

Data File : VW014068.D
Acq On : 18 Nov 2019 17:59
Operator : SY/VA
Sample : K5810-11RE
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLR8RE

Quant Time: Nov 19 07:26:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 19 07:22:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	42300	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	40013	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	10564	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	13476	19.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.88%
7) Chloroethane-d5	2.88	69	13793	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.84%
10) 1,1-Dichloroethene-d2	4.01	63	21318	15.39	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.56%
20) 2-Butanone-d5	7.07	46	14324	73.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.12%#
24) Chloroform-d	7.65	84	39717	30.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	122.16%
26) 1,2-Dichloroethane-d4	8.31	65	25716	39.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	157.32%#
29) Benzene-d6	8.27	84	72016	25.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.48%
33) 1,2-Dichloropropane-d6	9.27	67	26429	31.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.12%#
37) Toluene-d8	10.32	98	56362	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.72%
38) trans-1,3-Dichloropropene-	10.58	79	9185	25.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.16%
39) 2-Hexanone-d5	10.93	63	8629	54.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	23485	37.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	149.60%#
61) 1,2-Dichlorobenzene-d4	13.85	152	12182	28.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.80%

Target Compounds

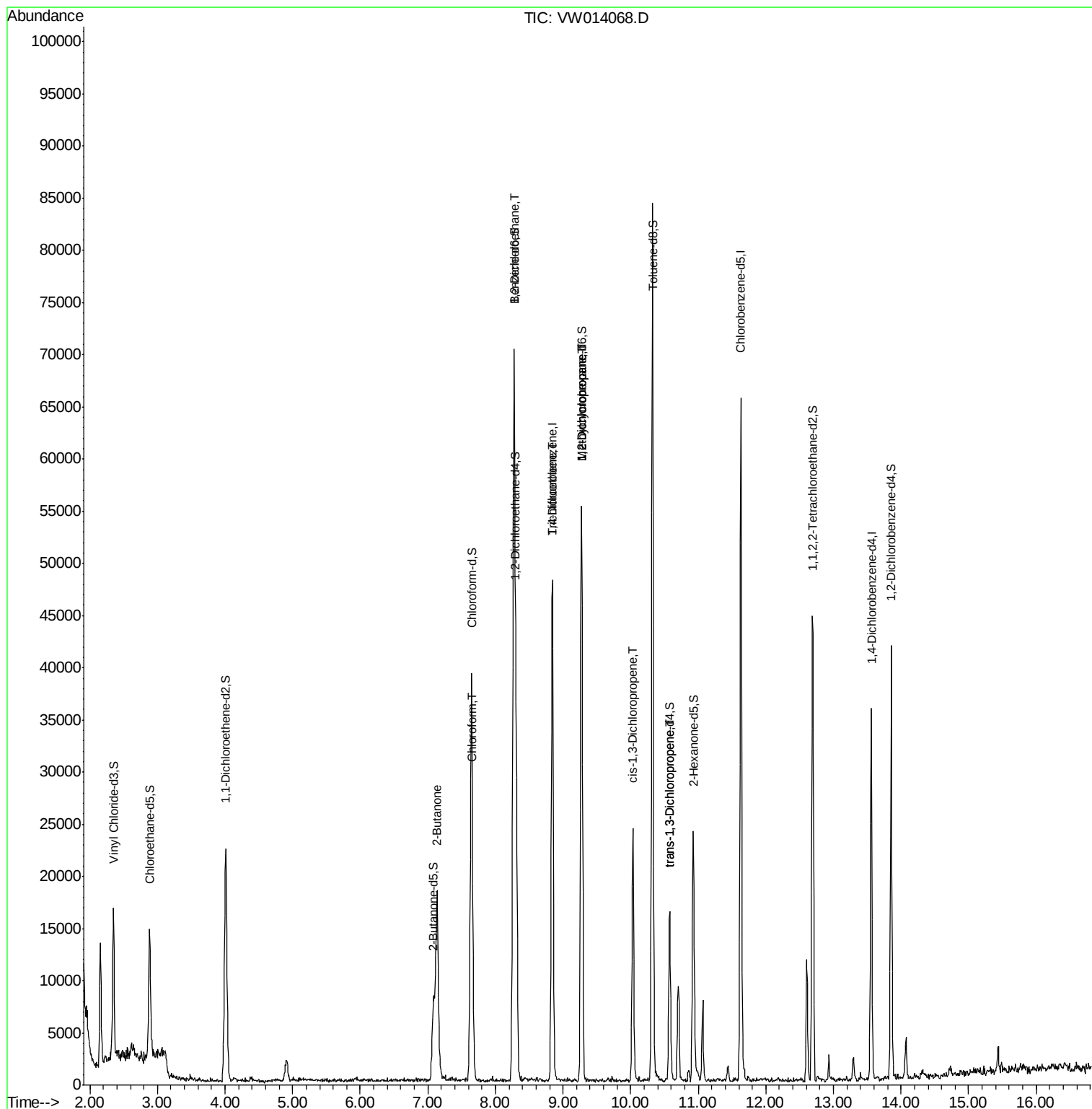
					Qvalue	
21) 2-Butanone	7.13	43	981	3.827	ug/L #	47
25) Chloroform	7.66	83	540	0.438	ug/L	87
27) 1,2-Dichloroethane	8.27	62	372	0.499	ug/L #	70
35) Trichloroethene	8.84	95	1389	1.774	ug/L #	2
36) Methylcyclohexane	9.27	83	6178	4.401	ug/L #	19
40) 1,2-Dichloropropane	9.27	63	2786	3.943	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	595	0.534	ug/L #	81
45) trans-1,3-Dichloropropene	10.58	75	447	0.507	ug/L #	10

