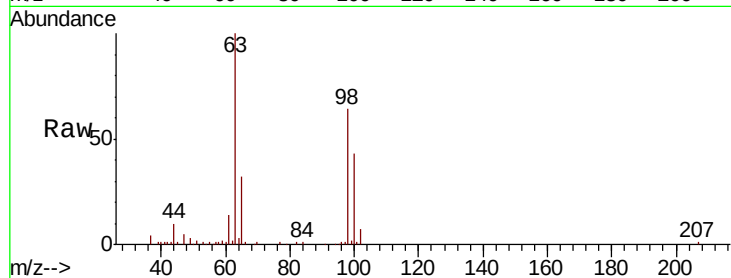




#12
 1,1-Dichloroethene
 Concen: 0.110 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV007555.D
 Acq: 15 Sep 2018 05:55

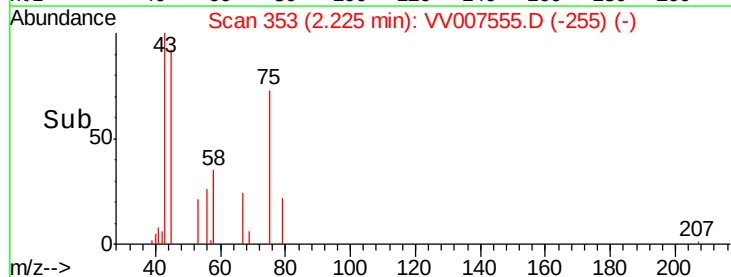
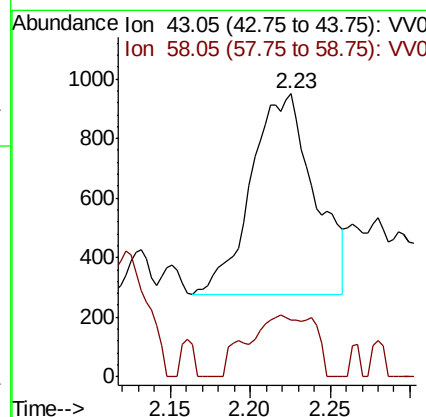
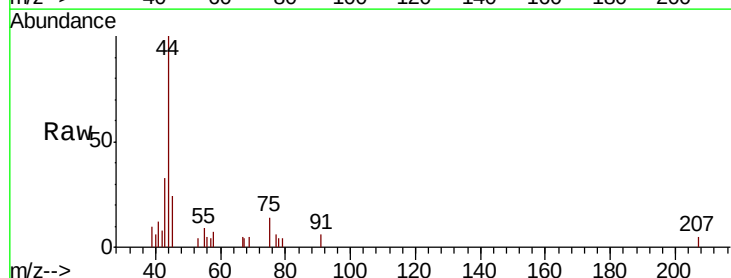
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KS5

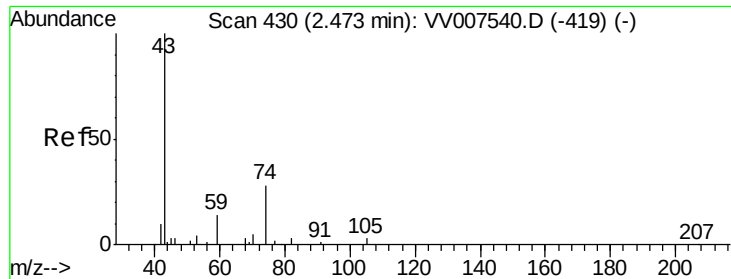
Tgt Ion: 96 Resp: 633
 Ion Ratio Lower Upper
 96 100
 61 1140.6 114.8 213.2#
 63 8361.7 81.8 151.8#



#13
 Acetone
 Concen: 3.393 ug/L
 RT: 2.23 min Scan# 353
 Delta R.T. 0.02 min
 Lab File: VV007555.D
 Acq: 15 Sep 2018 05:55

