

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
 Data File : VV007552.D
 Acq On : 15 Sep 2018 04:31
 Operator : SY/MD
 Sample : J4872-14
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KR6

Quant Time: Sep 15 06:33:13 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	118885	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	103925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46045	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24217	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.58	69	24802	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	44329	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.97	46	38380	44.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.62%
24) Chloroform-d	4.41	84	51553	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	5.09	65	27163	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.10	84	104475	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.13	67	31115	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	102742	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.67	79	10658	3.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.60%
46) 2-Hexanone-d5	8.15	63	30291	58.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.70%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20603	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	39215	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

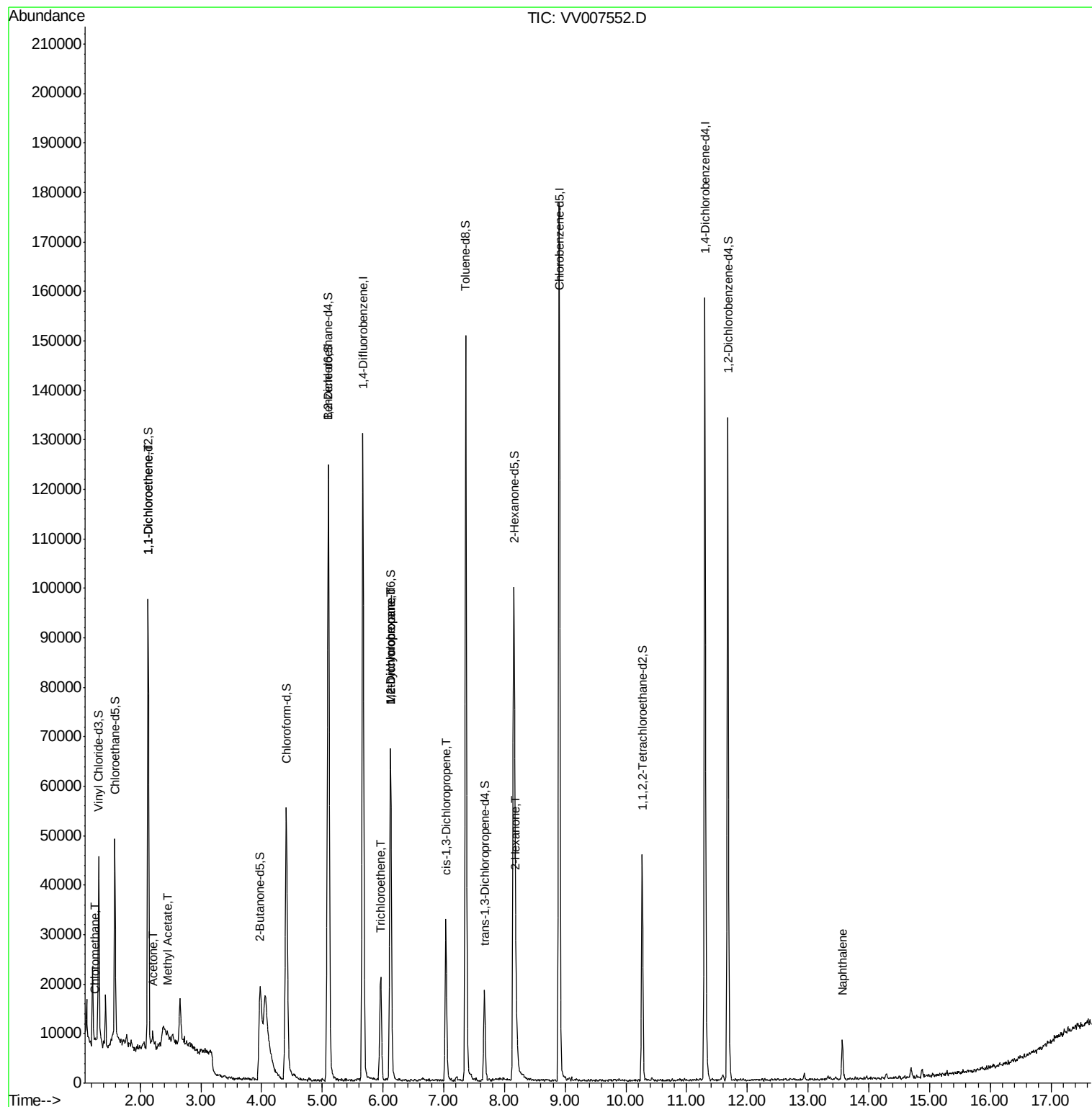
					Qvalue
3) Chloromethane	1.25	50	502	0.090 ug/L	83
12) 1,1-Dichloroethene	2.14	96	721	0.119 ug/L #	1
13) Acetone	2.21	43	3518	6.219 ug/L	93
15) Methyl Acetate	2.45	43	442	0.285 ug/L #	43
34) Trichloroethene	5.96	95	5826	0.885 ug/L	98
35) Methylcyclohexane	6.12	83	7870	0.774 ug/L #	22
37) 1,2-Dichloropropane	6.12	63	3686	0.697 ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	863	0.103 ug/L #	65
48) 2-Hexanone	8.19	43	5341	2.409 ug/L #	45
69) Naphthalene	13.56	128	6923	0.875 ug/L	98