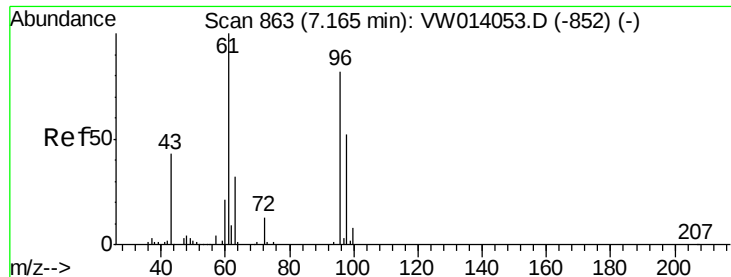
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 3.827 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW014068.D

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MSVOA_W

ClientSampleId :

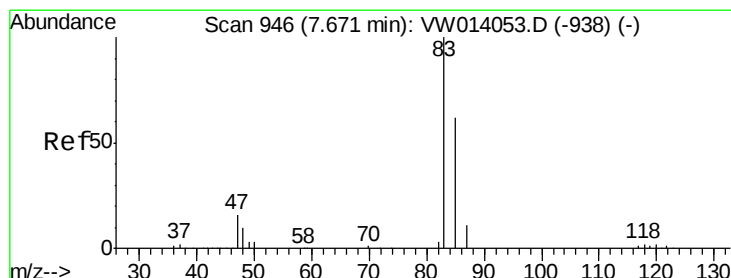
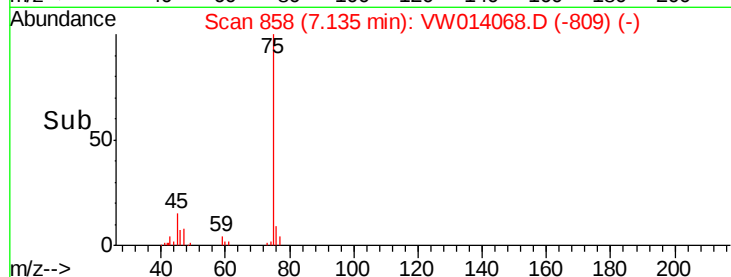
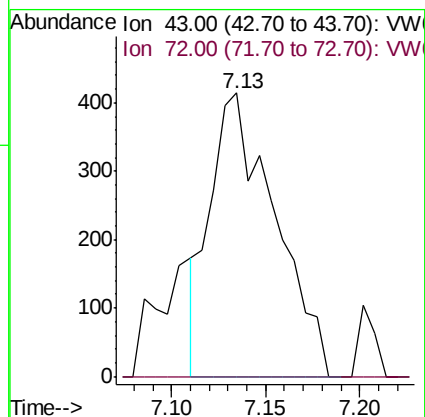
