

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091518\
 Data File : VV007577.D
 Acq On : 15 Sep 2018 20:40
 Operator : SY/MD
 Sample : J4888-05
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KW9

Quant Time: Sep 17 01:47:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 01:45:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	112067	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102738	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53641	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24445	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.59	69	22867	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.14	63	43250	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.98	46	45373	55.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.14%
24) Chloroform-d	4.41	84	55339	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.09	65	28999	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.10	84	111685	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.13	67	32614	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.36	98	113779	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.67	79	12835	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.15	63	19419	37.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19535	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	49307	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

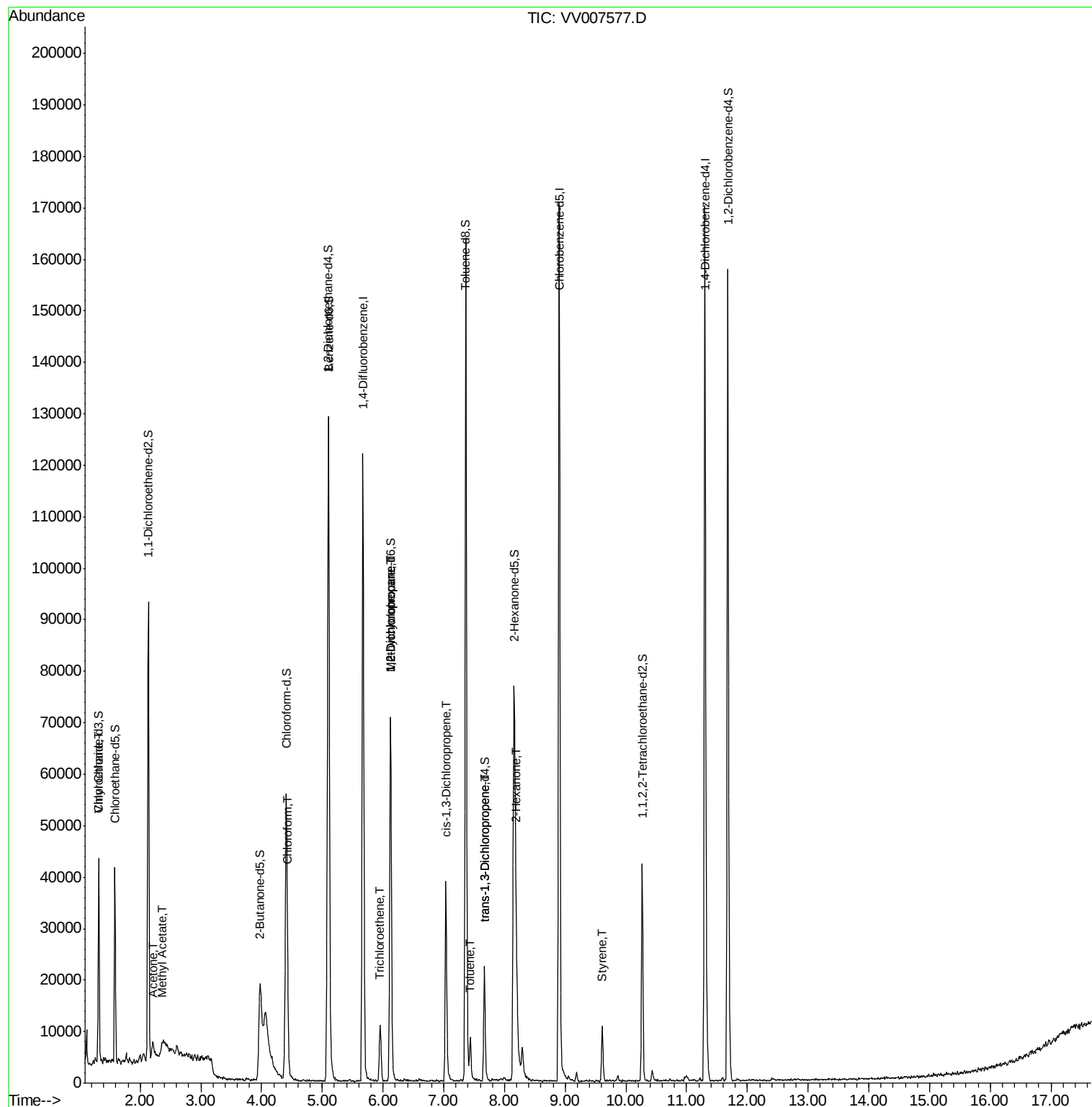
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Chloroethane	1.32	64	355	0.099	ug/L #	1
13) Acetone	2.21	43	6311	11.834	ug/L	93
15) Methyl Acetate	2.36	43	424	0.290	ug/L #	43
25) Chloroform	4.43	83	2905	0.282	ug/L	99
34) Trichloroethene	5.96	95	809	0.124	ug/L	83
35) Methylcyclohexane	6.12	83	8223	0.818	ug/L #	28
37) 1,2-Dichloropropane	6.12	63	3952	0.756	ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	1149	0.138	ug/L #	73
42) Toluene	7.44	91	5944	0.243	ug/L	95
44) trans-1,3-Dichloropropene	7.67	75	595	0.087	ug/L #	63
48) 2-Hexanone	8.20	43	14385	6.564	ug/L #	65
55) Styrene	9.61	104	6012	0.352	ug/L	95