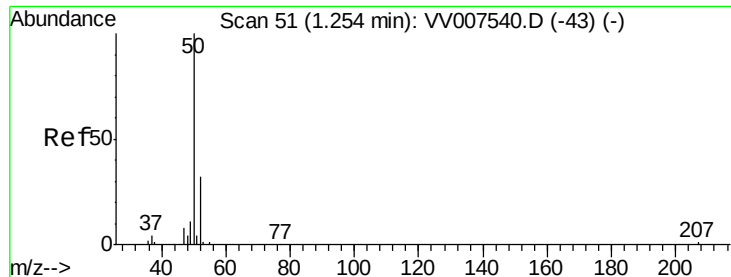
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.090 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV007552.D

Acq: 15 Sep 2018 04:31

Instrument :

MSVOA_V

ClientSampleId :

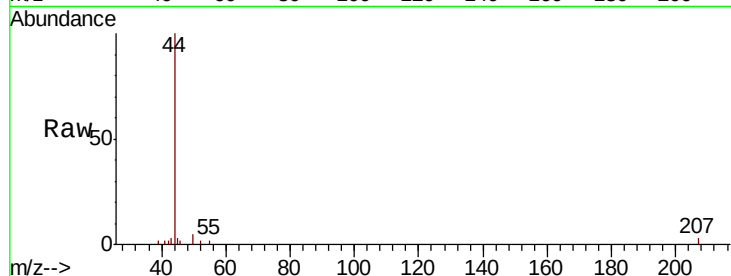
C0KR6

Tgt Ion: 50 Resp: 502

Ion Ratio Lower Upper

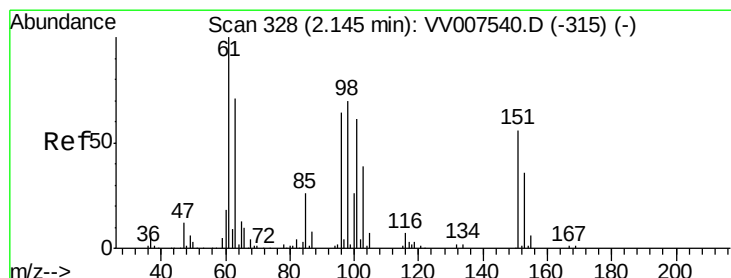
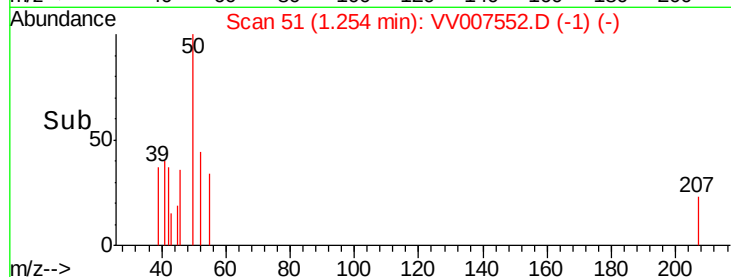
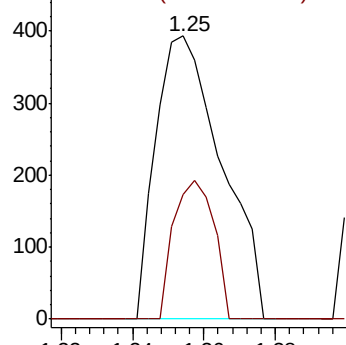
50 100

