

Data File : VW014100.D
Acq On : 22 Nov 2019 17:35
Operator : SY/VA
Sample : K5989-07RE
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BK3RE

Quant Time: Nov 22 23:05:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 22 23:01:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	79501	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	67818	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	18682	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	26015	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.04%
7) Chloroethane-d5	2.89	69	27200	26.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.80%
10) 1,1-Dichloroethene-d2	4.01	63	44268	17.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.04%
20) 2-Butanone-d5	7.07	46	28991	78.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.34%#
24) Chloroform-d	7.65	84	73342	30.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.00%
26) 1,2-Dichloroethane-d4	8.31	65	43216	35.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	140.64%#
29) Benzene-d6	8.27	84	142835	29.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.72%
33) 1,2-Dichloropropane-d6	9.27	67	47112	33.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.68%#
37) Toluene-d8	10.32	98	111872	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.08%
38) trans-1,3-Dichloropropene-	10.57	79	14944	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.04%
39) 2-Hexanone-d5	10.93	63	18235	68.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.44%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	44339	41.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	166.64%#
61) 1,2-Dichlorobenzene-d4	13.85	152	25681	34.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	136.84%#

Target Compounds

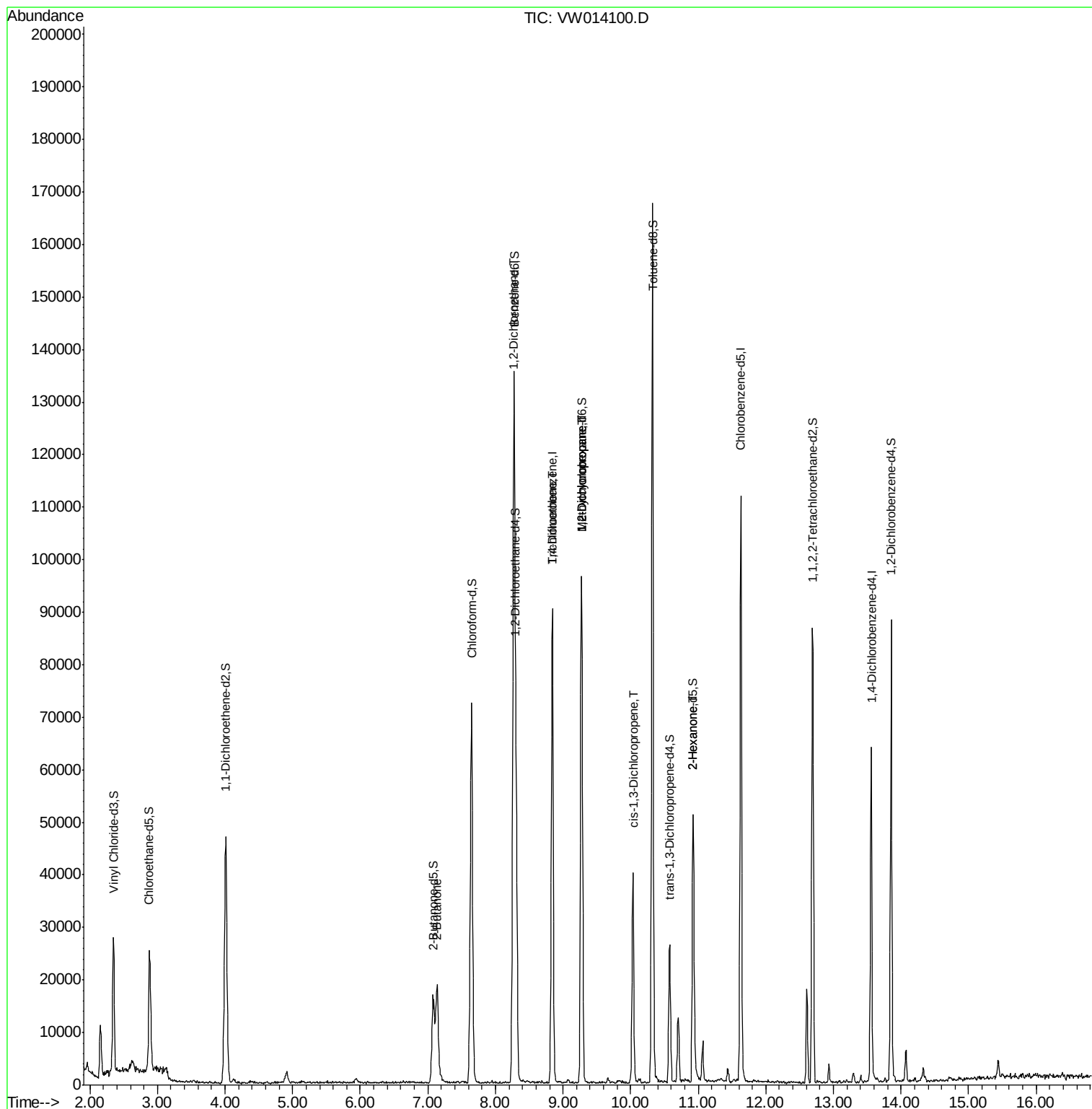
					Qvalue	
21) 2-Butanone	7.14	43	1754	3.641	ug/L #	47
27) 1,2-Dichloroethane	8.26	62	795	0.567	ug/L #	70
35) Trichloroethene	8.84	95	2317	1.746	ug/L #	2
36) Methylcyclohexane	9.27	83	11776	4.950	ug/L #	18
40) 1,2-Dichloropropane	9.27	63	4876	4.072	ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	1056	0.559	ug/L	85
49) 2-Hexanone	10.92	43	2721	4.774	ug/L #	60