Tgt Ion: 43 Resp: 1828
 Ion Ratio Lower Upper
 43 100
 58 7.9 0.0 63.4

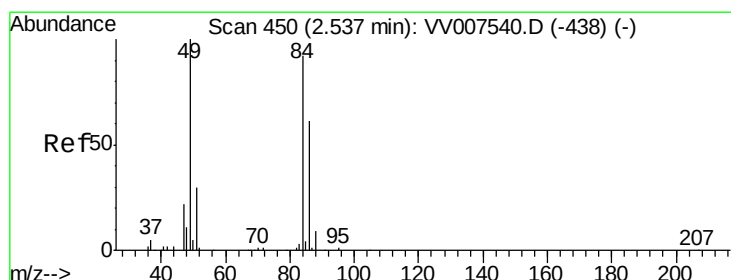
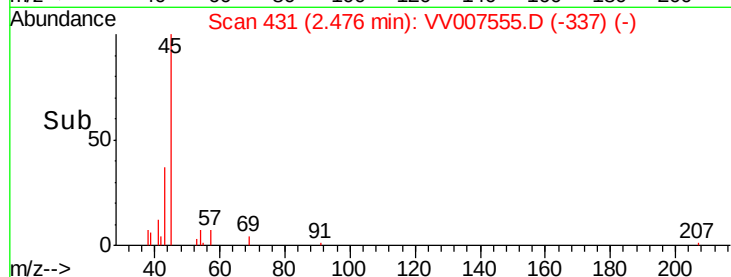
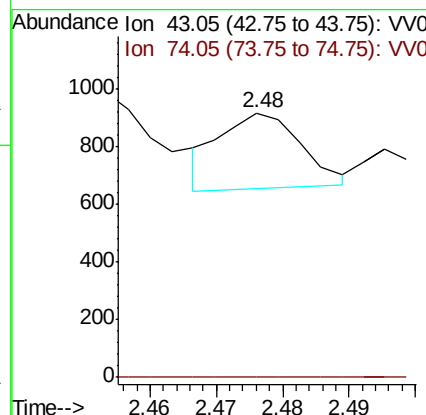
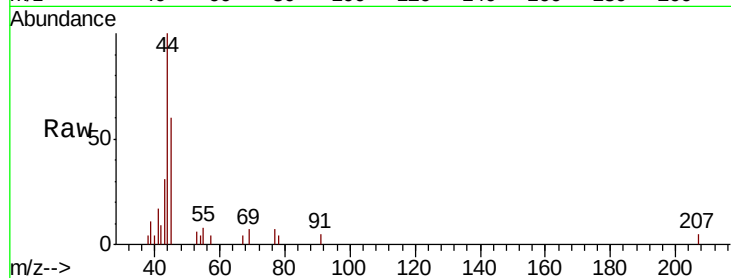




#15
Methyl Acetate
Concen: 0.152 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VV007555.D
Acq: 15 Sep 2018 05:55

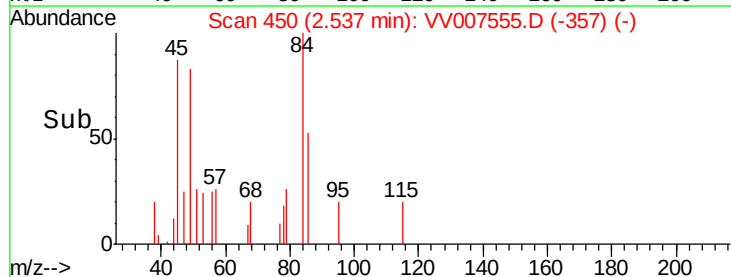
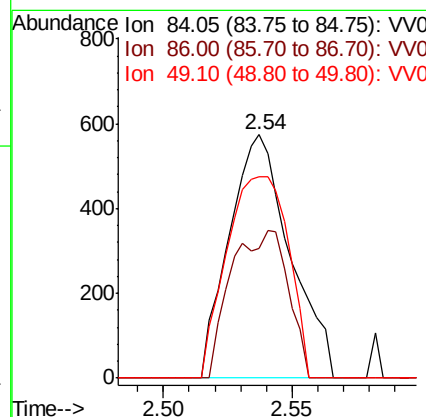
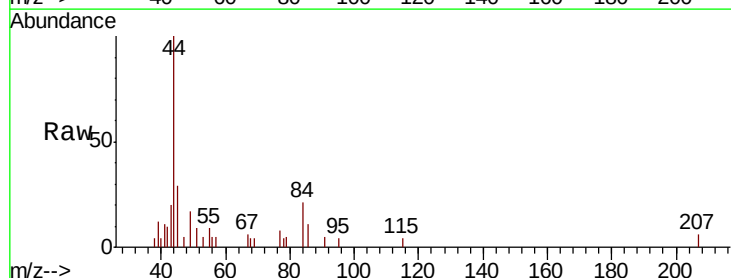
Instrument :
MSVOA_V
ClientSampled :
C0KS5