52 44.3 24.3 45.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.119 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007552.D

Acq: 15 Sep 2018 04:31

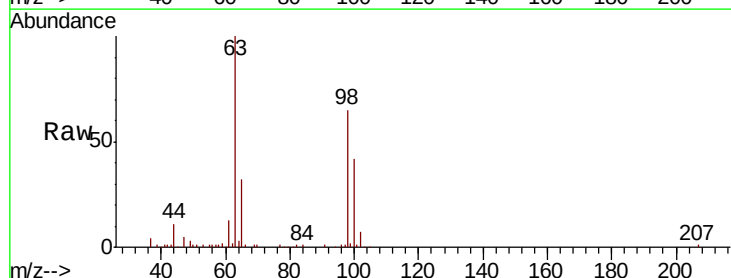
Tgt Ion: 96 Resp: 721

Ion Ratio Lower Upper

96 100

61 985.4 114.8 213.2#

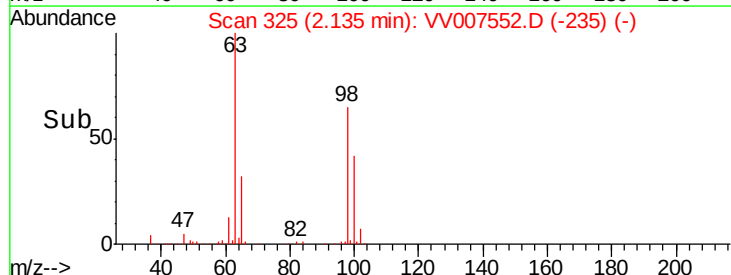
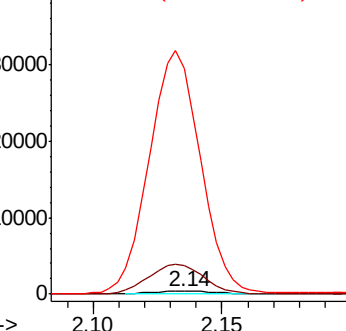
63 7693.0 81.8 151.8#

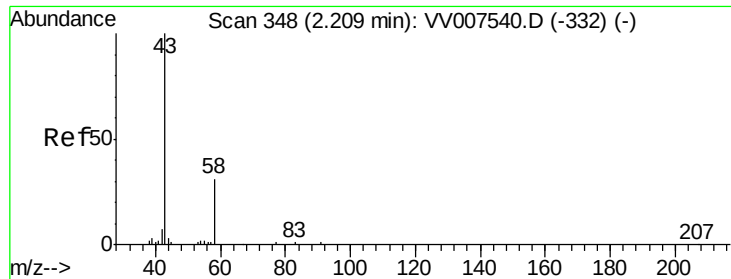


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 6.219 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV007552.D

Acq: 15 Sep 2018 04:31

Instrument :

MSVOA_V

ClientSampled :

