

Data File : VW013814.D
Acq On : 30 Oct 2019 01:12
Operator : SY/VA
Sample : K5565-10
Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLNB6

Quant Time: Oct 30 08:19:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 08:16:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	15024	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	15957	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	5113	25.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	3830	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.12%
7) Chloroethane-d5	2.89	69	5170	30.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.20%
10) 1,1-Dichloroethene-d2	4.03	63	7022	17.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.00%
20) 2-Butanone-d5	7.09	46	6721	101.94	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	203.88%#
24) Chloroform-d	7.65	84	14737	35.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	140.24%
26) 1,2-Dichloroethane-d4	8.30	65	9591	43.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	174.52%#
29) Benzene-d6	8.27	84	25613	26.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.88%
33) 1,2-Dichloropropane-d6	9.27	67	9670	33.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.08%#
37) Toluene-d8	10.32	98	20454	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.52%
38) trans-1,3-Dichloropropene-	10.58	79	3872	29.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.92%
39) 2-Hexanone-d5	10.93	63	3658	66.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	10969	46.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	187.08%#
61) 1,2-Dichlorobenzene-d4	13.86	152	6583	36.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	145.72%#

Target Compounds

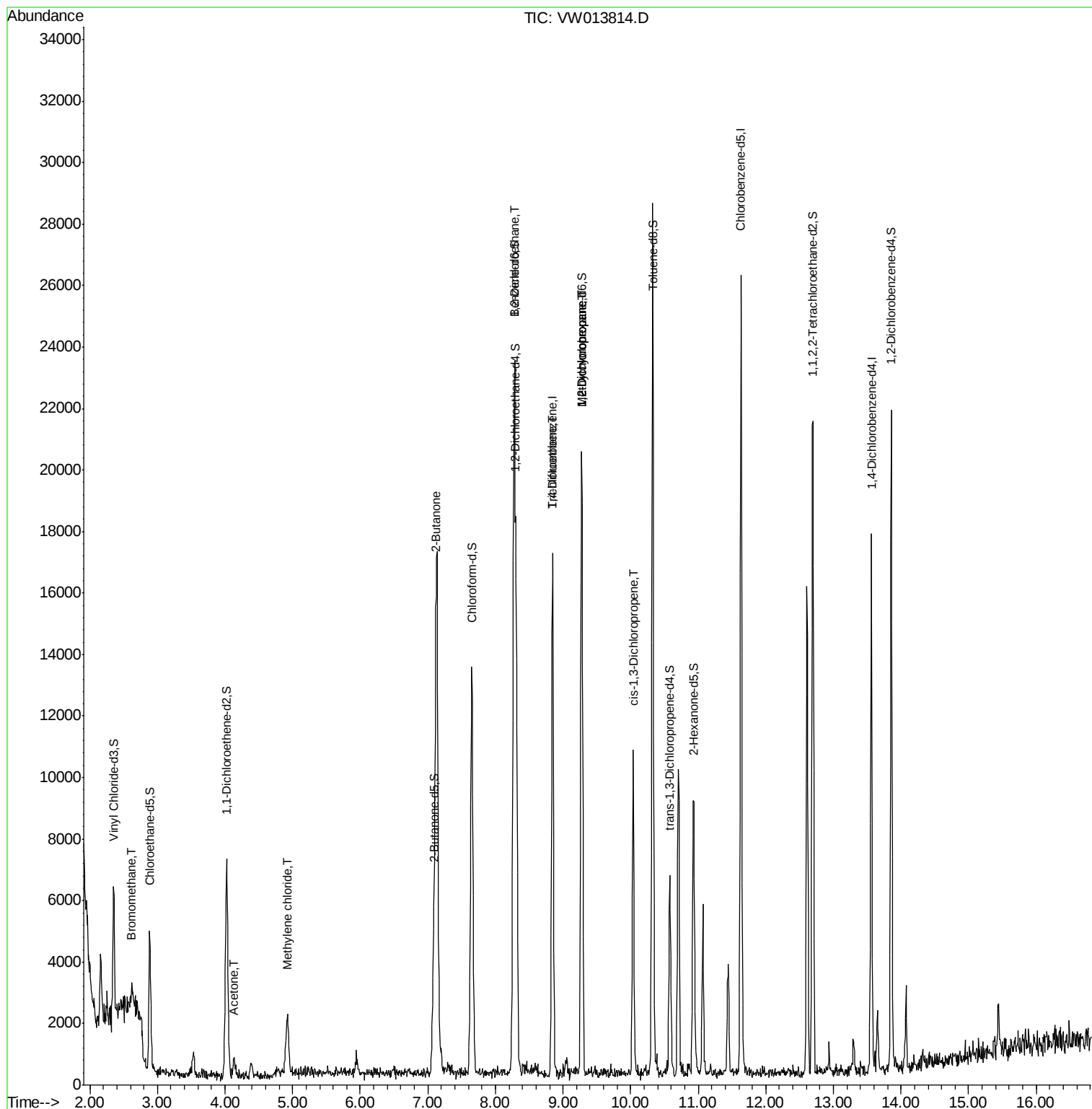
					Qvalue
6) Bromomethane	2.61	94	43	0.260 ug/L #	3
13) Acetone	4.13	43	522	7.134 ug/L	69
16) Methylene chloride	4.92	84	1143	3.973 ug/L #	80
21) 2-Butanone	7.12	43	700	7.534 ug/L	74
27) 1,2-Dichloroethane	8.27	62	130	0.452 ug/L #	69
35) Trichloroethene	8.84	95	573	1.951 ug/L #	2
36) Methylcyclohexane	9.27	83	2555	4.935 ug/L #	20
40) 1,2-Dichloropropane	9.28	63	855	3.054 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	168	0.380 ug/L #	42