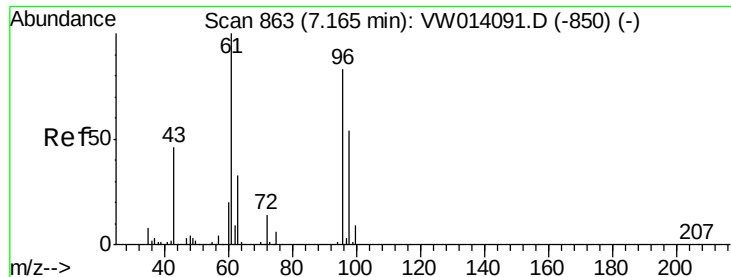
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 3.641 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

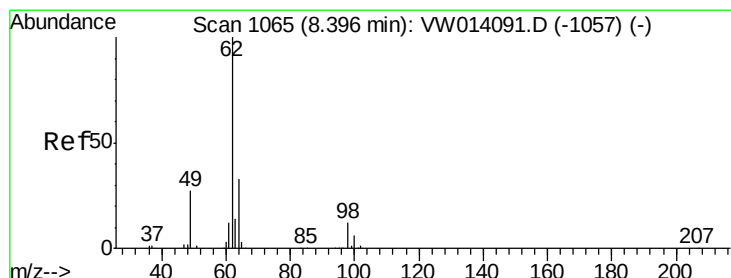
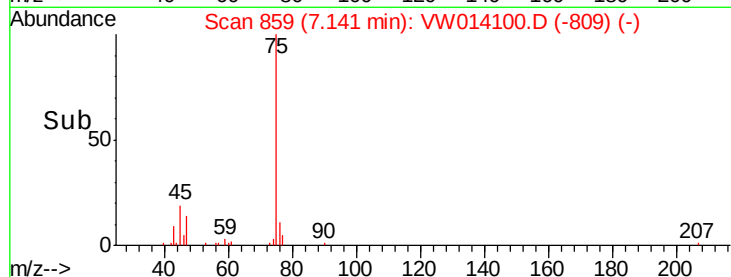
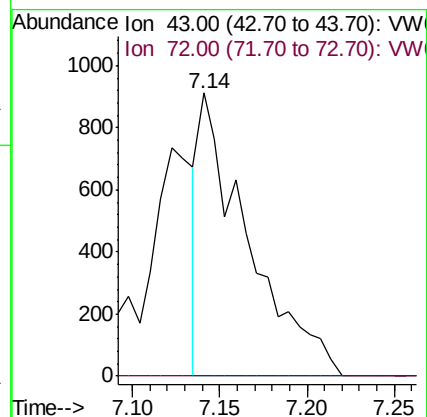
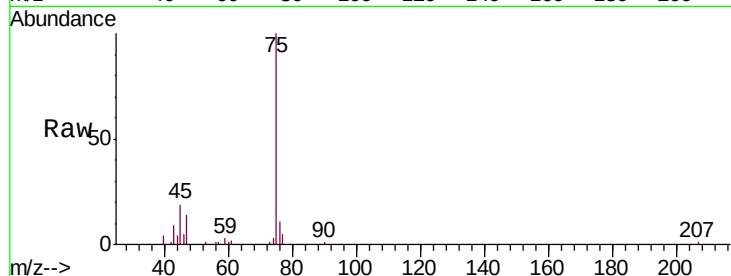
C0BK3RE

