

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW113018\
 Data File : VW007149.D
 Acq On : 30 Nov 2018 18:33
 Operator : SY/AP
 Sample : J6077-08
 Misc : 5.69G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y40

Quant Time: Nov 30 22:55:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 15:51:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	129417	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	127173	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	59723	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	22760	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.68%
7) Chloroethane-d5	2.89	69	17184	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.04%
10) 1,1-Dichloroethene-d2	4.02	63	44217	15.42	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.68%
20) 2-Butanone-d5	7.08	46	23616	52.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.94%
24) Chloroform-d	7.65	84	53373	19.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.76%
26) 1,2-Dichloroethane-d4	8.31	65	36040	22.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.88%
29) Benzene-d6	8.28	84	121696	20.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.56%
33) 1,2-Dichloropropane-d6	9.28	67	35152	20.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.20%
37) Toluene-d8	10.33	98	124608	19.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.00%
38) trans-1,3-Dichloropropene-	10.58	79	17647	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.40%
39) 2-Hexanone-d5	10.93	63	19895	49.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	36613	23.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	46349	20.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.72%

Target Compounds

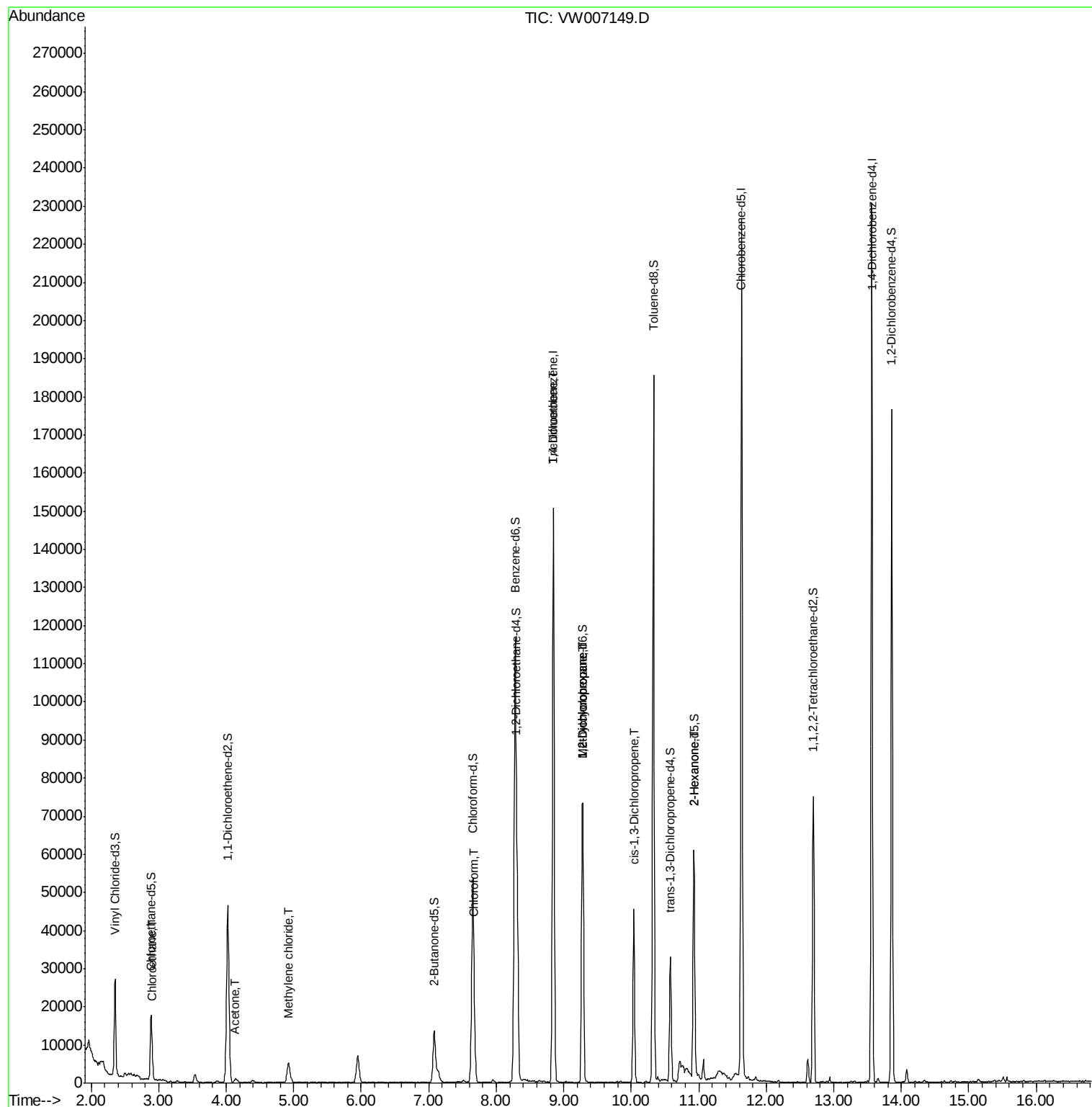
					Qvalue
8) Chloroethane	2.91	64	222	0.279 ug/L #	44
13) Acetone	4.13	43	1677	5.369 ug/L	96
16) Methylene chloride	4.92	84	3986	1.927 ug/L	94
25) Chloroform	7.68	83	5376	1.881 ug/L	98
35) Trichloroethene	8.85	95	3876	2.169 ug/L #	5
36) Methylcyclohexane	9.27	83	8642	2.605 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	4033	2.551 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	1158	0.461 ug/L #	59
49) 2-Hexanone	10.93	43	2425	3.063 ug/L #	66