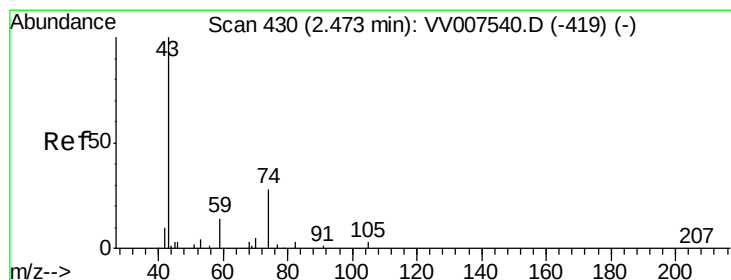
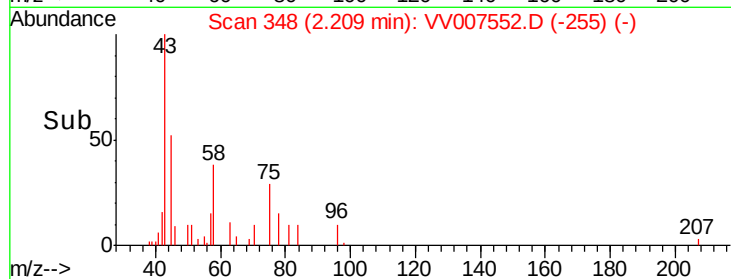
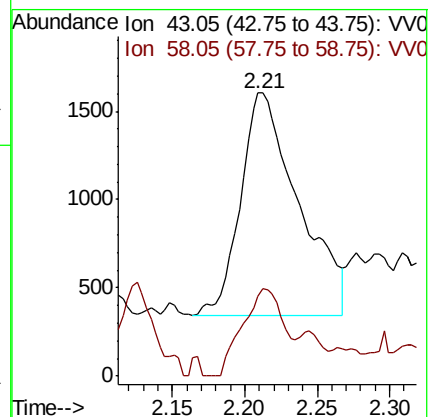
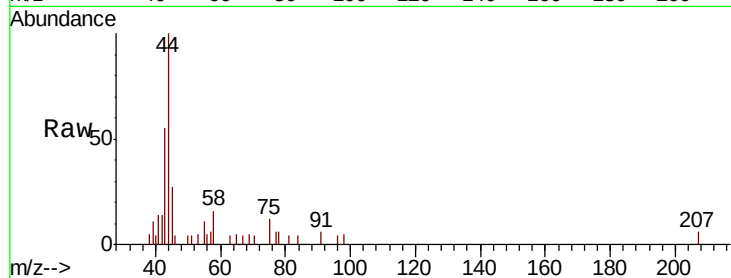
C0KR6

Tgt Ion: 43 Resp: 3518

Ion Ratio Lower Upper

43 100

58 28.1 0.0 63.4



#15

Methyl Acetate

Concen: 0.285 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.02 min

Lab File: VV007552.D

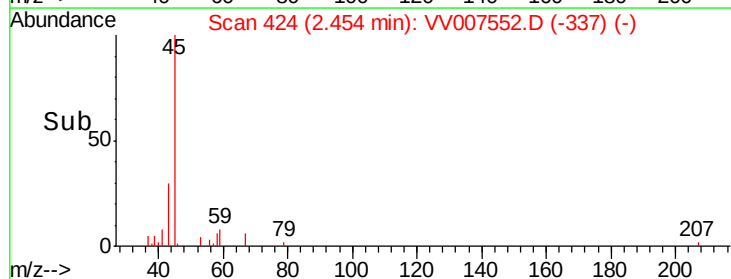
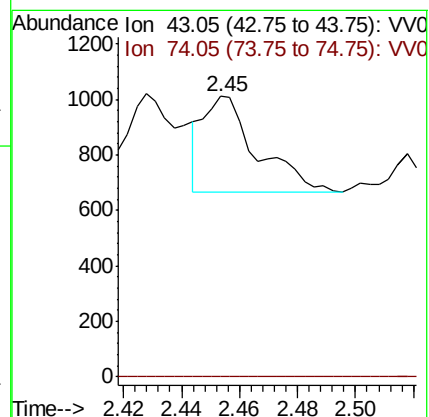
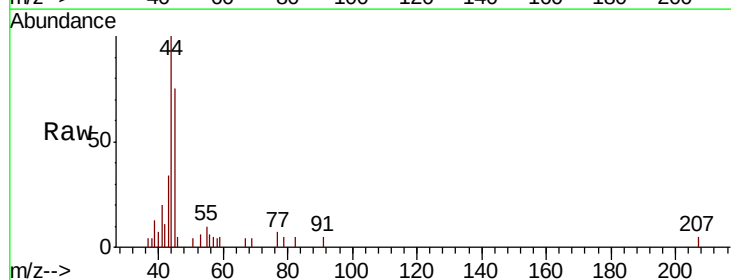
Acq: 15 Sep 2018 04:31