Tgt Ion: 43 Resp: 1754

Ion Ratio Lower Upper

43 100

72 0.0 14.1 42.2#



#27

1,2-Dichloroethane

Concen: 0.567 ug/L

RT: 8.26 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW014100.D

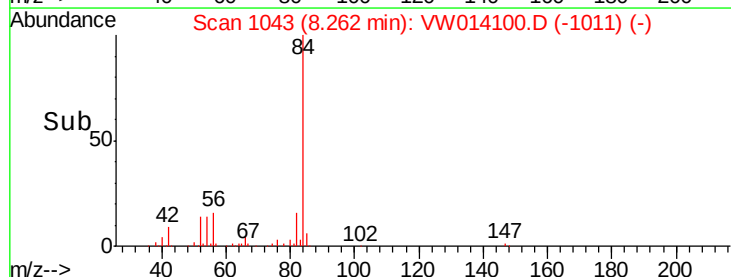
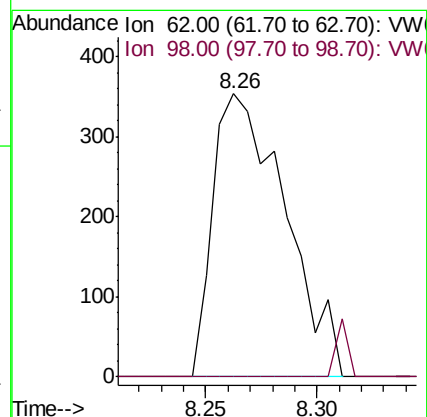
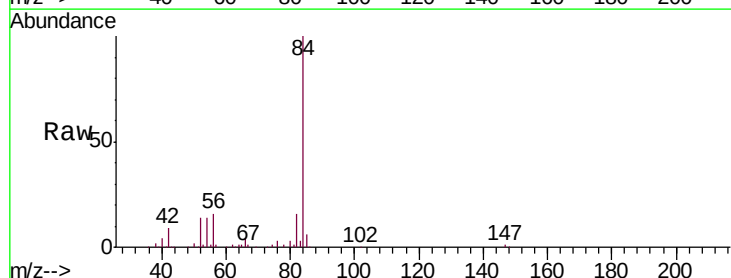
Acq: 22 Nov 2019 17:35