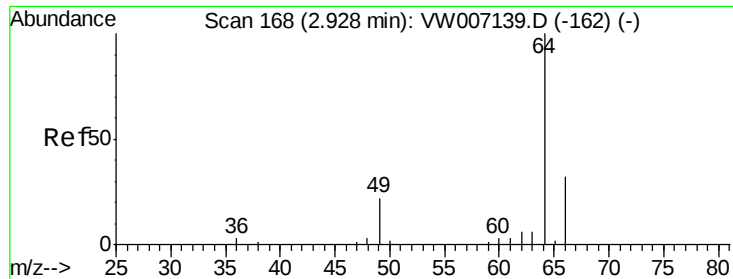
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 30 15:51:51 2018
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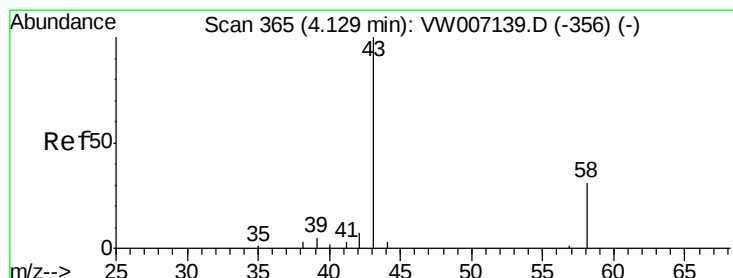
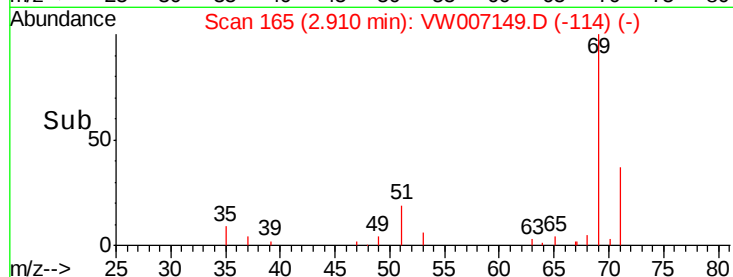
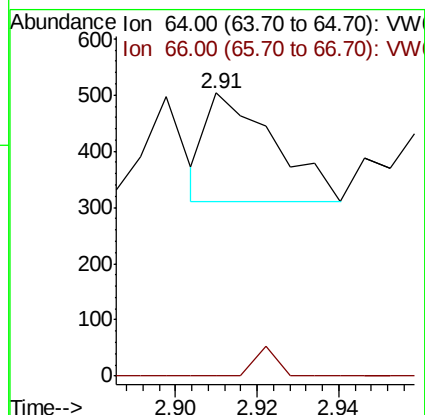
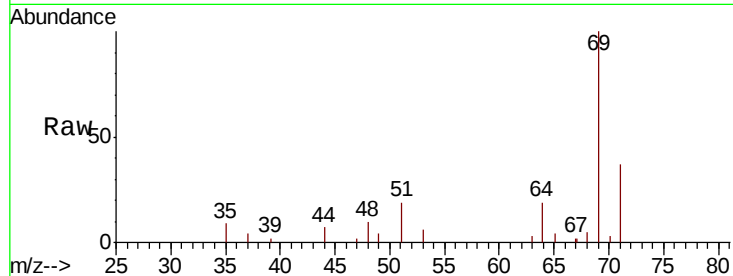