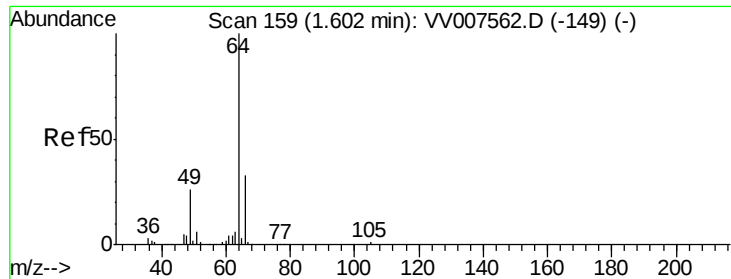
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 17 01:45:59 2018
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#8

Chloroethane

Concen: 0.099 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007577.D

Acq: 15 Sep 2018 20:40

Instrument :

MSVOA_W

ClientSampled :

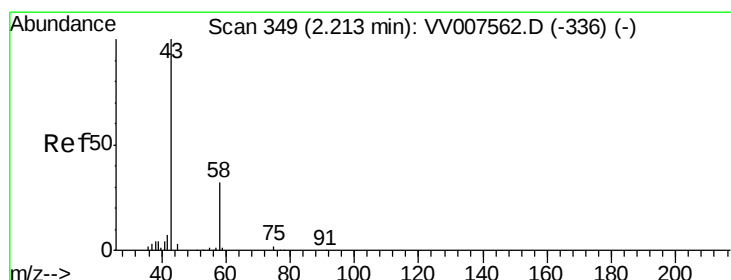
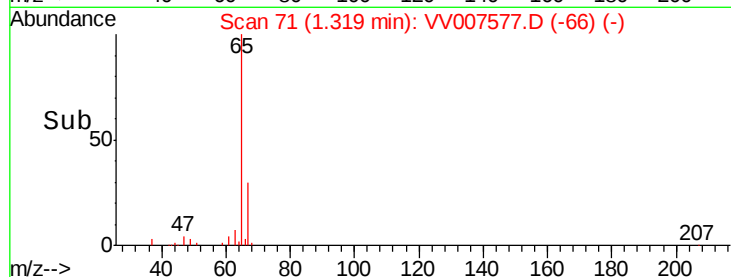
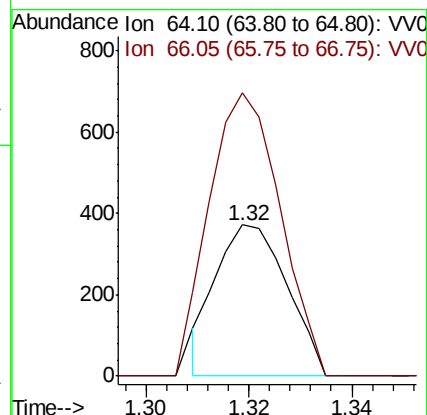
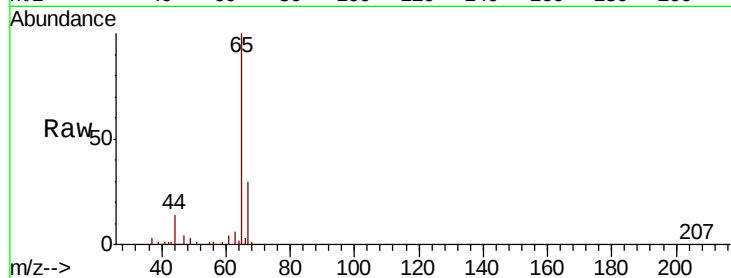
C0KW9