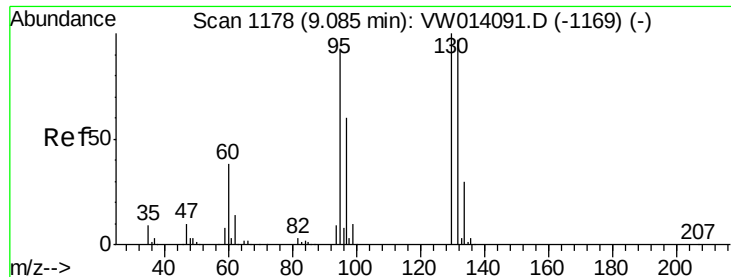
Tgt Ion: 62 Resp: 795

Ion Ratio Lower Upper

62 100

98 0.0 9.3 13.9#





#35

Trichloroethene

Concen: 1.746 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW014100.D

Acq: 22 Nov 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

C0BK3RE

Tgt Ion: 95 Resp: 2317

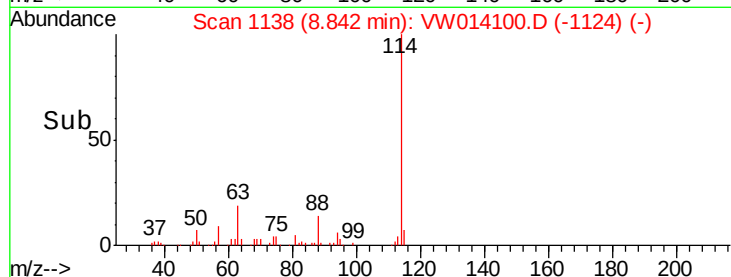
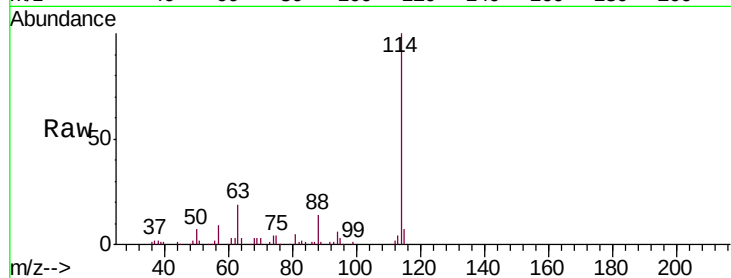
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

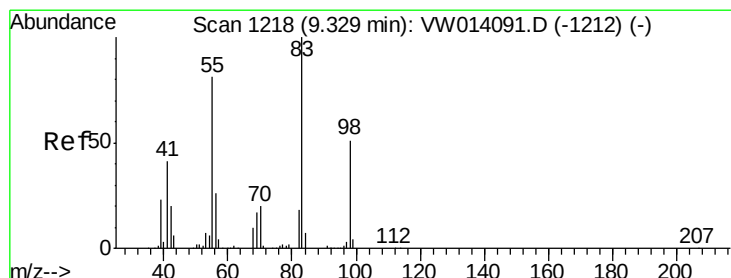
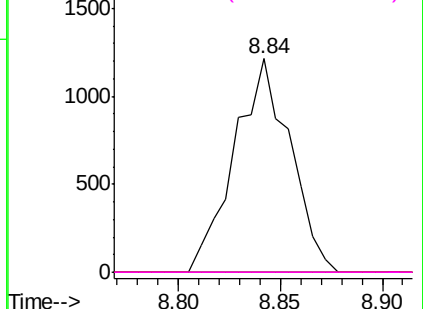


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 4.950 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.05 min

Lab File: VW014100.D

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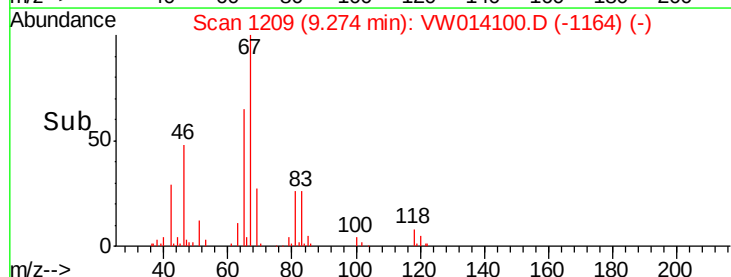
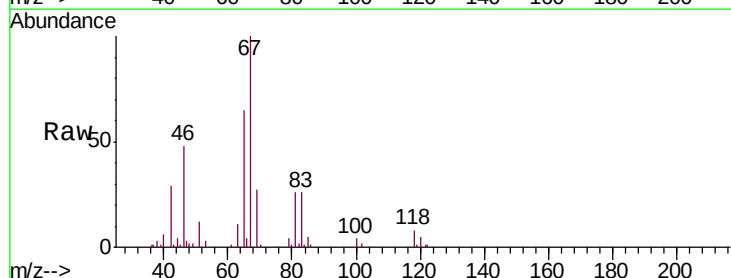
Tgt Ion: 83 Resp: 11776