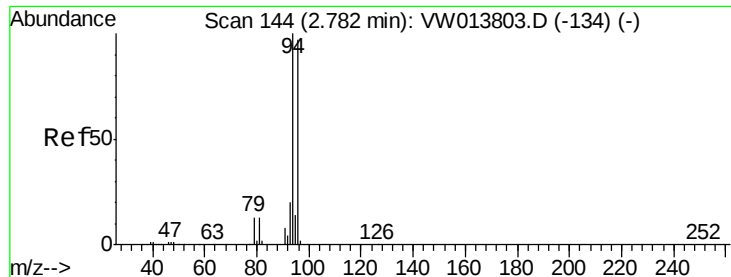
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Bromomethane

Concen: 0.260 ug/L

RT: 2.61 min Scan# 116

Delta R.T. -0.17 min

Lab File: VW013814.D

Acq: 30 Oct 2019 01:12

Instrument :

MSVOA_W

ClientSampled :

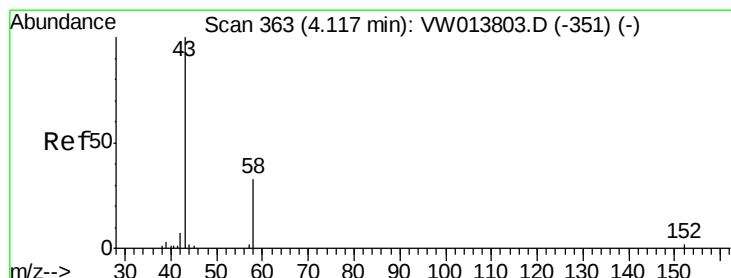
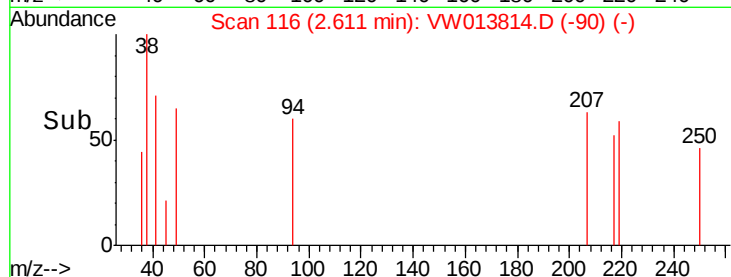
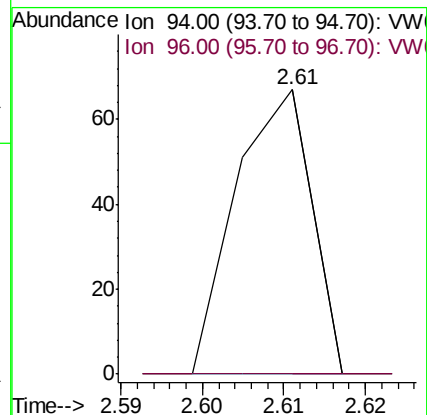
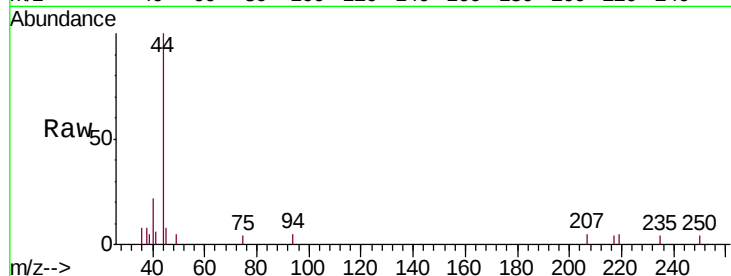
JLNB6