Tgt Ion: 64 Resp: 355

Ion Ratio Lower Upper

64 100

66 187.6 24.3 45.1#



#13

Acetone

Concen: 11.834 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV007577.D

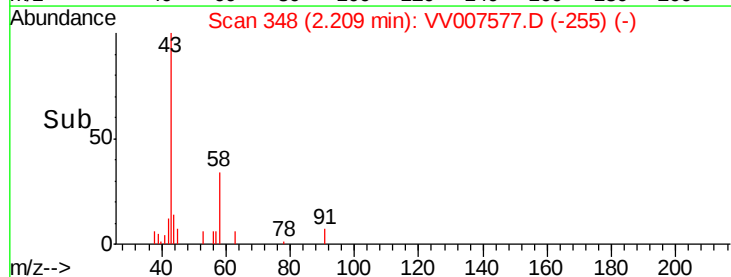
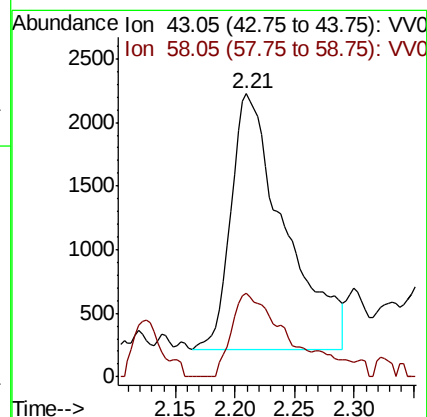
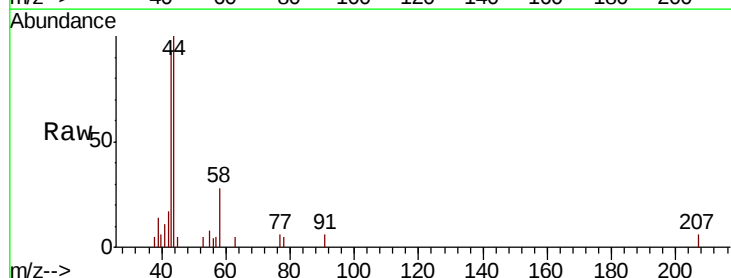
Acq: 15 Sep 2018 20:40

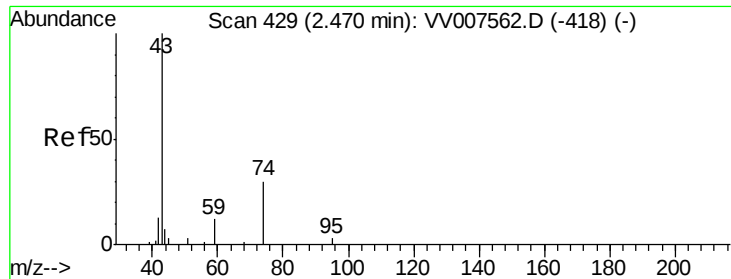
Tgt Ion: 43 Resp: 6311

Ion Ratio Lower Upper

43 100

58 35.5 0.0 63.4

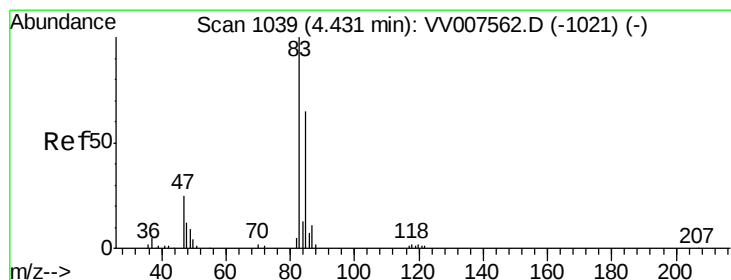
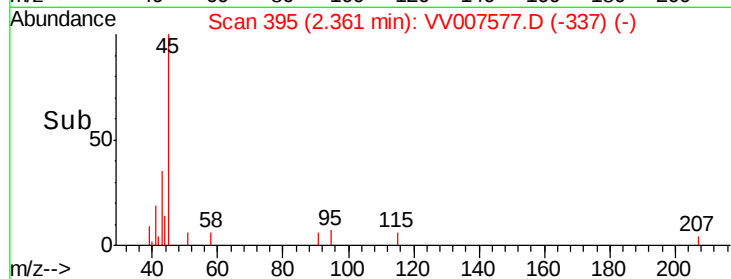
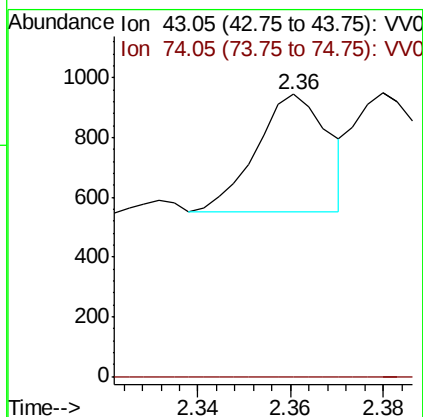
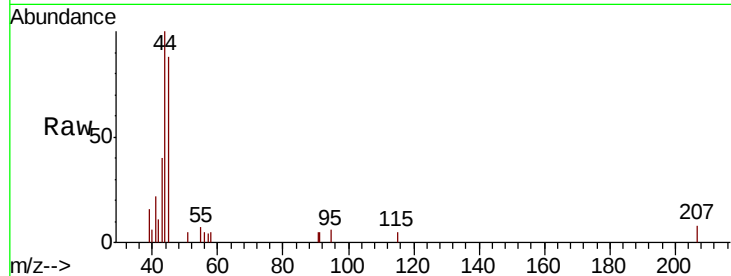