Ion Ratio Lower Upper

83 100

55 0.0 59.8 89.8#

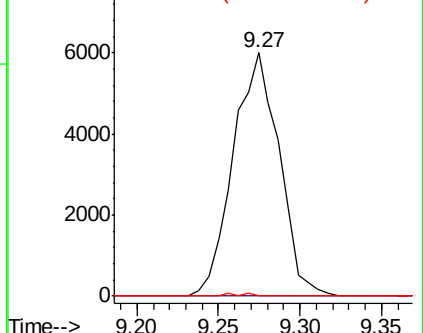
98 0.2 39.5 59.3#

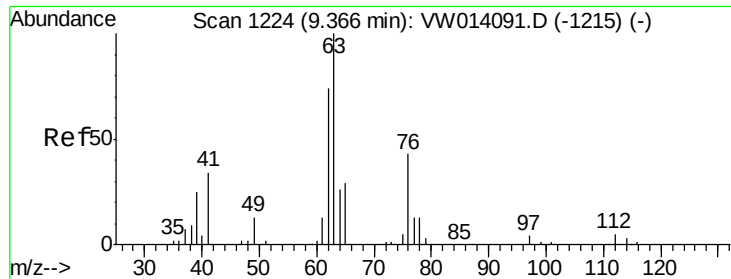


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

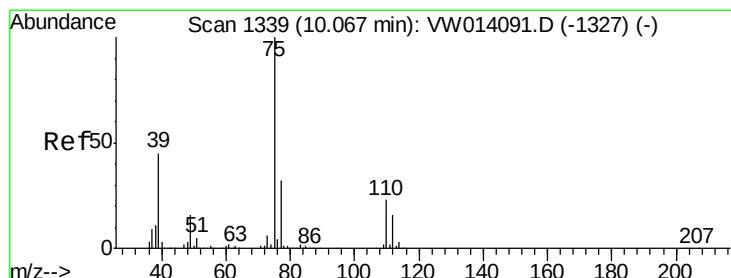
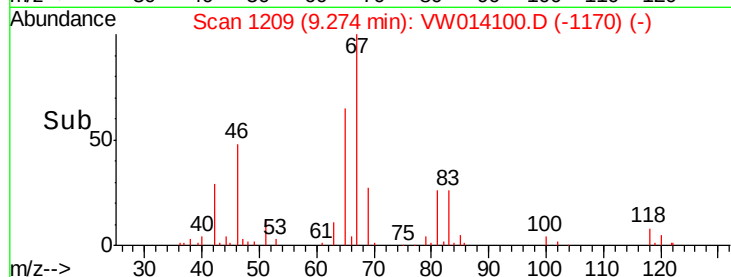
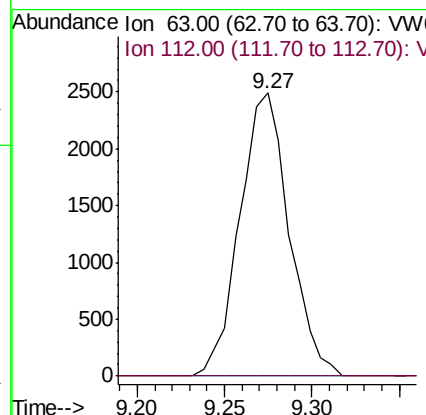
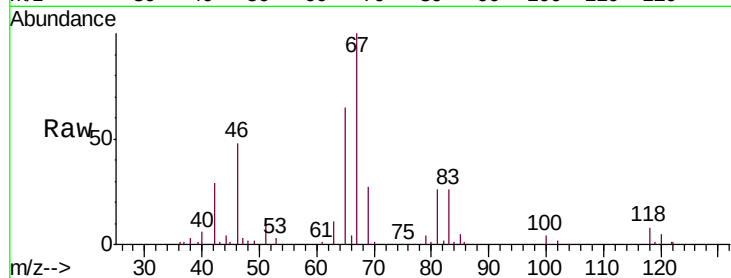




#40
 1,2-Dichloropropane
 Concen: 4.072 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW014100.D
 Acq: 22 Nov 2019 17:35