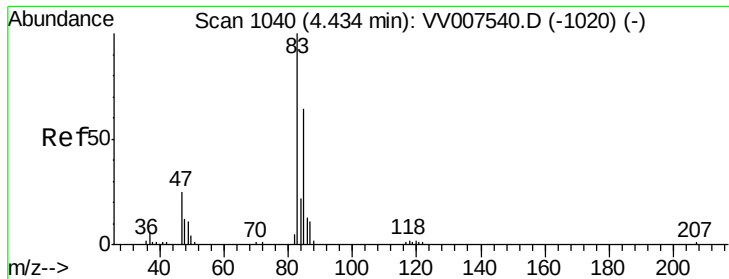
Tgt Ion: 43 Resp: 224
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#16
Methylene chloride
Concen: 0.151 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV007555.D
Acq: 15 Sep 2018 05:55

Tgt Ion: 84 Resp: 939
Ion Ratio Lower Upper
84 100
86 53.5 43.7 81.1
49 82.8 76.8 142.6

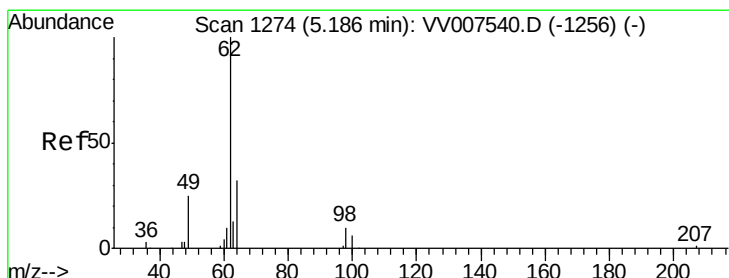
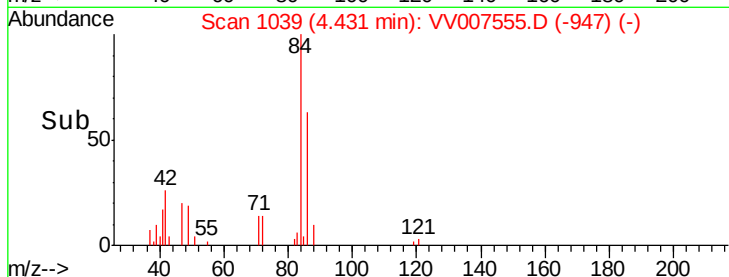
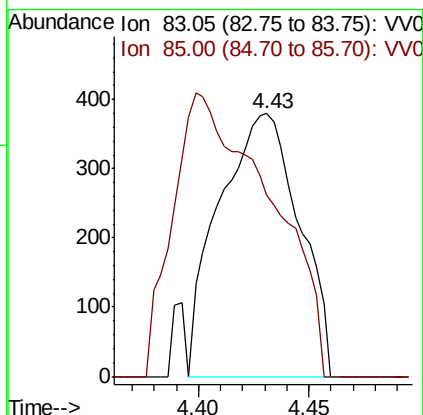
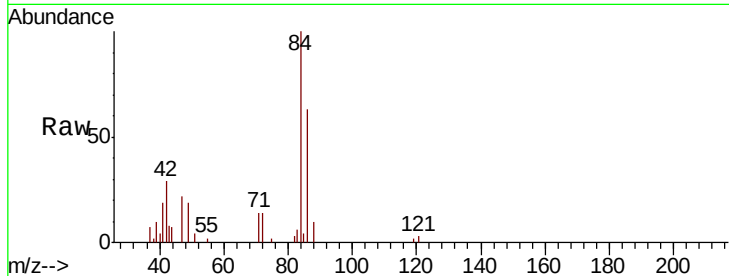