#15
Methyl Acetate
Concen: 0.290 ug/L
RT: 2.36 min Scan# 395
Delta R.T. -0.11 min
Lab File: VV007577.D
Acq: 15 Sep 2018 20:40

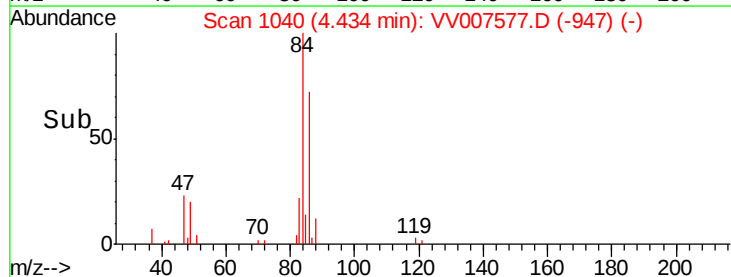
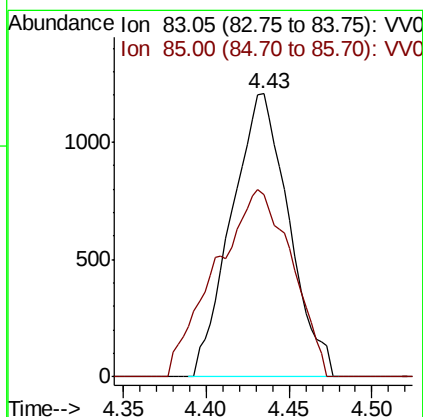
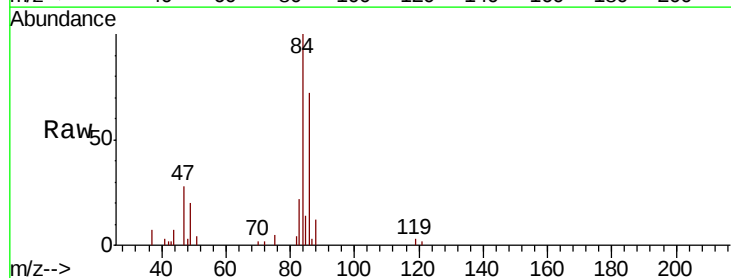
Instrument :
MSVOA_W
ClientSampled :
C0KW9

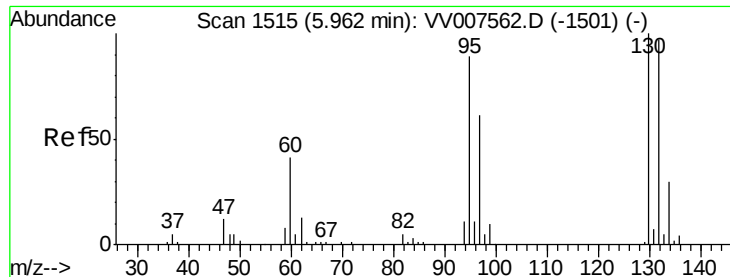
Tgt Ion: 43 Resp: 424
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#25
Chloroform
Concen: 0.282 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007577.D
Acq: 15 Sep 2018 20:40

Tgt Ion: 83 Resp: 2905
Ion Ratio Lower Upper
83 100
85 64.4 45.5 84.5





#34

Trichloroethene

Concen: 0.124 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV007577.D

Acq: 15 Sep 2018 20:40

Instrument :

MSVOA_W

ClientSampled :

C0KW9

Tgt Ion: 95 Resp: 809

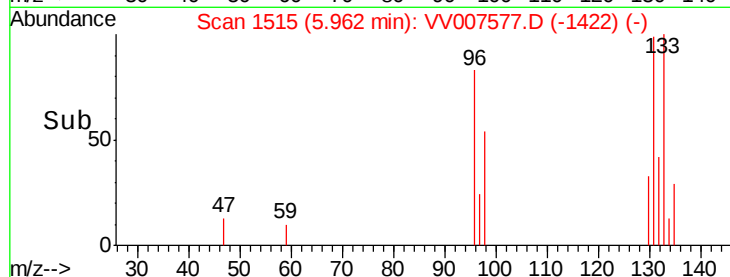
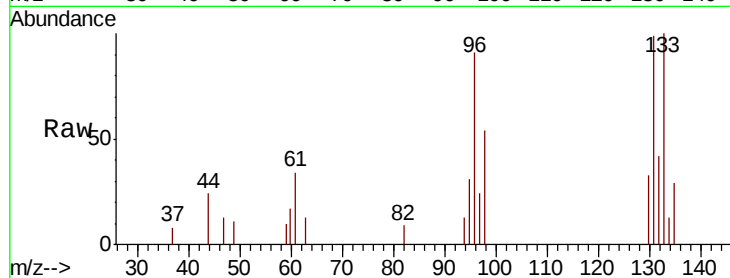
Ion Ratio Lower Upper