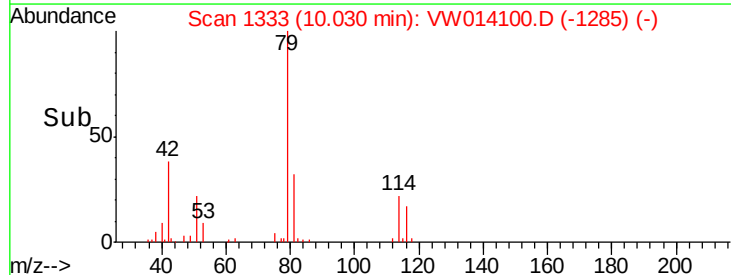
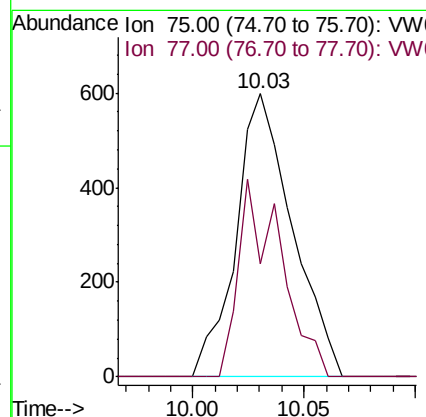
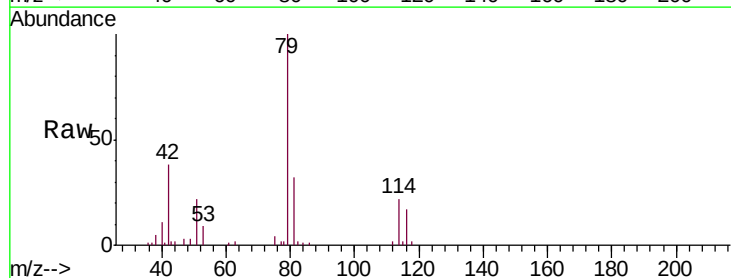
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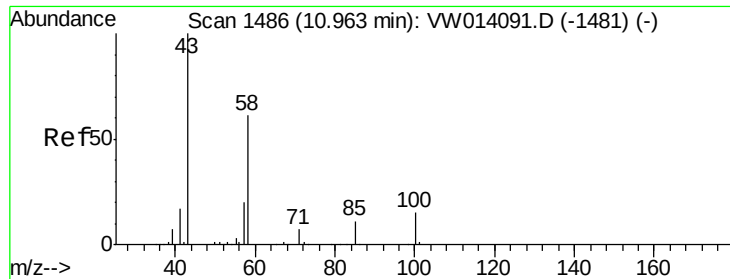
Tgt Ion: 63 Resp: 4876
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.559 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW014100.D
 Acq: 22 Nov 2019 17:35

Tgt Ion: 75 Resp: 1056
 Ion Ratio Lower Upper
 75 100
 77 40.0 22.1 41.1





#49

2-Hexanone

Concen: 4.774 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014100.D

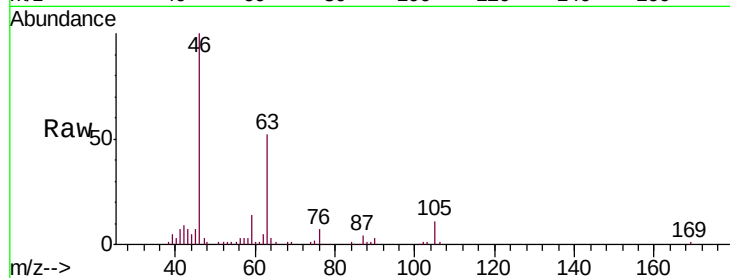
Acq: 22 Nov 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

C0BK3RE



Tgt Ion: 43 Resp: 2721

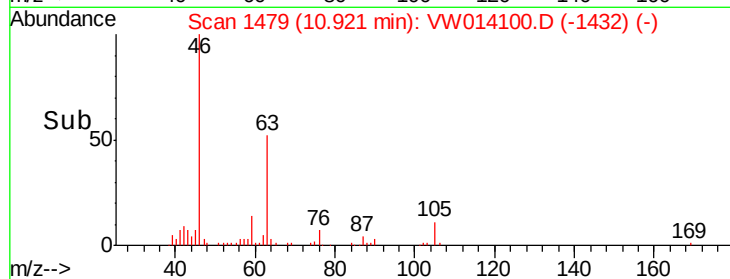
Ion Ratio Lower Upper

43 100

58 20.4 44.4 66.6#

57 29.7 16.5 24.7#

100 0.0 11.1 16.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