#8
Chloroethane
Concen: 0.279 ug/L
RT: 2.91 min Scan# 165
Delta R.T. -0.02 min
Lab File: VW007149.D
Acq: 30 Nov 2018 18:33

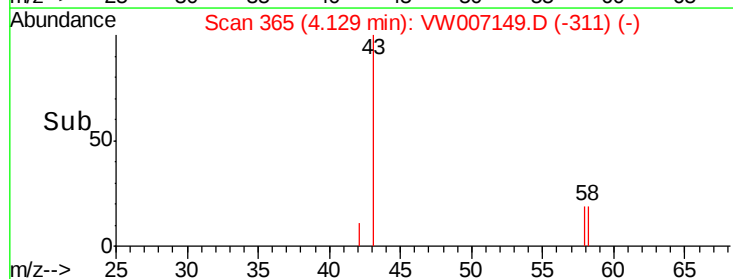
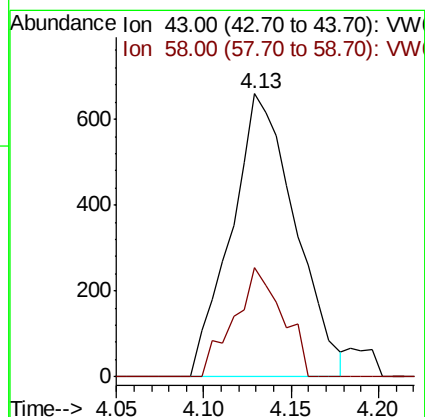
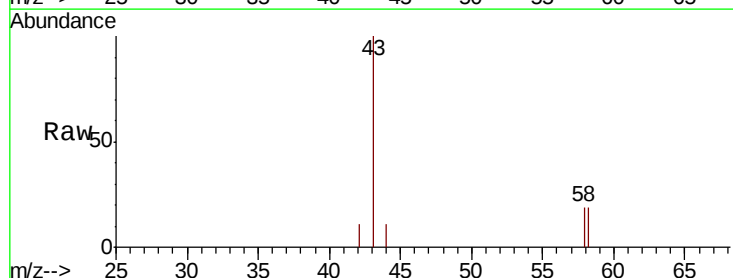
Instrument :
MSVOA_W
ClientSampleId :
F9Y40

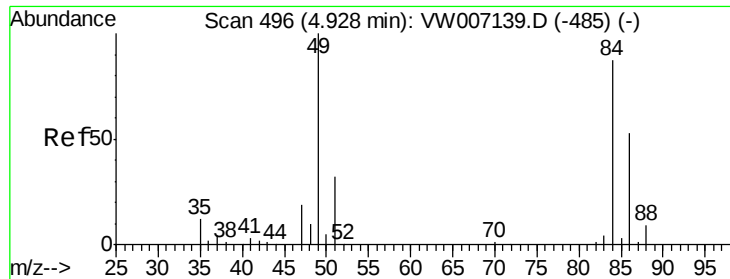
Tgt Ion: 64 Resp: 222
Ion Ratio Lower Upper
64 100
66 0.0 21.4 39.8#



#13
Acetone
Concen: 5.369 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW007149.D
Acq: 30 Nov 2018 18:33

