

Data File : VW007931.D
Acq On : 26 Dec 2018 18:50
Operator : SY/AP
Sample : J6487-02
Misc : 5.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9H08

Quant Time: Dec 27 00:48:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	101704	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	89401	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	38864	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	22287	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.96%
7) Chloroethane-d5	2.90	69	14950	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
10) 1,1-Dichloroethene-d2	4.01	63	44876	16.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.16%
20) 2-Butanone-d5	7.07	46	13921	32.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.14%
24) Chloroform-d	7.65	84	58367	21.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.28%
26) 1,2-Dichloroethane-d4	8.31	65	35073	21.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.48%
29) Benzene-d6	8.27	84	113697	22.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.72%
33) 1,2-Dichloropropane-d6	9.27	67	30613	22.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.80%
37) Toluene-d8	10.32	98	110259	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.28%
38) trans-1,3-Dichloropropene-	10.58	79	15607	19.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.72%
39) 2-Hexanone-d5	10.93	63	10736	30.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	24688	18.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	35107	22.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.44%

Target Compounds

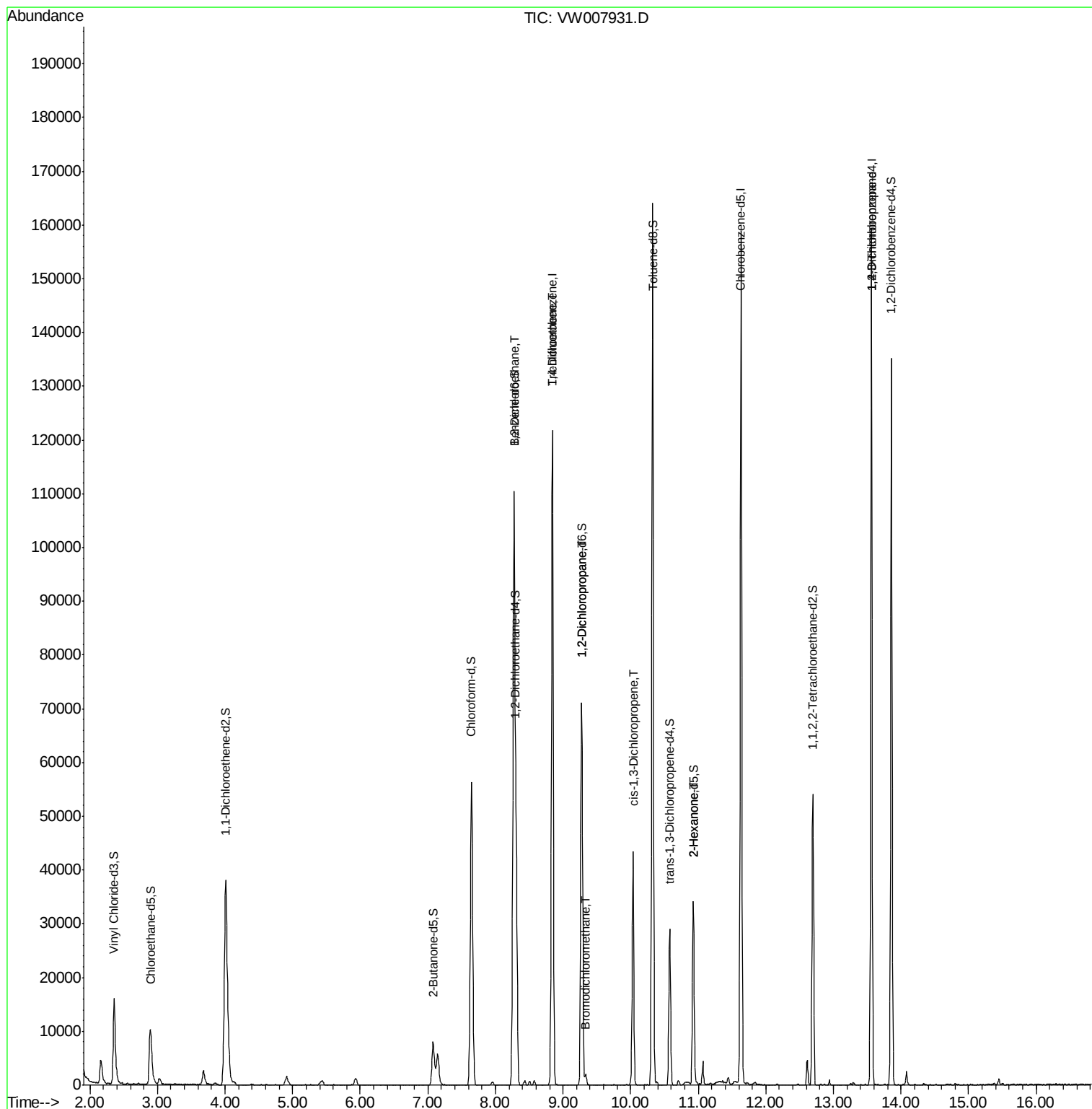
					Qvalue
27) 1,2-Dichloroethane	8.27	62	704	0.402 ug/L #	80
35) Trichloroethene	8.84	95	3268	2.351 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	3928	3.493 ug/L #	86
41) Bromodichloromethane	9.34	83	567	0.343 ug/L #	25
42) cis-1,3-Dichloropropene	10.04	75	1118	0.570 ug/L	85
49) 2-Hexanone	10.93	43	1647	2.565 ug/L #	62
59) 1,2,3-Trichloropropane	13.56	75	4569	4.815 ug/L #	84