Tgt Ion: 94 Resp: 43

Ion Ratio Lower Upper

94 100

96 0.0 9.3 176.9#



#13

Acetone

Concen: 7.134 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013814.D

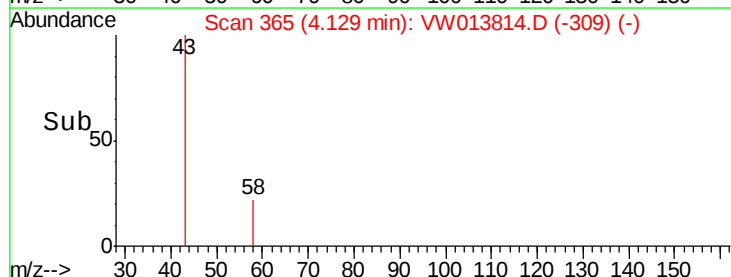
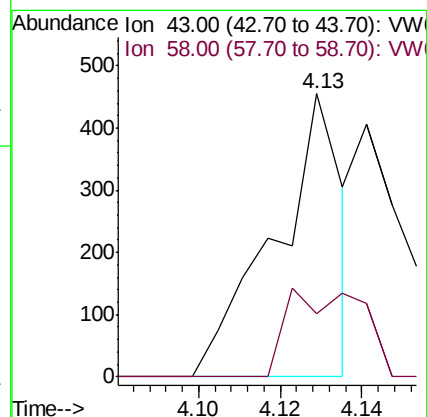
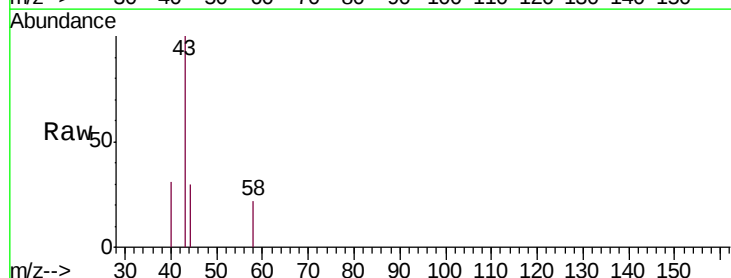
Acq: 30 Oct 2019 01:12