Tgt Ion: 43 Resp: 1677
Ion Ratio Lower Upper
43 100
58 29.2 0.0 62.4

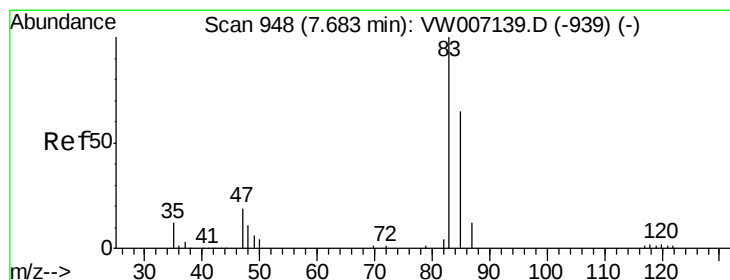
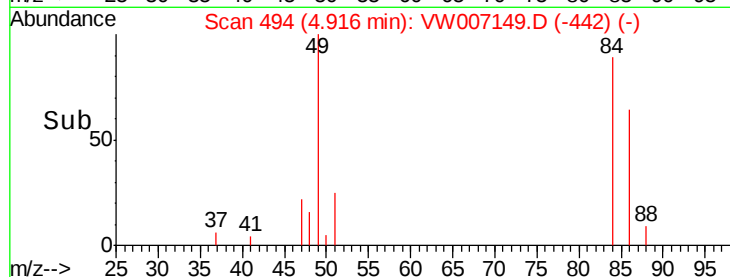
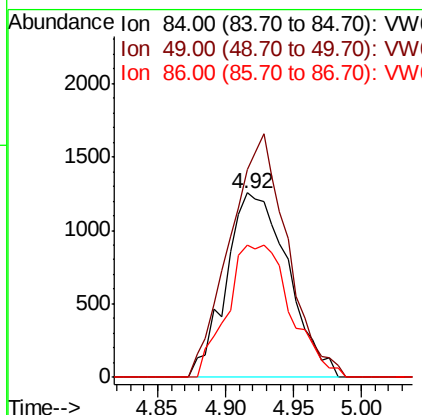
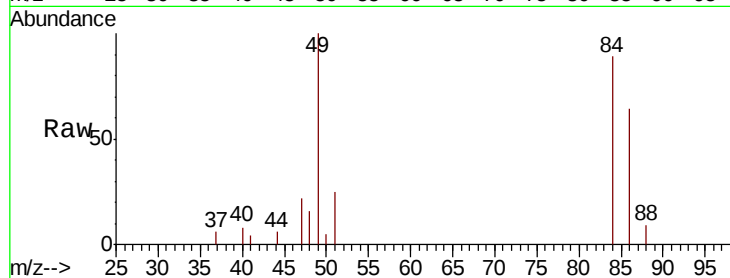




#16
Methylene chloride
Concen: 1.927 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007149.D
Acq: 30 Nov 2018 18:33

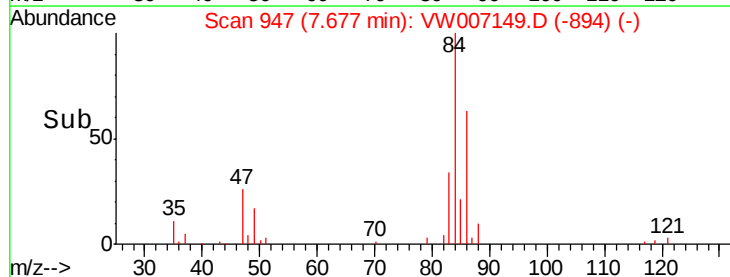
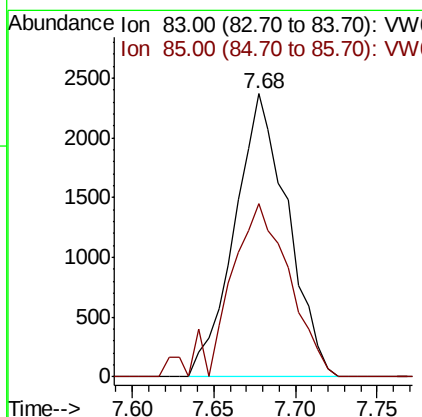
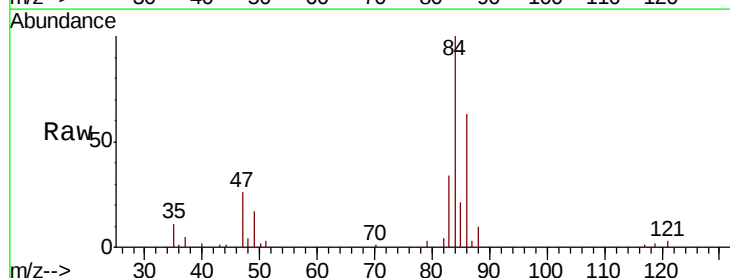
Instrument :
MSVOA_W
ClientSampled :
F9Y40