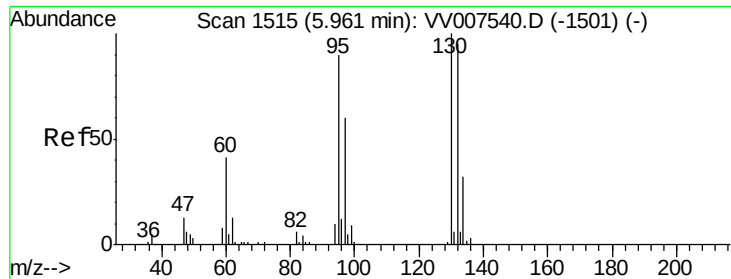
Tgt Ion: 43 Resp: 442

Ion Ratio Lower Upper

43 100

74 0.0 25.4 38.2#

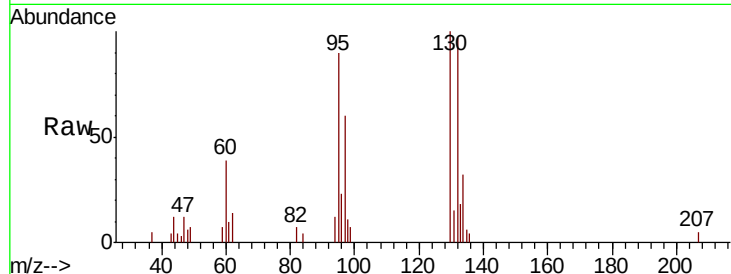




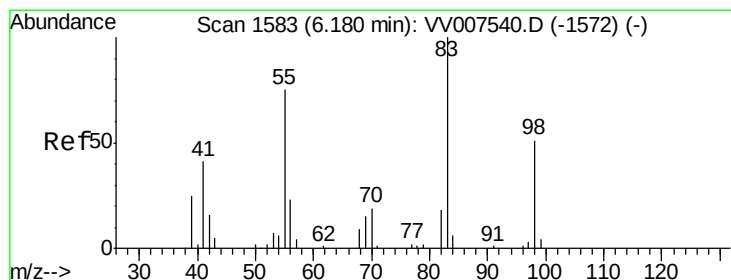
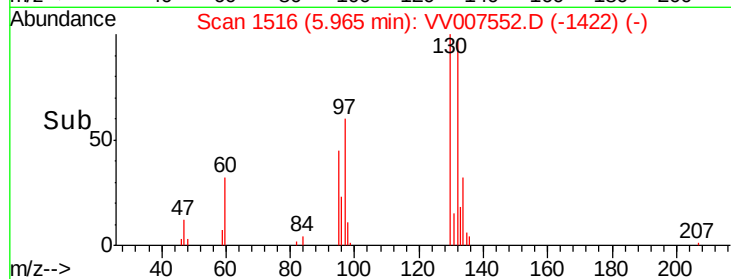
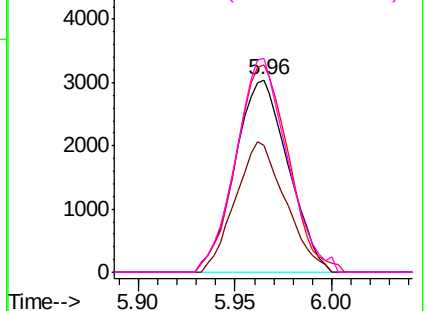
#34
 Trichloroethene
 Concen: 0.885 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007552.D
 Acq: 15 Sep 2018 04:31