95 100

97 75.8 45.5 84.5

132 135.7 74.9 139.1

130 105.2 80.0 148.6

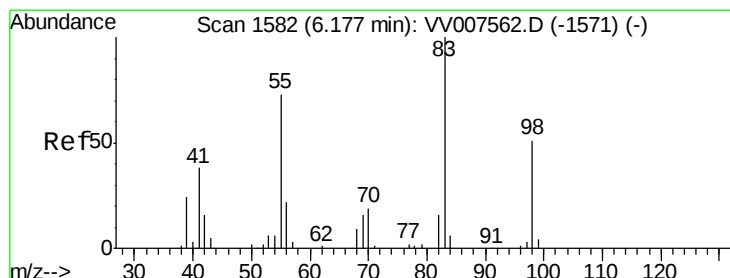
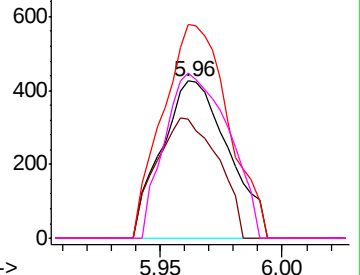


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.818 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007577.D

Acq: 15 Sep 2018 20:40

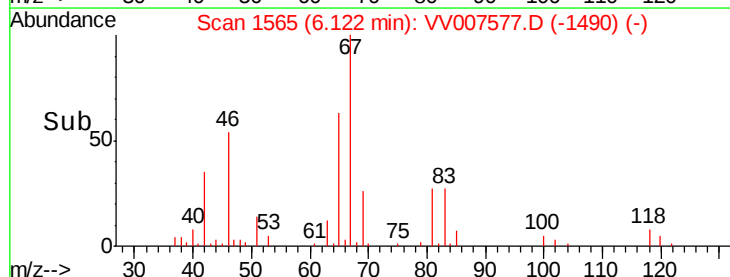
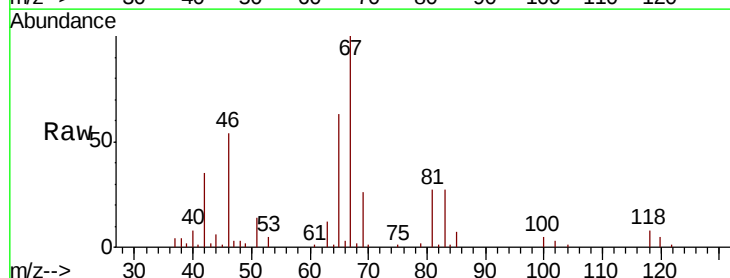
Tgt Ion: 83 Resp: 8223