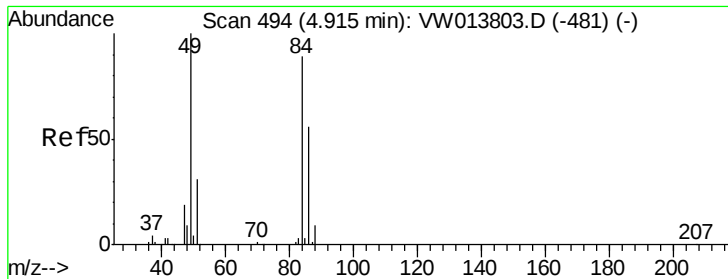
Tgt Ion: 43 Resp: 522

Ion Ratio Lower Upper

43 100

58 17.2 0.0 70.4

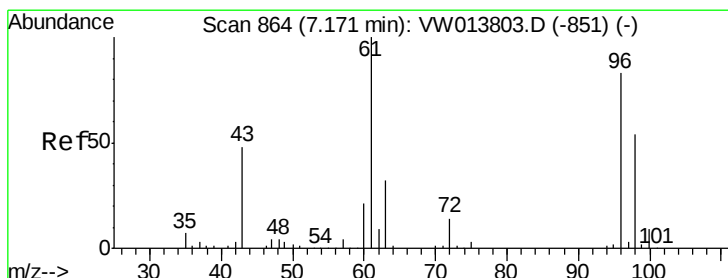
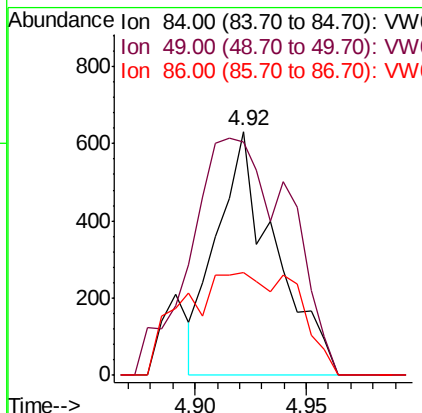
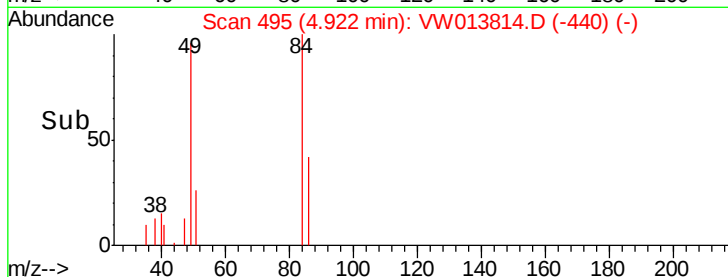
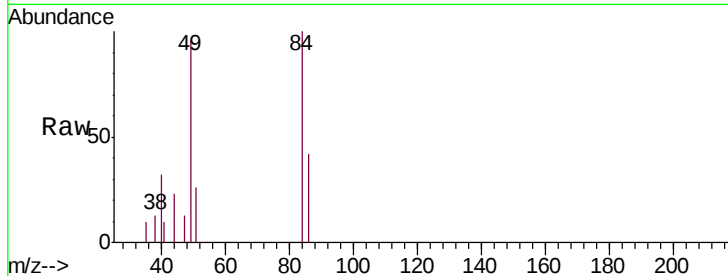




#16
Methylene chloride
Concen: 3.973 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013814.D
Acq: 30 Oct 2019 01:12

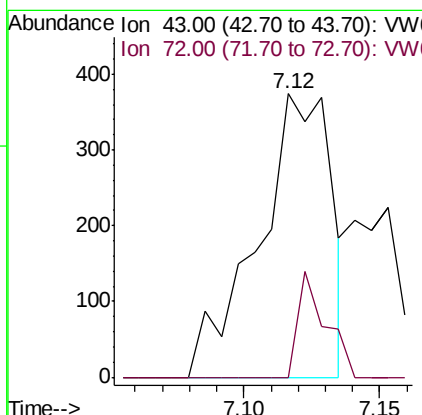
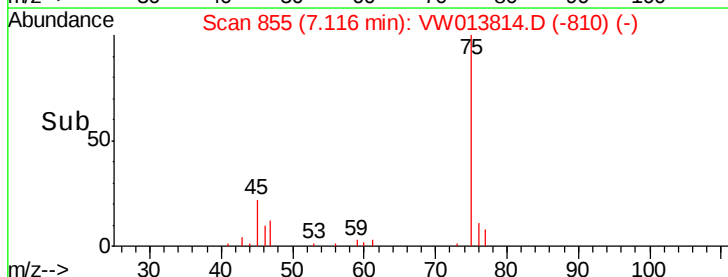
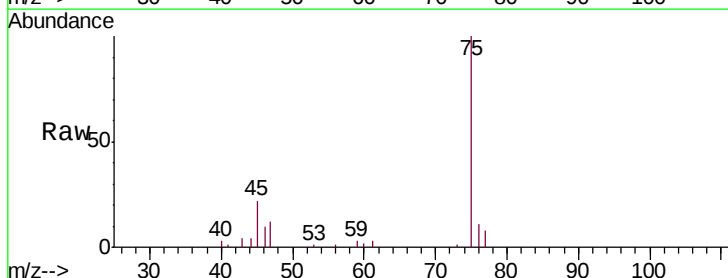
Instrument :
MSVOA_W
ClientSampleId :
JLNB6