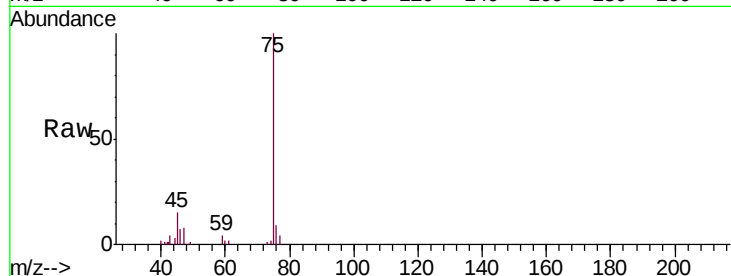
BFLR8RE

Tgt Ion: 43 Resp: 981

Ion Ratio Lower Upper

43 100

72 0.0 14.1 42.2#



#25

Chloroform

Concen: 0.438 ug/L

RT: 7.66 min Scan# 945

Delta R.T. -0.01 min

Lab File: VW014068.D

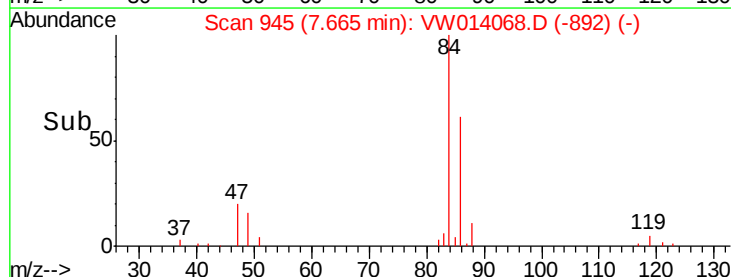
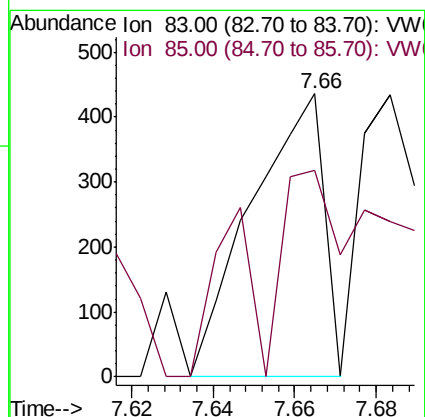
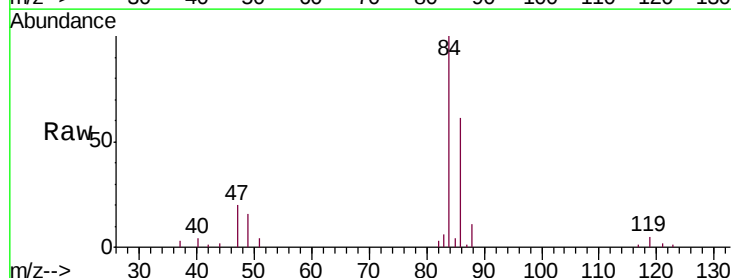
Acq: 18 Nov 2019 17:59