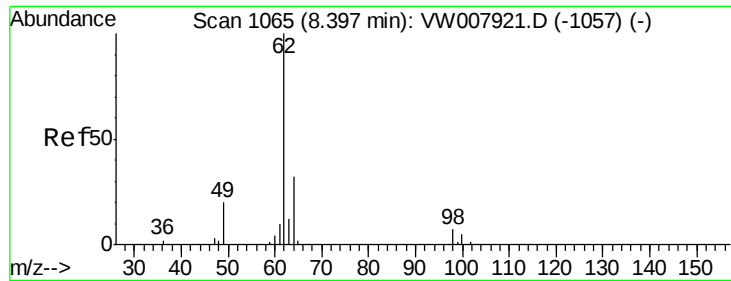
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.402 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW007931.D

Acq: 26 Dec 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

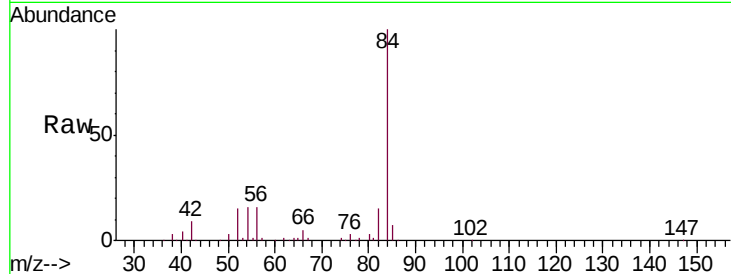
F9H08

Tgt Ion: 62 Resp: 704

Ion Ratio Lower Upper

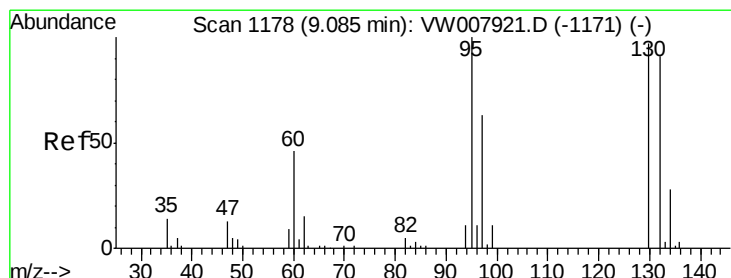
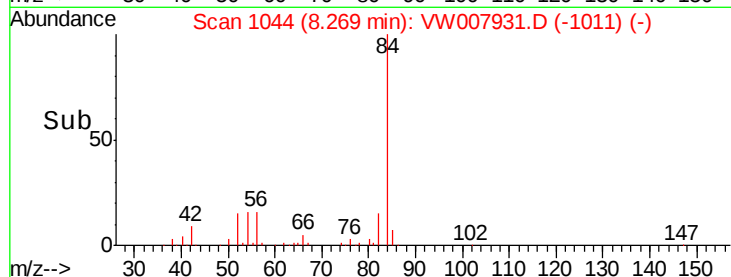
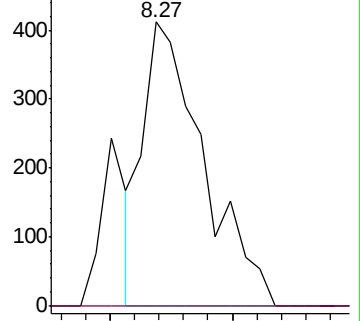
62 100