#25
Chloroform
Concen: 0.092 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV007555.D
Acq: 15 Sep 2018 05:55

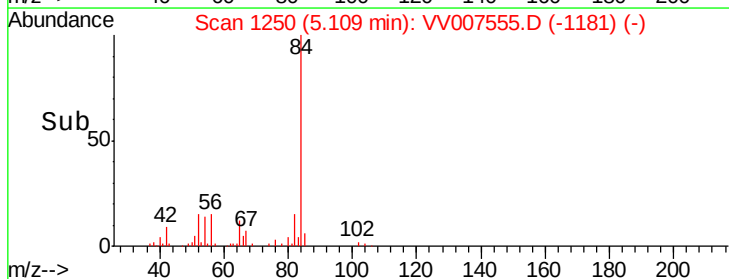
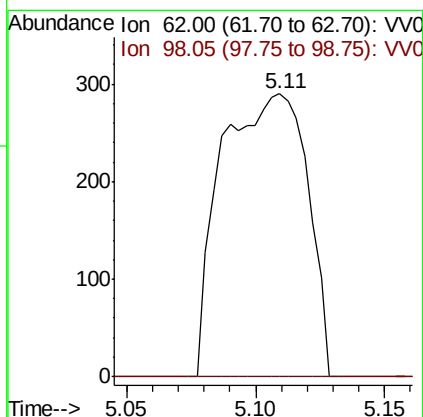
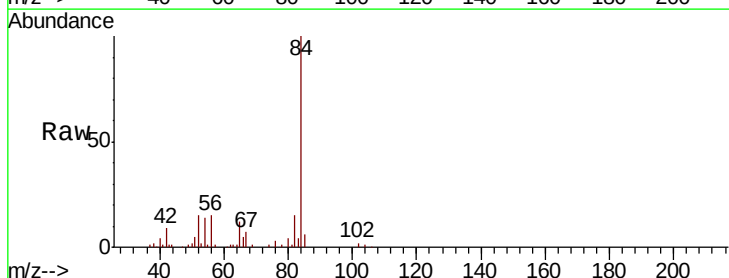
Instrument :
MSVOA_V
ClientSampleId :
C0KS5

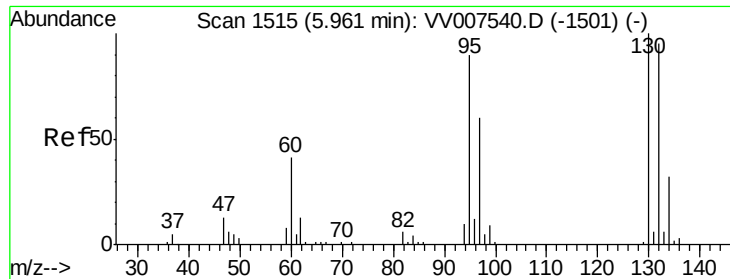
Tgt Ion: 83 Resp: 955
Ion Ratio Lower Upper
83 100
85 68.9 45.5 84.5



#27
1,2-Dichloroethane
Concen: 0.112 ug/L
RT: 5.11 min Scan# 1250
Delta R.T. -0.08 min
Lab File: VV007555.D
Acq: 15 Sep 2018 05:55