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KR6

Tgt Ion:	95	Resp:	5826
Ion	Ratio	Lower	Upper
95	100		
97	66.2	45.5	84.5
132	107.5	74.9	139.1
130	111.0	80.0	148.6

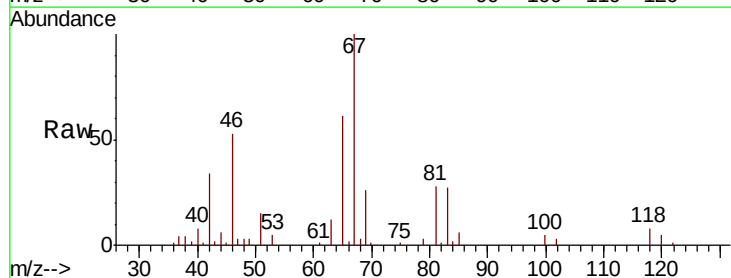


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

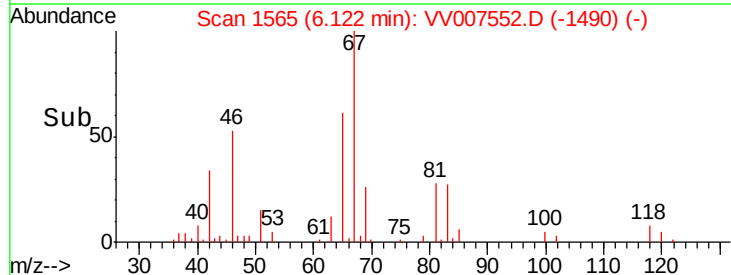
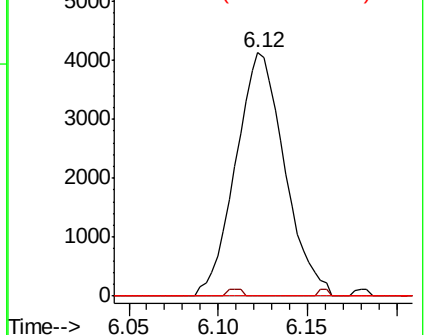


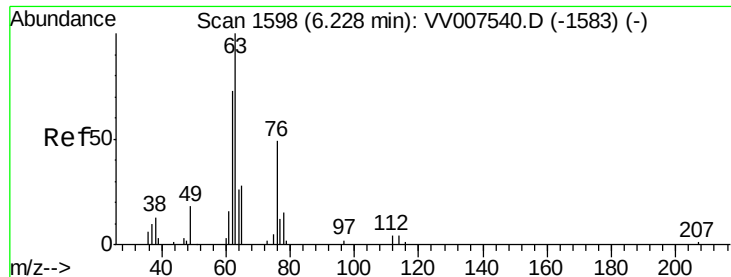
#35
 Methylcyclohexane
 Concen: 0.774 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: VV007552.D
 Acq: 15 Sep 2018 04:31