98 0.0 5.4 8.2#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW



#35

Trichloroethene

Concen: 2.351 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW007931.D

Acq: 26 Dec 2018 18:50

Tgt Ion: 95 Resp: 3268

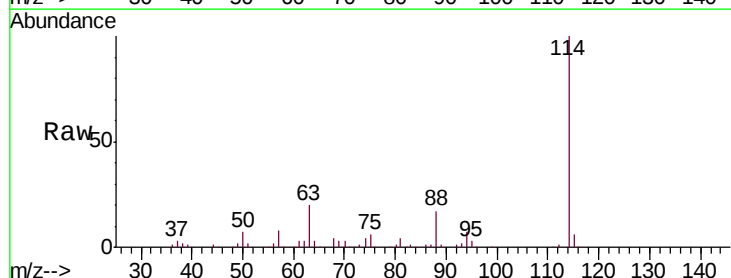
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

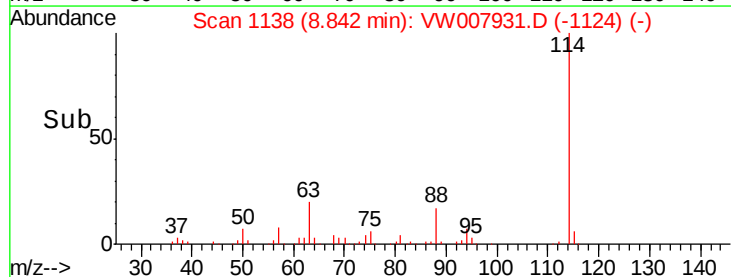
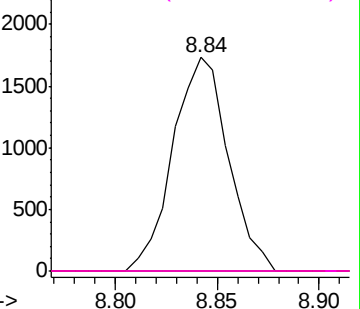


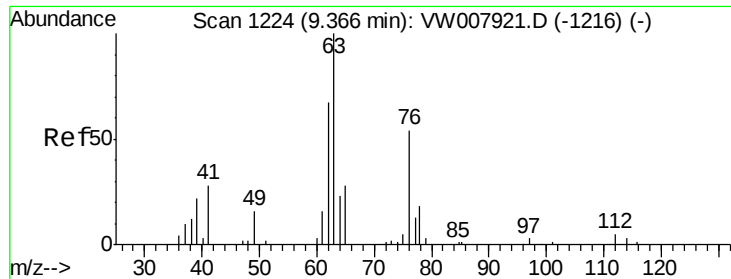
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