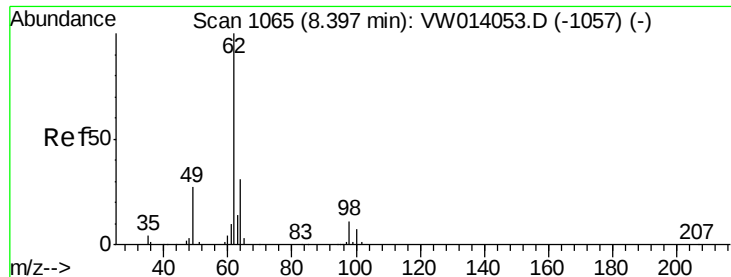
Tgt Ion: 83 Resp: 540

Ion Ratio Lower Upper

83 100

85 55.2 46.1 85.7

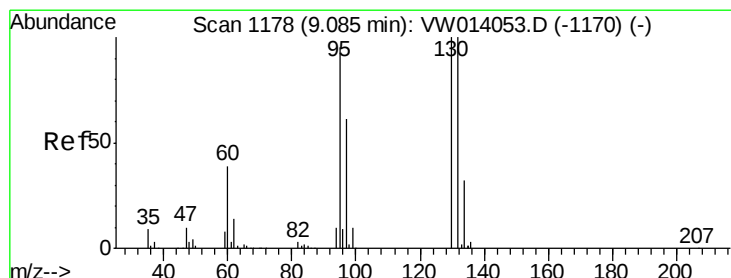
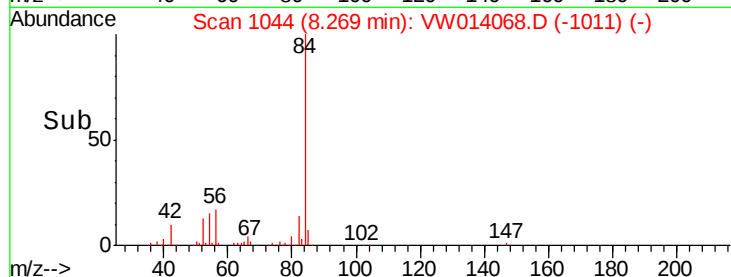
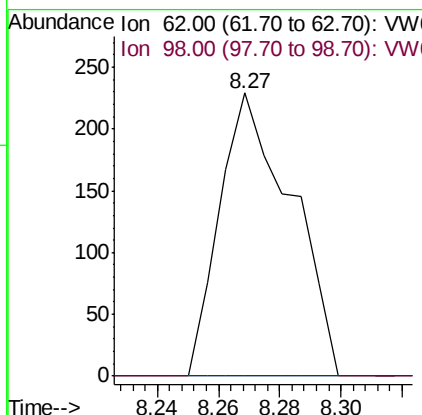
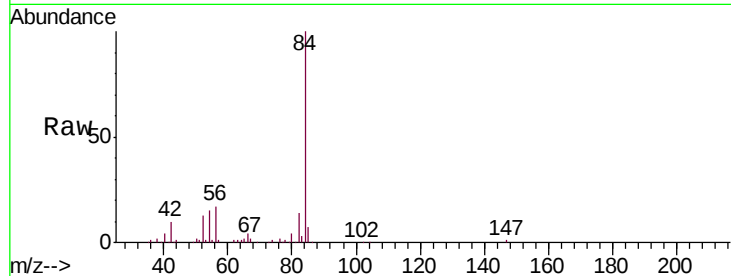




#27
 1,2-Dichloroethane
 Concen: 0.499 ug/L
 RT: 8.27 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW014068.D
 Acq: 18 Nov 2019 17:59