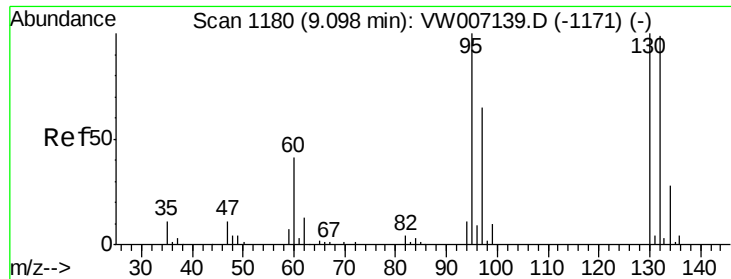
Tgt Ion: 84 Resp: 3986
Ion Ratio Lower Upper
84 100
49 112.8 80.9 150.3
86 71.7 42.8 79.6



#25
Chloroform
Concen: 1.881 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW007149.D
Acq: 30 Nov 2018 18:33

Tgt Ion: 83 Resp: 5376
Ion Ratio Lower Upper
83 100
85 64.2 46.1 85.7





#35

Trichloroethene

Concen: 2.169 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW007149.D

Acq: 30 Nov 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

F9Y40

Tgt Ion: 95 Resp: 3876

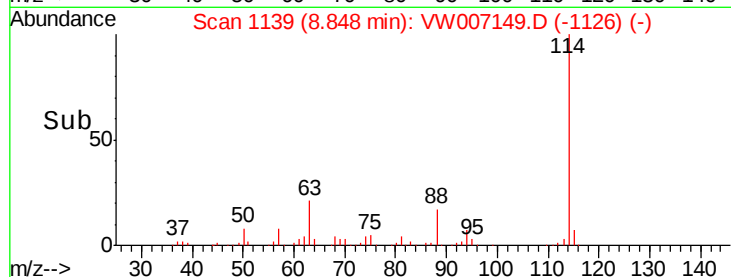
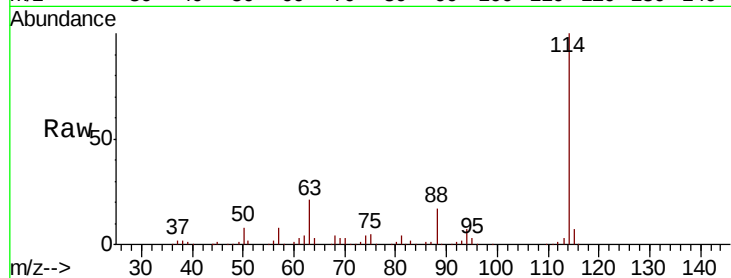
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.0 68.2 126.6#

130 1.3 70.9 131.7#

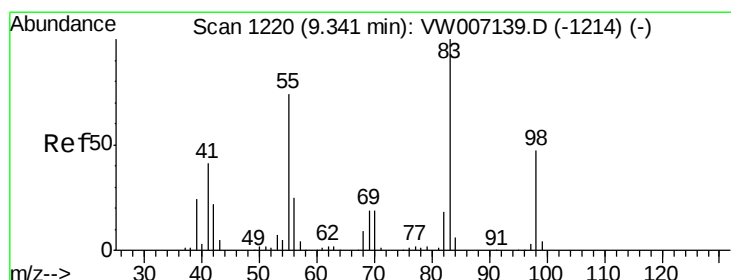
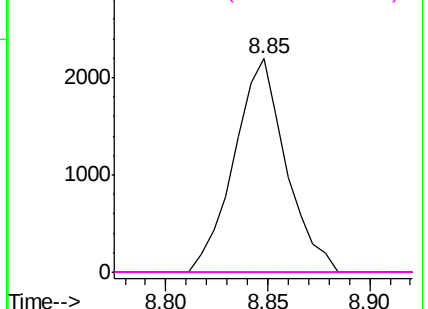


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 2.605 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.07 min