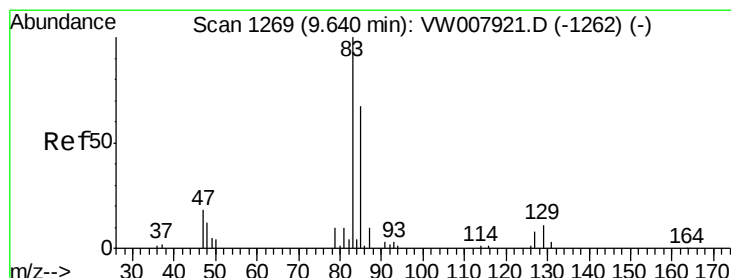
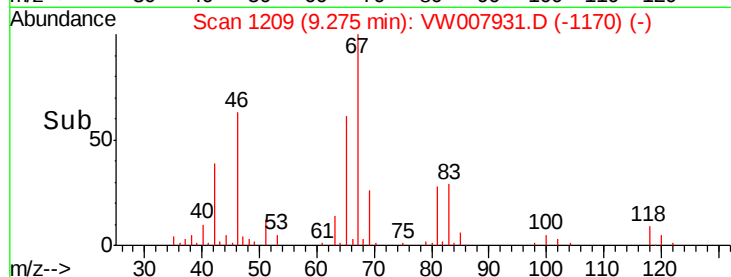
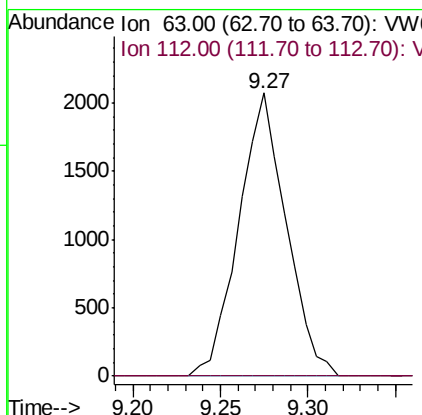
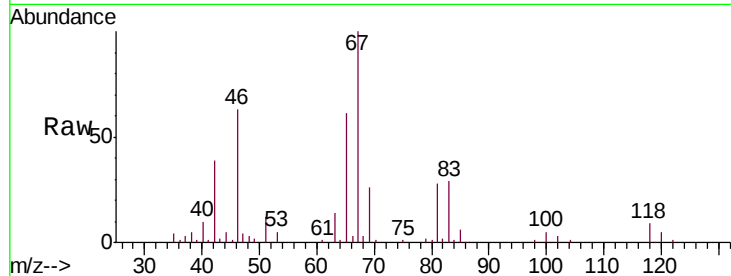




#40
 1,2-Dichloropropane
 Concen: 3.493 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW007931.D
 Acq: 26 Dec 2018 18:50

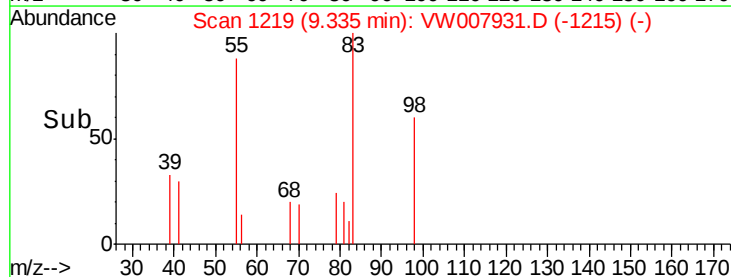
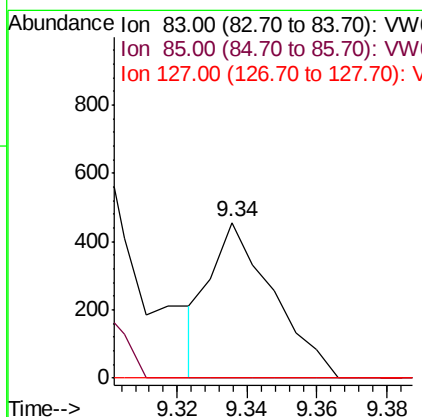
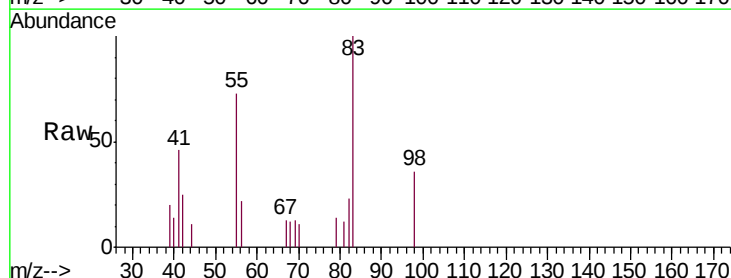
Instrument :
 MSVOA_W
 ClientSampled :
 F9H08