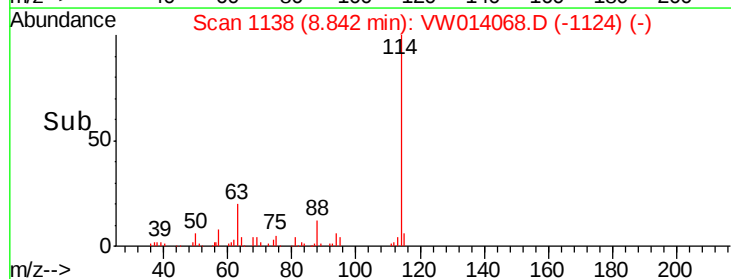
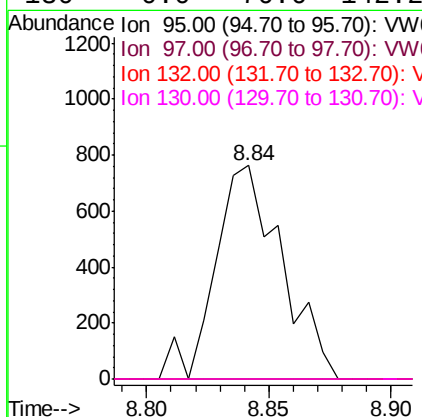
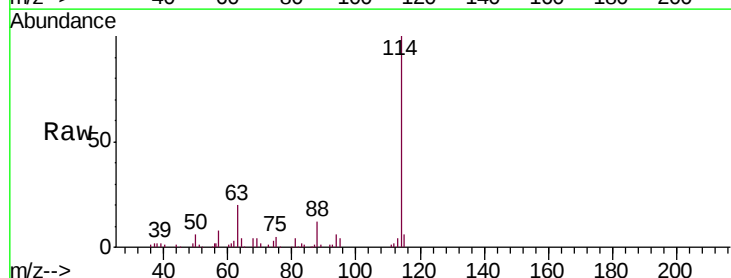
Instrument :
 MSVOA_W
 ClientSampleId :
 BFLR8RE

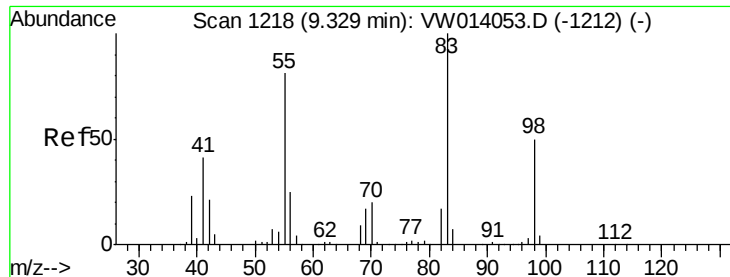
Tgt Ion: 62 Resp: 372
 Ion Ratio Lower Upper
 62 100
 98 0.0 9.3 13.9#



#35
 Trichloroethene
 Concen: 1.774 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.24 min
 Lab File: VW014068.D
 Acq: 18 Nov 2019 17:59

Tgt Ion: 95 Resp: 1389
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.1 83.9#
 132 0.0 73.7 136.9#
 130 0.0 76.6 142.2#