Lab File: VW007149.D

Acq: 30 Nov 2018 18:33

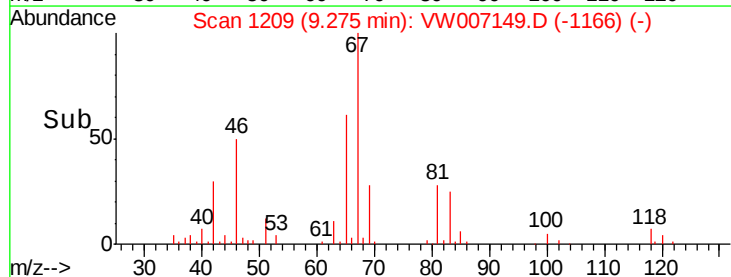
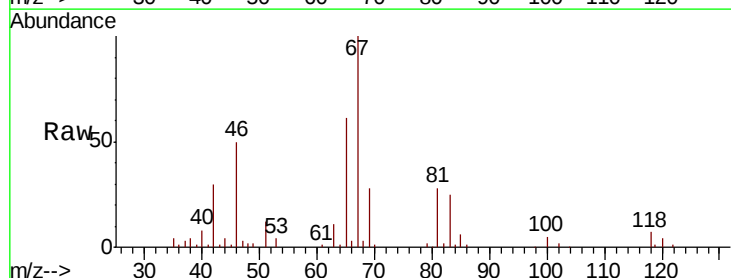
Tgt Ion: 83 Resp: 8642

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

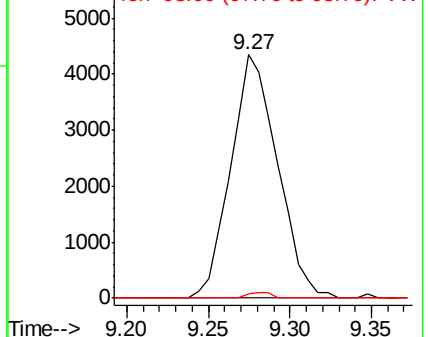
98 1.1 38.8 58.2#

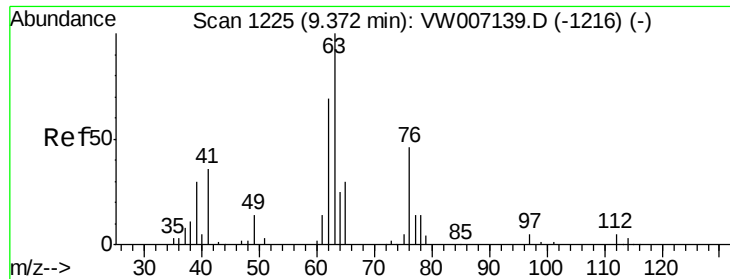


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

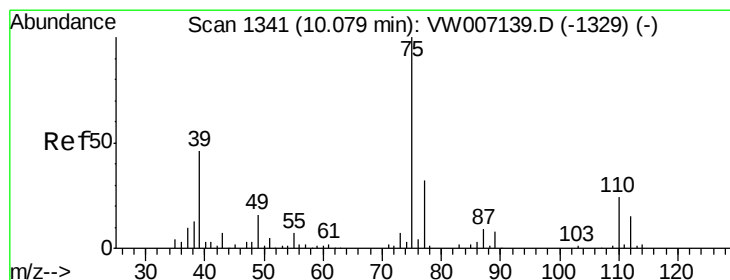
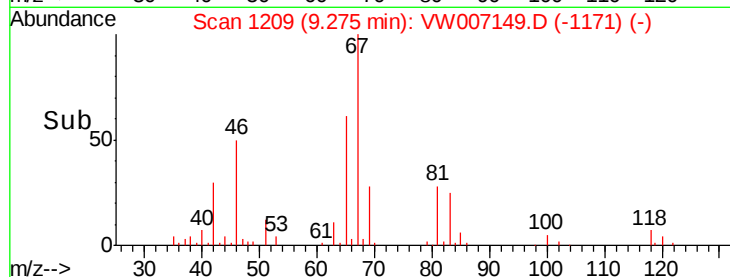
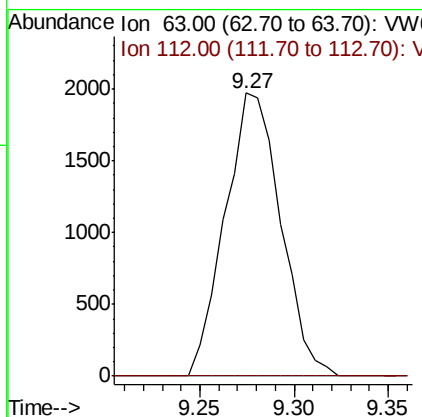
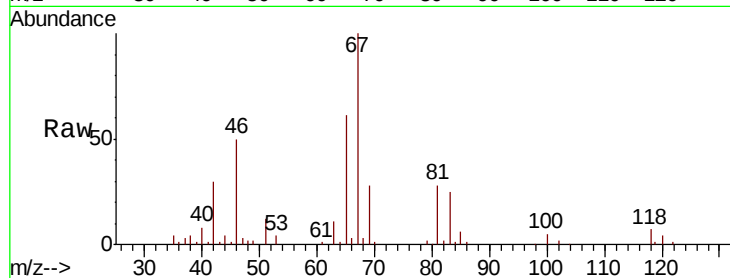