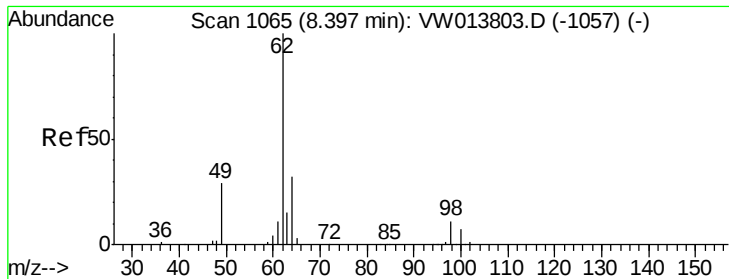
Tgt Ion: 84 Resp: 1143
Ion Ratio Lower Upper
84 100
49 95.6 80.2 148.9
86 42.3 42.7 79.3#



#21
2-Butanone
Concen: 7.534 ug/L
RT: 7.12 min Scan# 855
Delta R.T. -0.05 min
Lab File: VW013814.D
Acq: 30 Oct 2019 01:12

Tgt Ion: 43 Resp: 700
Ion Ratio Lower Upper
43 100
72 14.0 13.7 41.1





#27

1,2-Dichloroethane

Concen: 0.452 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW013814.D

Acq: 30 Oct 2019 01:12

Instrument :

MSVOA_W

ClientSampleId :

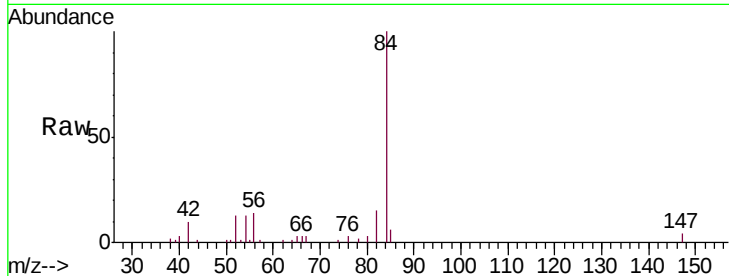
JLNB6

Tgt Ion: 62 Resp: 130

Ion Ratio Lower Upper

62 100

98 0.0 9.6 14.4#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

8.27

150

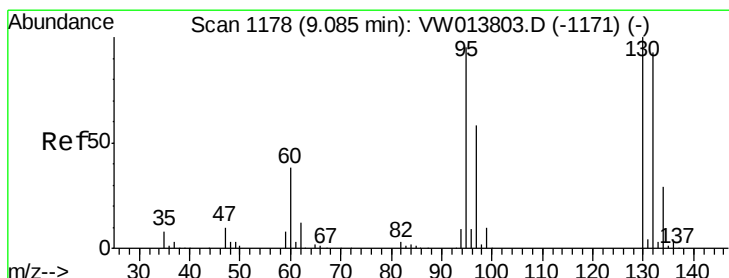
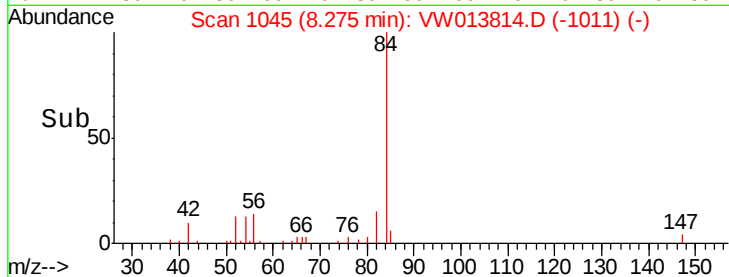
100

50

0

8.26 8.27 8.28 8.29 8.30

Time-->



#35

Trichloroethene

Concen: 1.951 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW013814.D

Acq: 30 Oct 2019 01:12

Tgt Ion: 95 Resp: 573

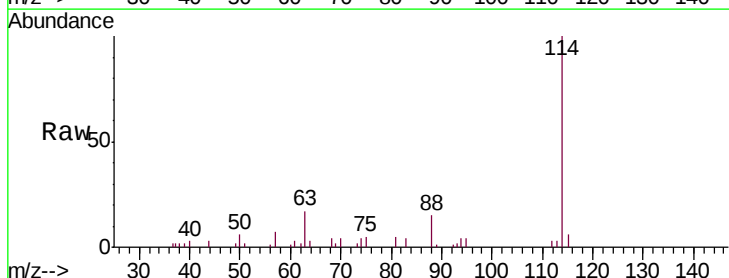
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#