Tgt Ion: 62 Resp: 671
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#





#34

Trichloroethene

Concen: 0.196 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007555.D

Acq: 15 Sep 2018 05:55

Instrument :

MSVOA_V

ClientSampleId :

C0KS5

Tgt Ion: 95 Resp: 1173

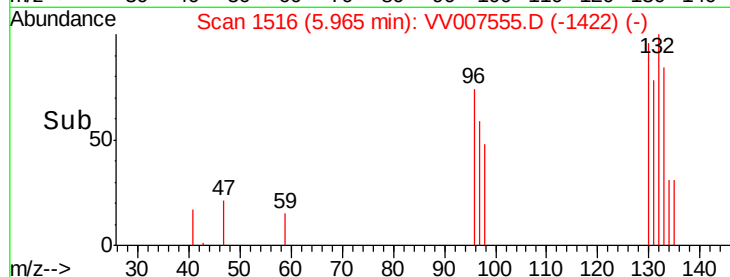
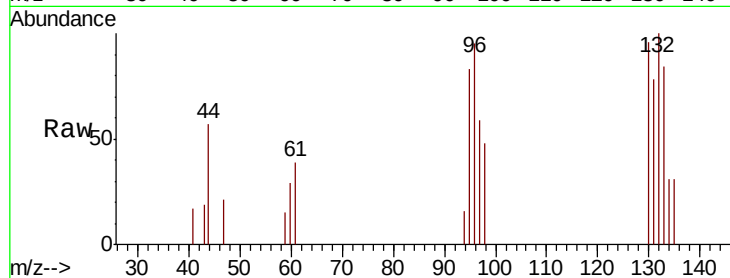
Ion Ratio Lower Upper

95 100

97 71.0 45.5 84.5

132 119.9 74.9 139.1

130 115.1 80.0 148.6

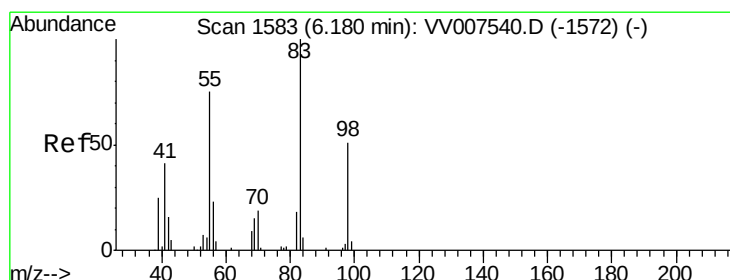
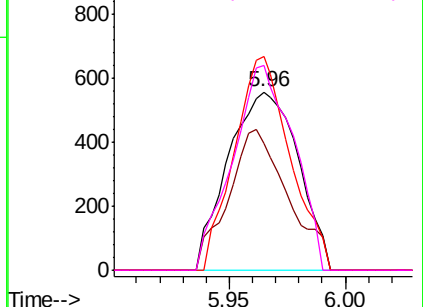


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.845 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007555.D

Acq: 15 Sep 2018 05:55

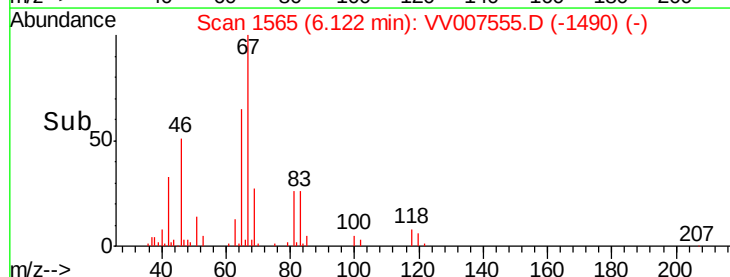
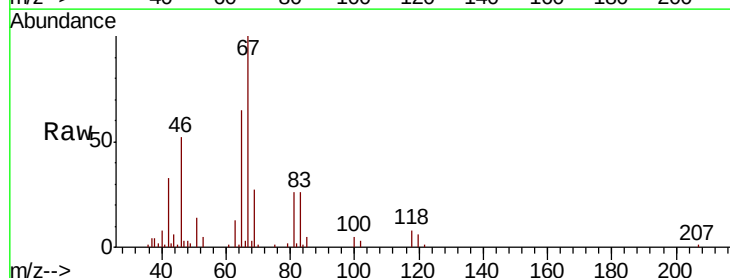
Tgt Ion: 83 Resp: 7811