Ion Ratio Lower Upper

83 100

55 0.0 55.0 82.4#

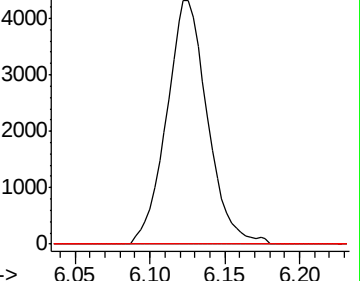
98 10.9 37.6 56.4#

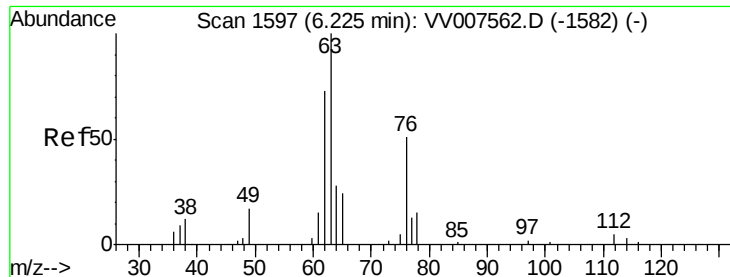


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

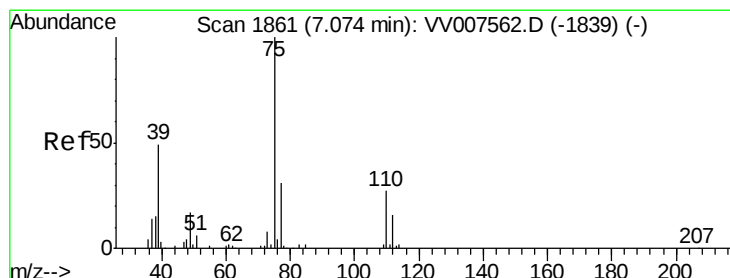
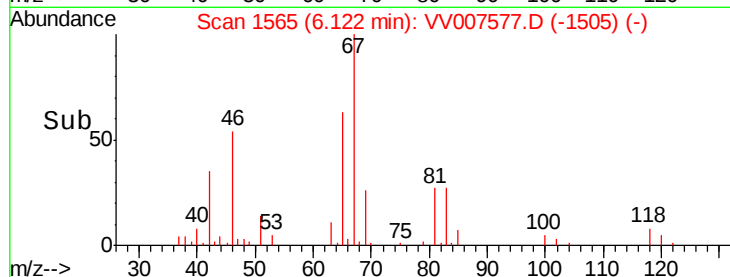
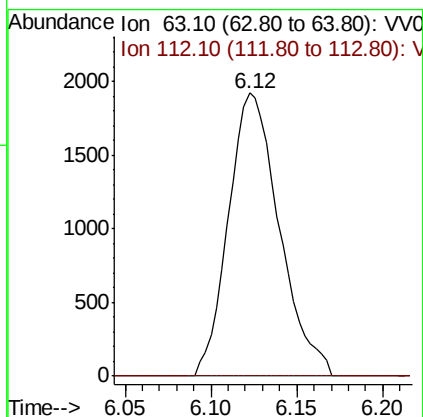
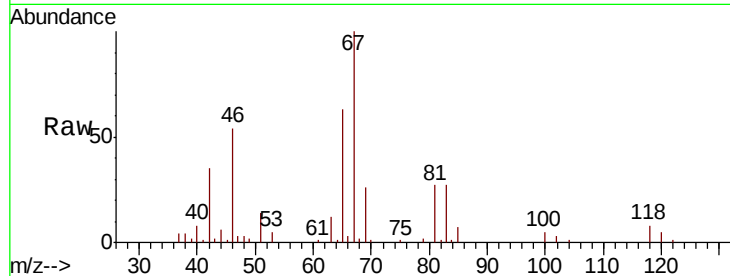




#37
 1,2-Dichloropropane
 Concen: 0.756 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.11 min
 Lab File: VV007577.D
 Acq: 15 Sep 2018 20:40

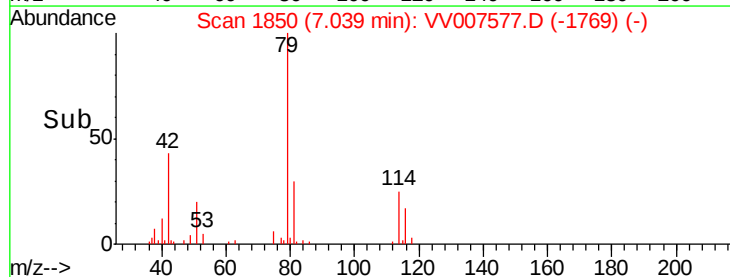
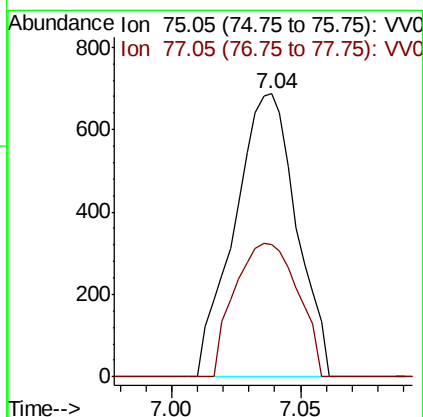
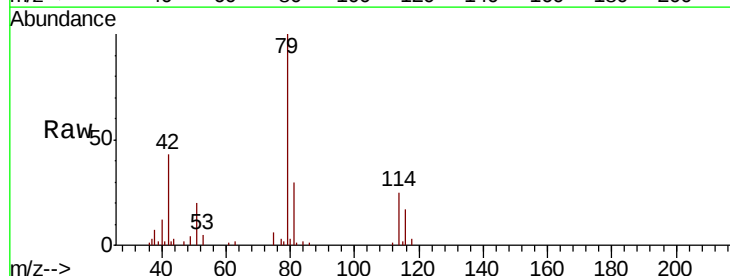
Instrument :
 MSVOA_W
 ClientSampleId :
 C0KW9

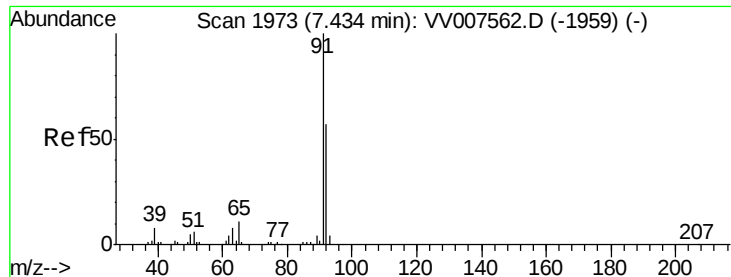
Tgt Ion: 63 Resp: 3952
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.138 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV007577.D
 Acq: 15 Sep 2018 20:40