#36

Methylcyclohexane

Concen: 4.401 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.05 min

Lab File: VW014068.D

Acq: 18 Nov 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

BFLR8RE

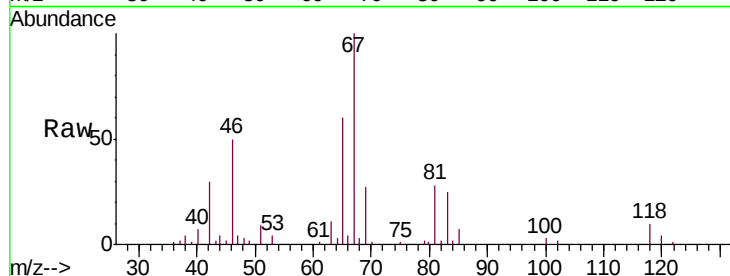
Tgt Ion: 83 Resp: 6178

Ion Ratio Lower Upper

83 100

55 0.0 59.8 89.8#

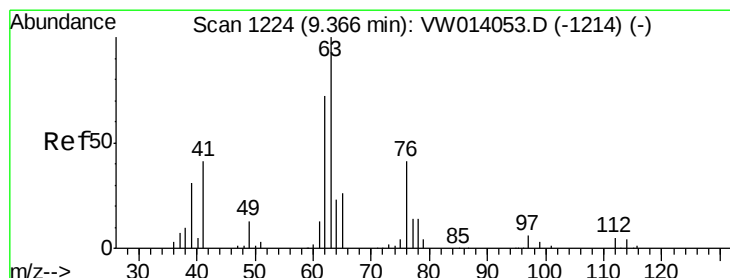
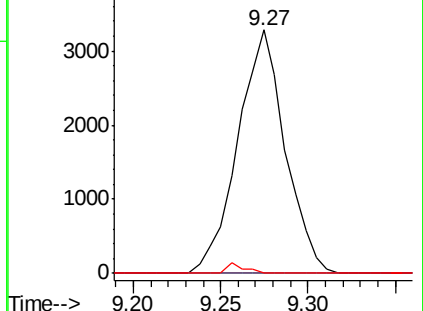
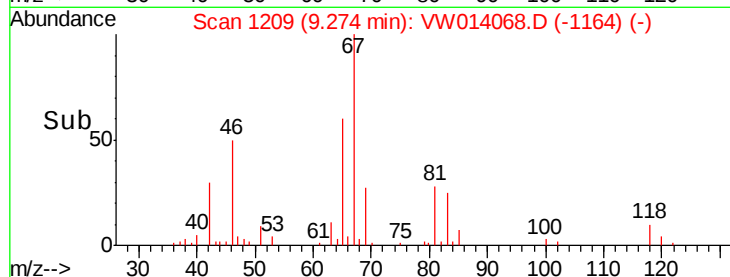
98 1.4 39.5 59.3#



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: 3.943 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW014068.D

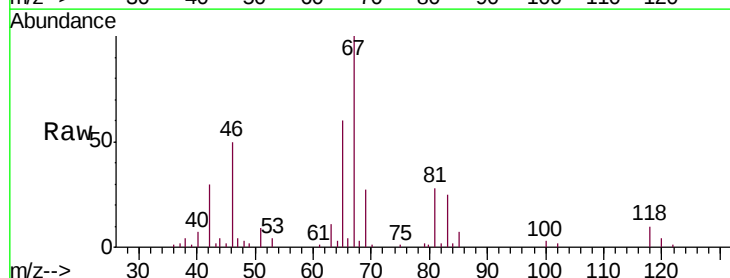
Acq: 18 Nov 2019 17:59

Tgt Ion: 63 Resp: 2786

Ion Ratio Lower Upper

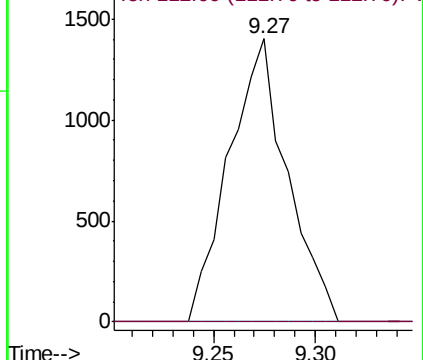
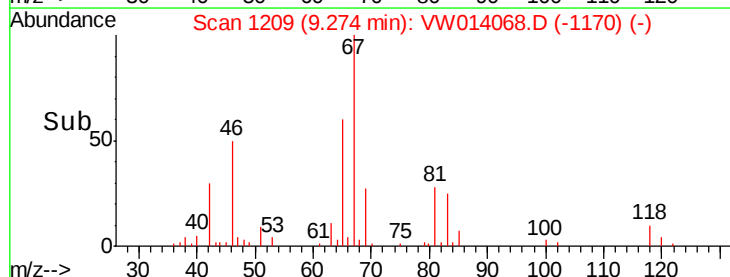
63 100