Ion Ratio Lower Upper

83 100

55 0.8 55.0 82.4#

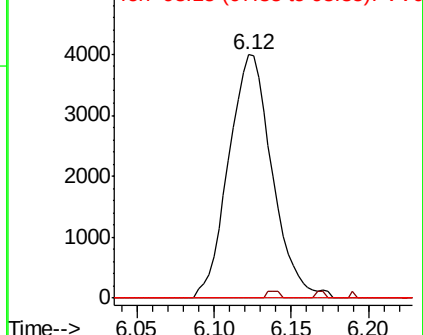
98 0.0 37.6 56.4#

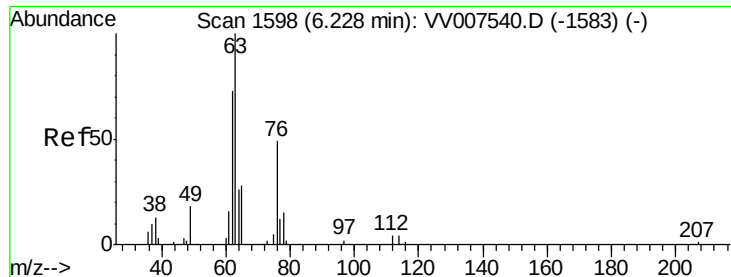


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

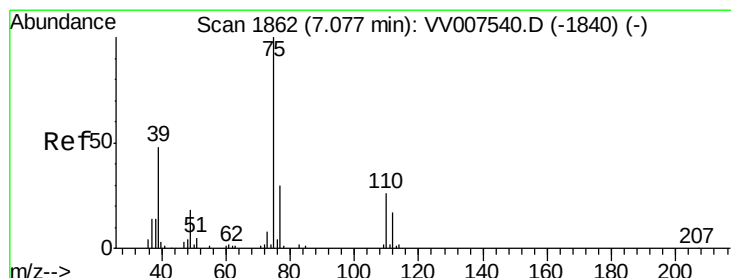
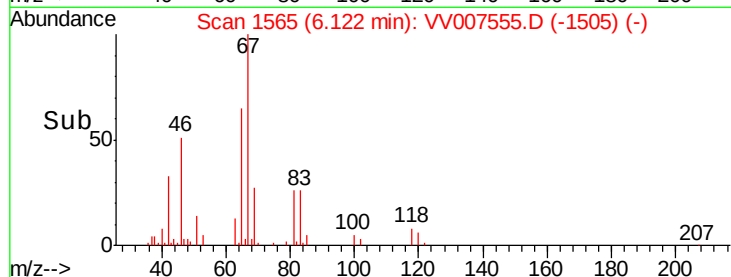
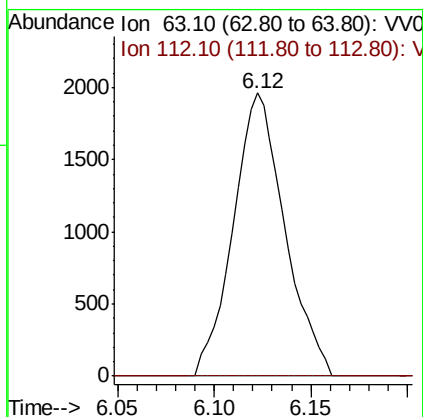
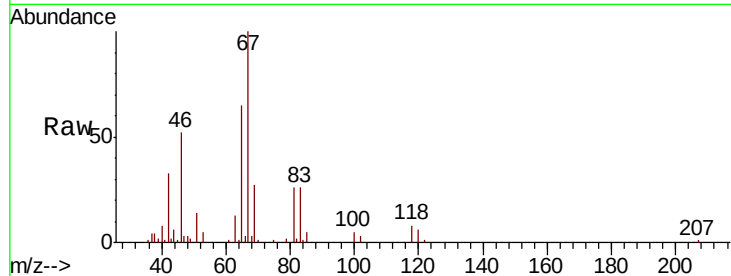