Tgt Ion: 75 Resp: 1149
 Ion Ratio Lower Upper
 75 100
 77 46.7 22.0 41.0#





#42

Toluene

Concen: 0.243 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV007577.D

Acq: 15 Sep 2018 20:40

Instrument :

MSVOA_W

ClientSampleId :

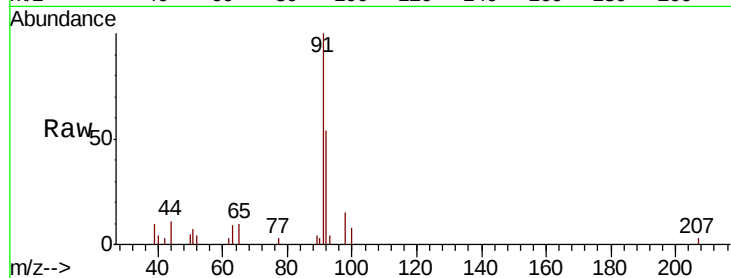
C0KW9

Tgt Ion: 91 Resp: 5944

Ion Ratio Lower Upper

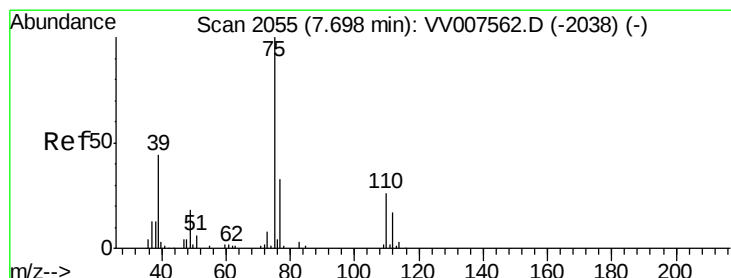
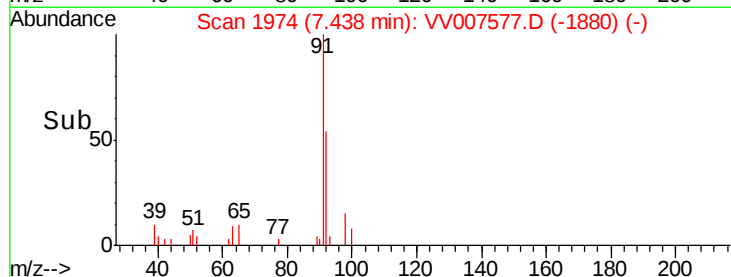
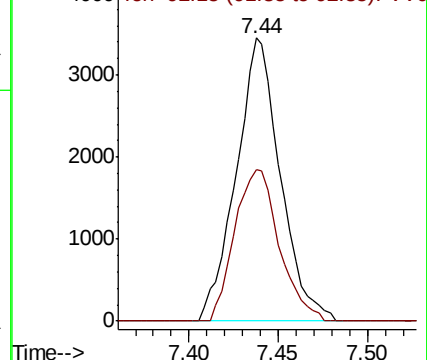
91 100

92 53.5 40.3 74.8



Abundance Ion 91.15 (90.85 to 91.85): VV007562.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV007562.D (-1959) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV007577.D

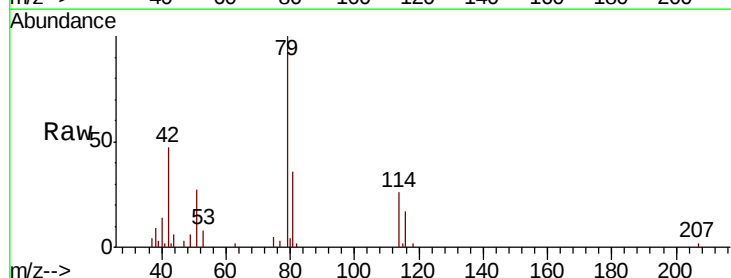
Acq: 15 Sep 2018 20:40

Tgt Ion: 75 Resp: 595

Ion Ratio Lower Upper

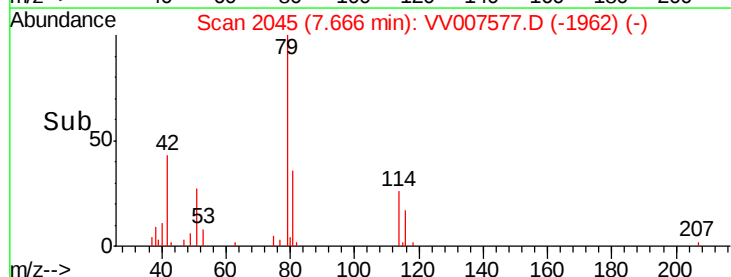
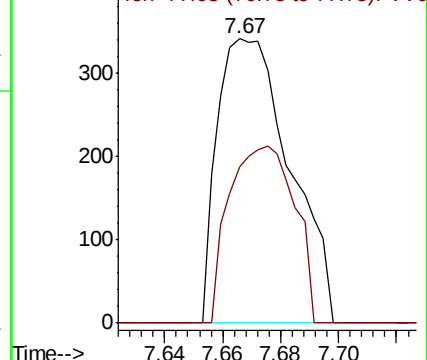
75 100