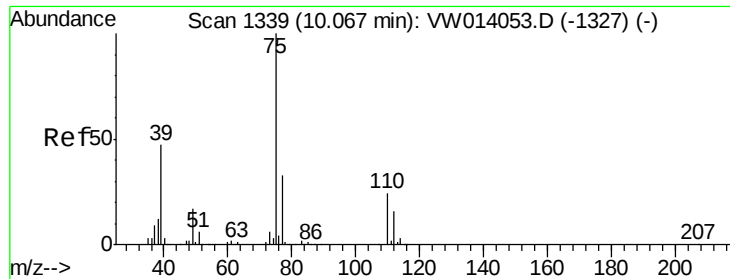
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

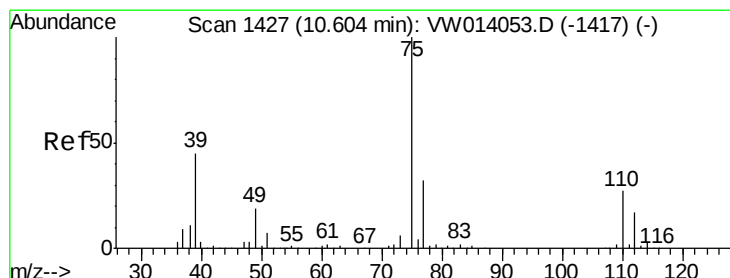
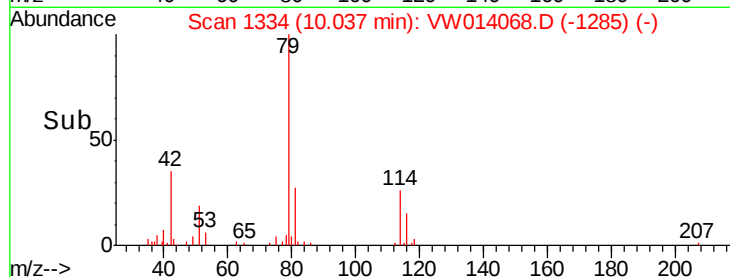
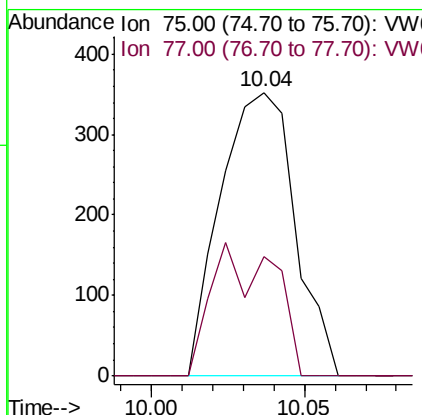
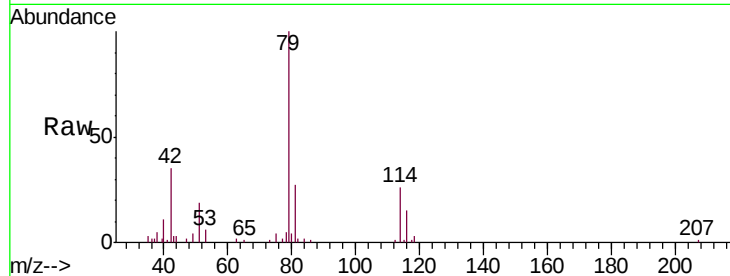




#42
 cis-1,3-Dichloropropene
 Concen: 0.534 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.03 min
 Lab File: VW014068.D
 Acq: 18 Nov 2019 17:59

Instrument :
 MSVOA_W
 ClientSampleId :
 BFLR8RE

Tgt Ion: 75 Resp: 595
 Ion Ratio Lower Upper
 75 100
 77 42.0 22.1 41.1#



#45
 trans-1,3-Dichloropropene
 Concen: 0.507 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: VW014068.D
 Acq: 18 Nov 2019 17:59

Tgt Ion: 75 Resp: 447
 Ion Ratio Lower Upper
 75 100
 77 80.9 21.8 40.6#