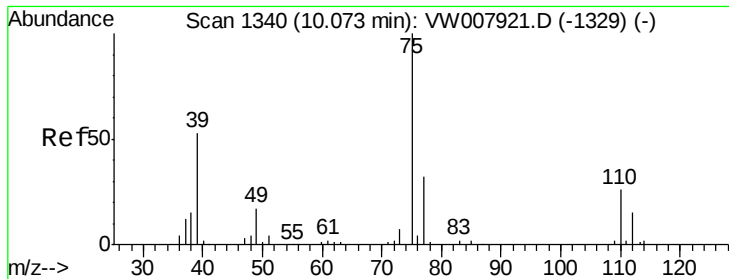
Tgt Ion: 63 Resp: 3928
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#41
 Bromodichloromethane
 Concen: 0.343 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.30 min
 Lab File: VW007931.D
 Acq: 26 Dec 2018 18:50

Tgt Ion: 83 Resp: 567
 Ion Ratio Lower Upper
 83 100
 85 0.0 44.4 82.5#
 127 0.0 7.0 10.6#





#42

cis-1,3-Dichloropropene

Concen: 0.570 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007931.D

Acq: 26 Dec 2018 18:50

Instrument :

MSVOA_W

ClientSampled :

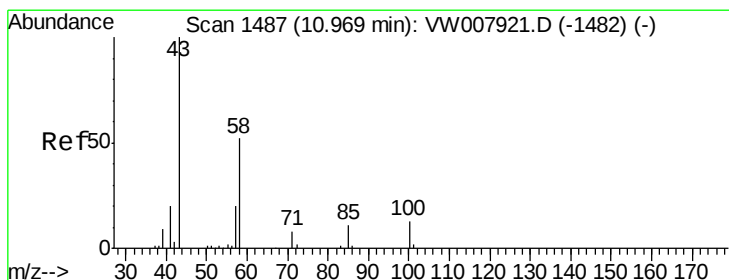
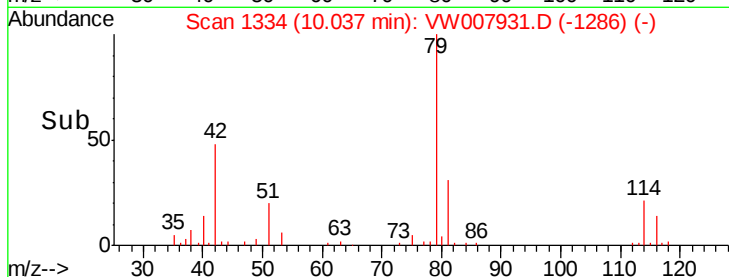
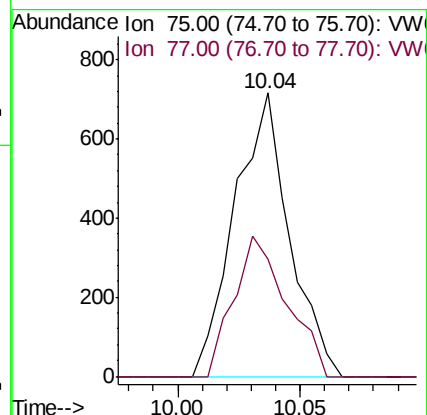
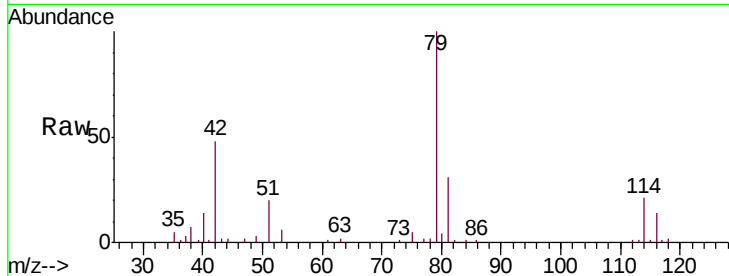
F9H08