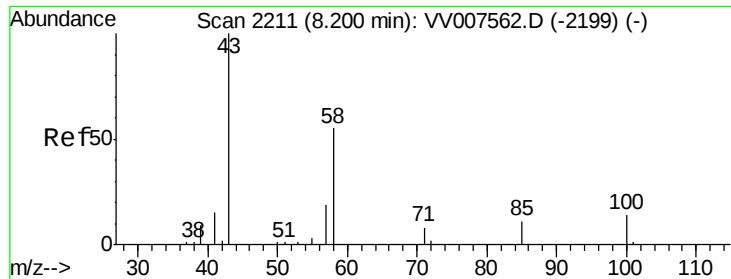
77 54.7 23.4 43.4#



Abundance Ion 75.05 (74.75 to 75.75): VV007562.D (-2038) (-)

Ion 77.05 (76.75 to 77.75): VV007562.D (-2038) (-)

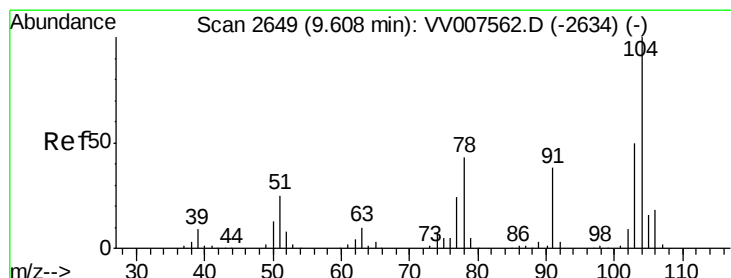
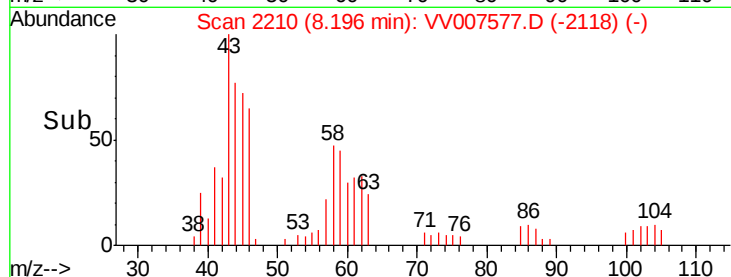
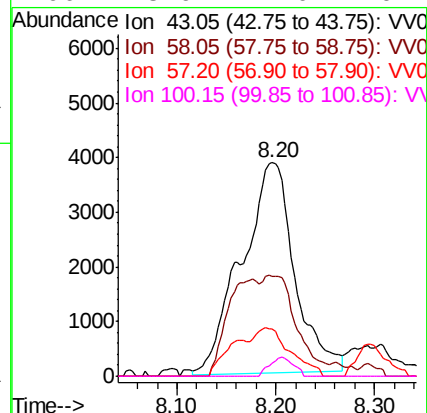
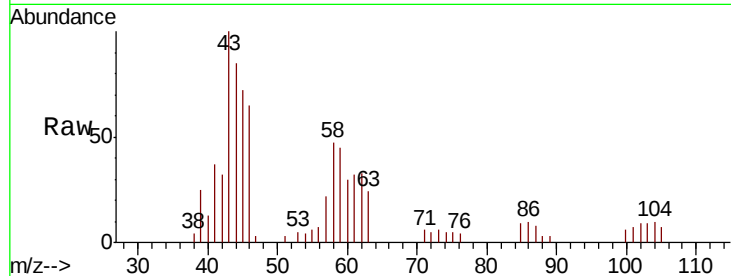




#48
2-Hexanone
Concen: 6.564 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VV007577.D
Acq: 15 Sep 2018 20:40

Instrument :
MSVOA_W
ClientSampleId :
C0KW9

Tgt Ion: 43 Resp: 14385
Ion Ratio Lower Upper
43 100
58 28.0 49.8 74.6#
57 15.5 18.2 27.4#
100 3.9 11.0 16.4#



#55
Styrene
Concen: 0.352 ug/L
RT: 9.61 min Scan# 2650
Delta R.T. 0.00 min
Lab File: VV007577.D
Acq: 15 Sep 2018 20:40

Tgt Ion: 104 Resp: 6012
Ion Ratio Lower Upper
104 100
78 38.7 29.5 54.7