#37
 1,2-Dichloropropane
 Concen: 0.754 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.11 min
 Lab File: VV007555.D
 Acq: 15 Sep 2018 05:55

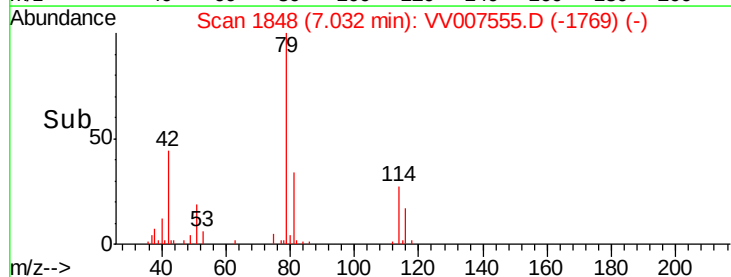
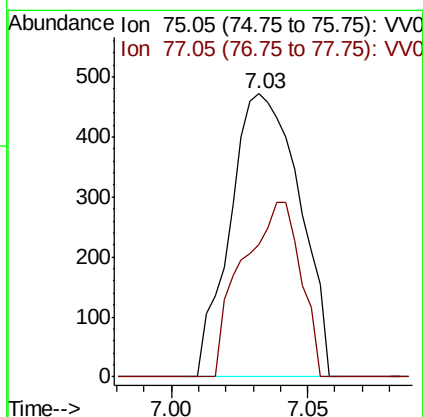
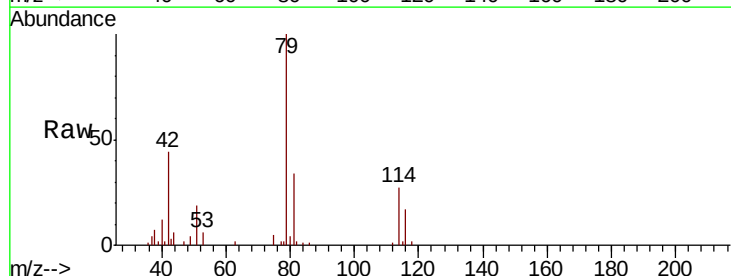
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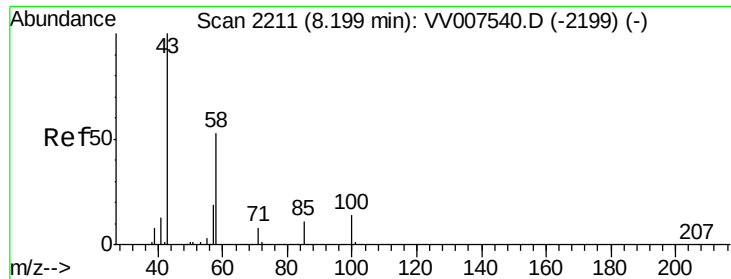
Tgt Ion: 63 Resp: 3625
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007555.D
 Acq: 15 Sep 2018 05:55

Tgt Ion: 75 Resp: 832
 Ion Ratio Lower Upper
 75 100
 77 46.8 22.0 41.0#





#48

2-Hexanone

Concen: 2.732 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VV007555.D

Acq: 15 Sep 2018 05:55

Instrument :

MSVOA_V

ClientSampleId :

C0KS5

Tgt Ion: 43 Resp: 5506

Ion Ratio Lower Upper

43 100

58 0.0 49.8 74.6#

57 0.0 18.2 27.4#

100 3.1 11.0 16.4#