Tgt Ion: 75 Resp: 1118

Ion Ratio Lower Upper

75 100

77 41.5 23.0 42.8



#49

2-Hexanone

Concen: 2.565 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007931.D

Acq: 26 Dec 2018 18:50

Tgt Ion: 43 Resp: 1647

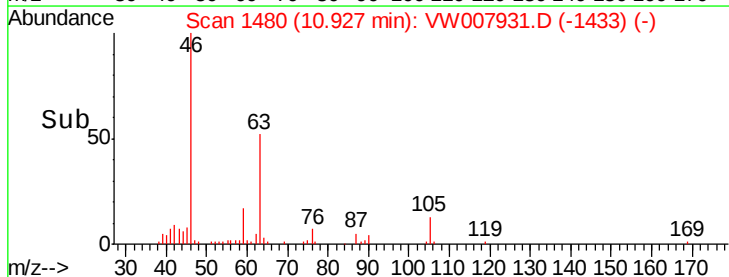
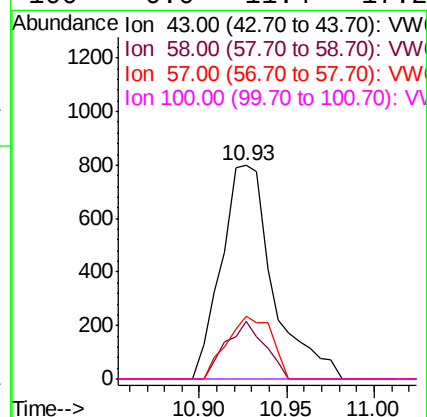
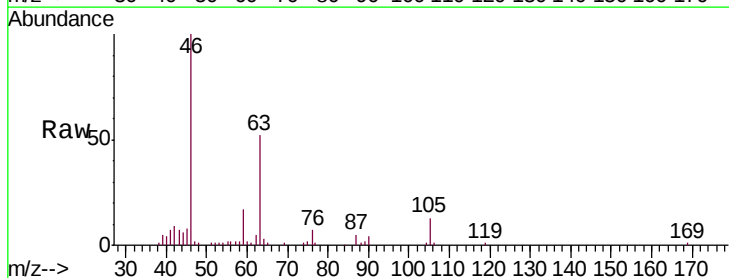
Ion Ratio Lower Upper

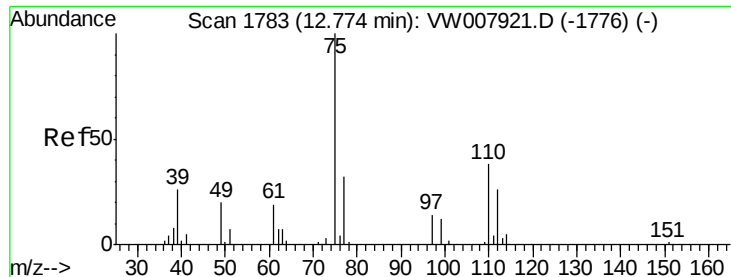
43 100

58 20.5 46.2 69.4#

57 25.3 17.9 26.9

100 0.0 11.4 17.2#





#59

1,2,3-Trichloropropane

Concen: 4.815 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007931.D

Acq: 26 Dec 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

F9H08

Tgt Ion: 75 Resp: 4569

Ion Ratio Lower Upper

75 100

77 40.9 25.5 38.3#