Tgt Ion:	83	Resp:	7870
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

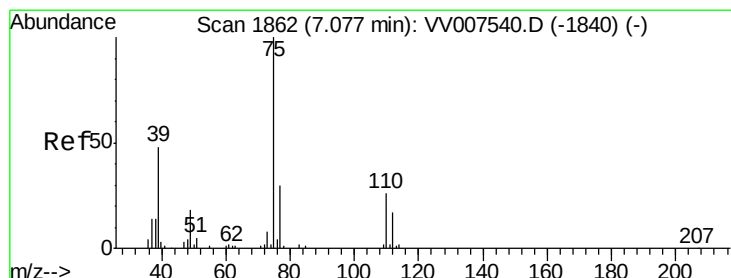
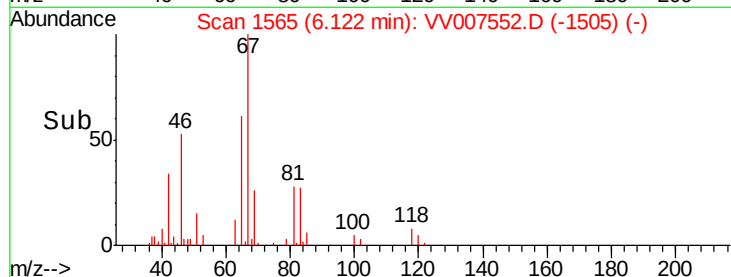
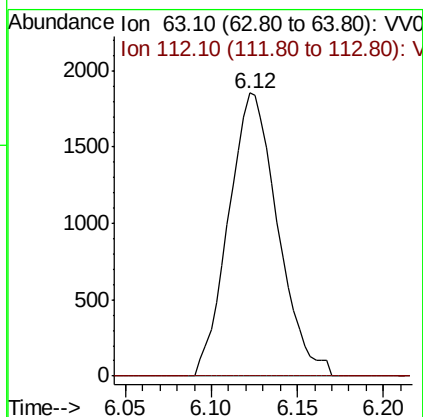
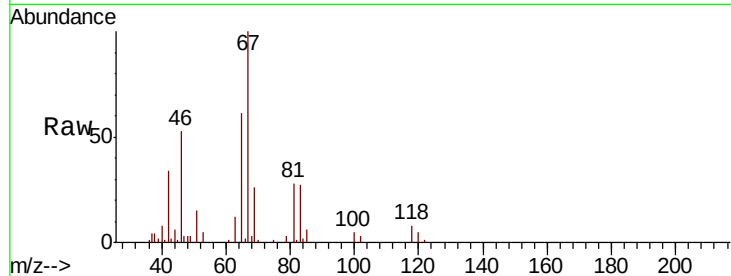




#37
 1,2-Dichloropropane
 Concen: 0.697 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.11 min
 Lab File: VV007552.D
 Acq: 15 Sep 2018 04:31

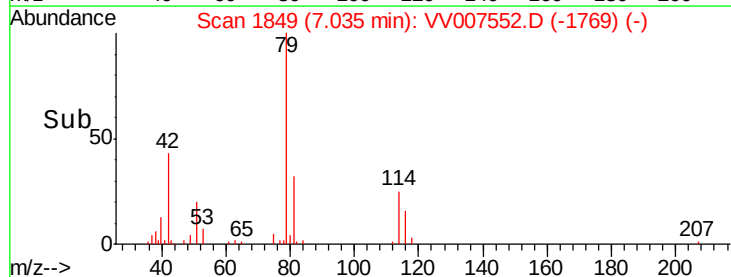
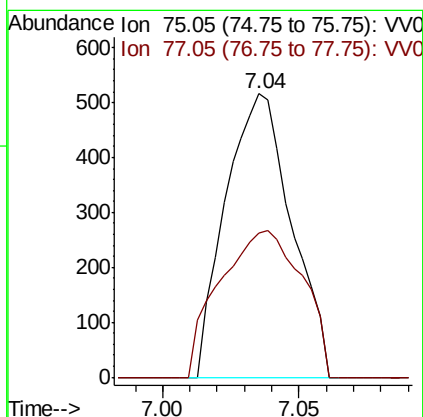
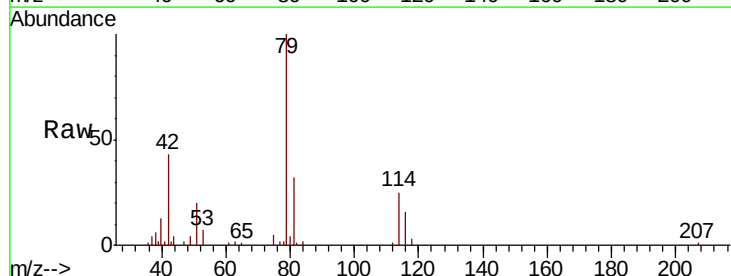
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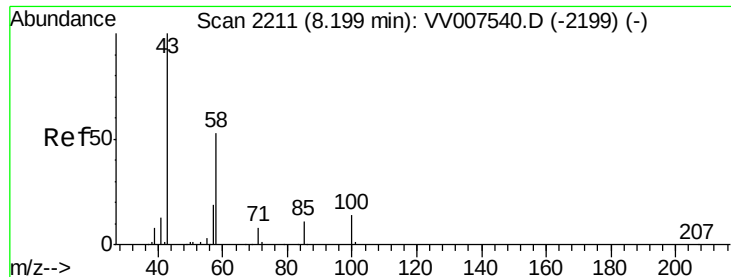
Tgt Ion: 63 Resp: 3686
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007552.D
 Acq: 15 Sep 2018 04:31