#40
 1,2-Dichloropropane
 Concen: 2.551 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW007149.D
 Acq: 30 Nov 2018 18:33

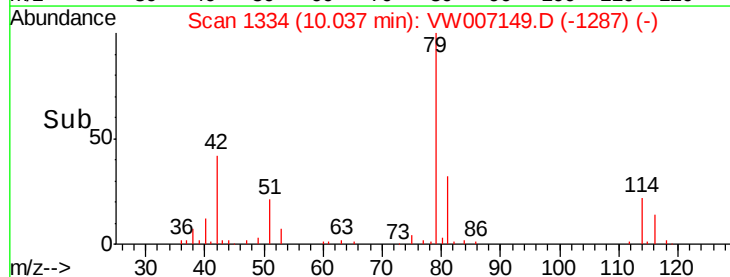
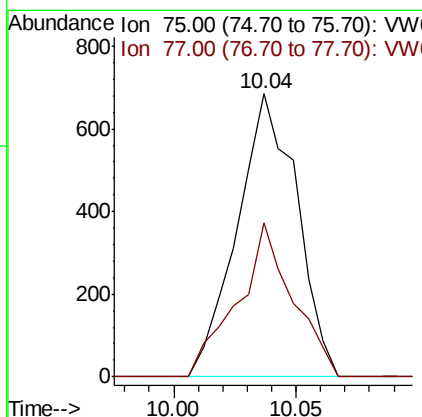
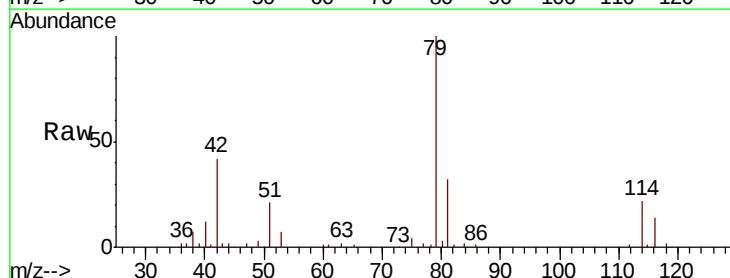
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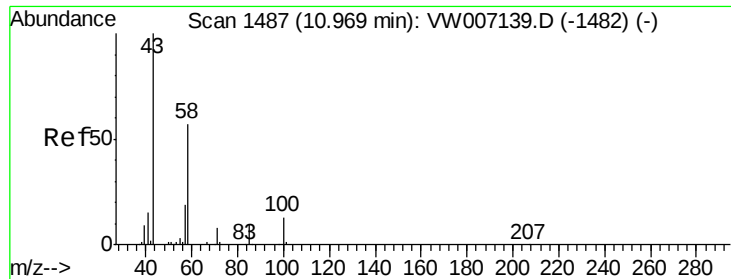
Tgt Ion: 63 Resp: 4033
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.461 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007149.D
 Acq: 30 Nov 2018 18:33

Tgt Ion: 75 Resp: 1158
 Ion Ratio Lower Upper
 75 100
 77 54.6 22.3 41.5#





#49
 2-Hexanone
 Concen: 3.063 ug/L
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.04 min
 Lab File: VW007149.D
 Acq: 30 Nov 2018 18:33

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y40

Tgt Ion: 43 Resp: 2425
 Ion Ratio Lower Upper
 43 100
 58 22.4 44.2 66.2#
 57 24.8 16.3 24.5#
 100 2.6 10.1 15.1#