Tgt Ion: 75 Resp: 863
 Ion Ratio Lower Upper
 75 100
 77 50.8 22.0 41.0#

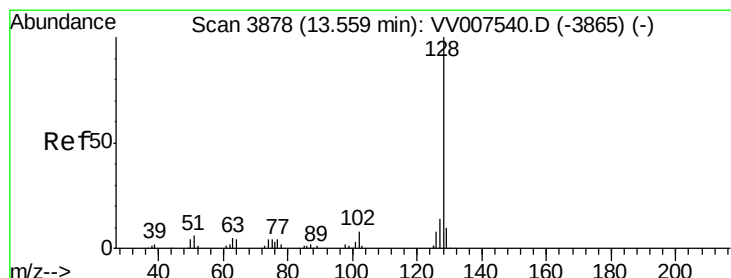
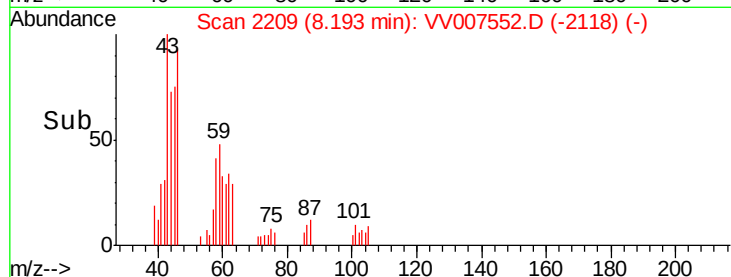
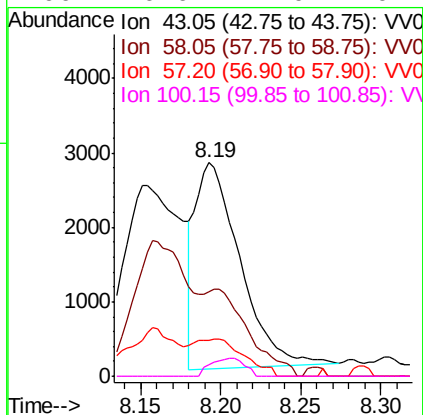
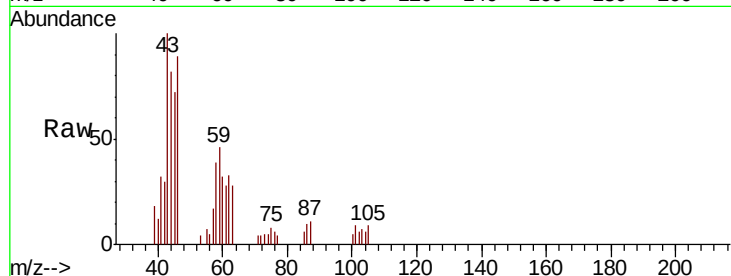




#48
2-Hexanone
Concen: 2.409 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VV007552.D
Acq: 15 Sep 2018 04:31

Instrument :
MSVOA_V
ClientSampleId :
C0KR6

Tgt Ion: 43 Resp: 5341
Ion Ratio Lower Upper
43 100
58 0.0 49.8 74.6#
57 19.6 18.2 27.4
100 6.6 11.0 16.4#



#69
Naphthalene
Concen: 0.875 ug/L
RT: 13.56 min Scan# 3879
Delta R.T. 0.00 min
Lab File: VV007552.D
Acq: 15 Sep 2018 04:31

Tgt Ion: 128 Resp: 6923
Ion Ratio Lower Upper
128 100
129 10.1 8.5 12.7
127 13.9 10.5 15.7