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

400

300

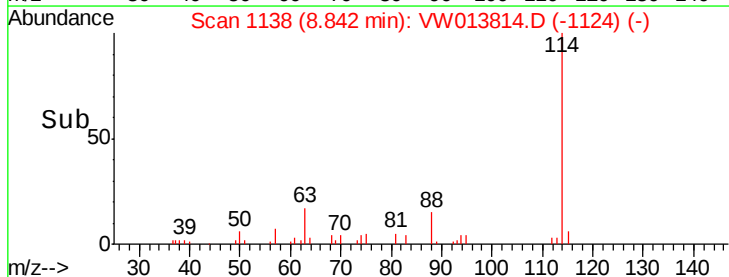
200

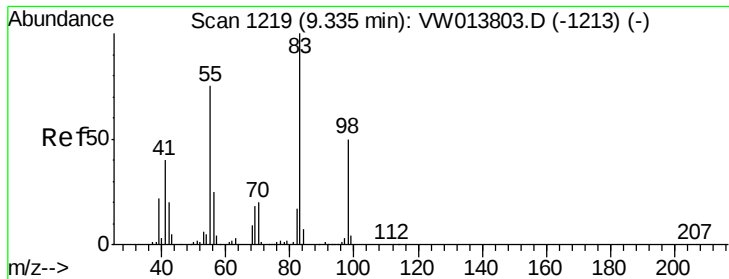
100

0

8.80 8.85

Time-->

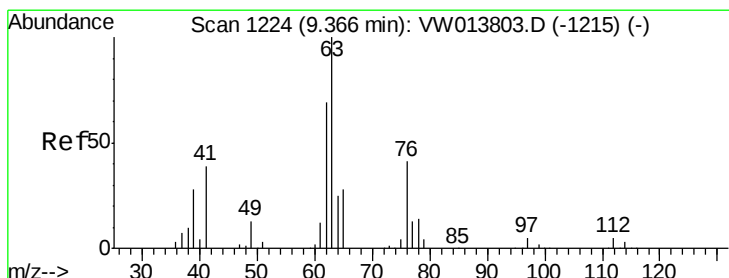
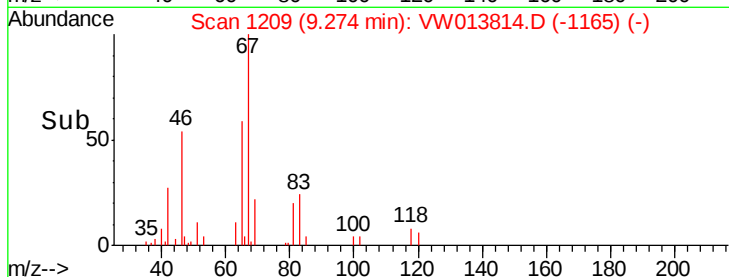
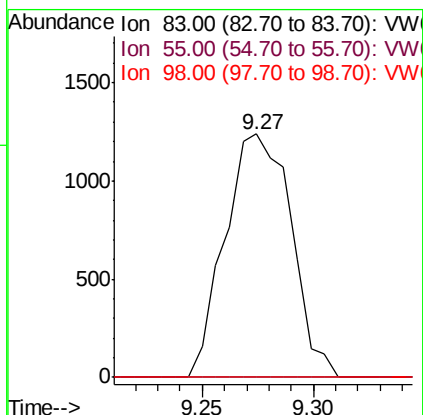
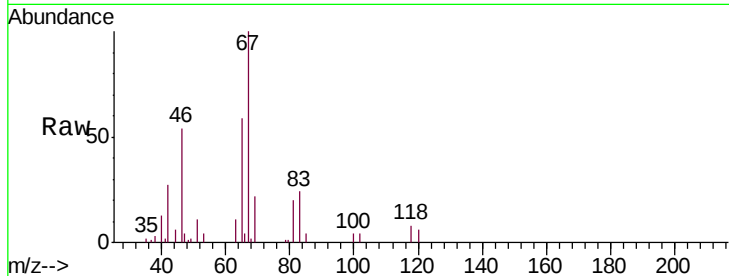




#36
Methylcyclohexane
Concen: 4.935 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW013814.D
Acq: 30 Oct 2019 01:12

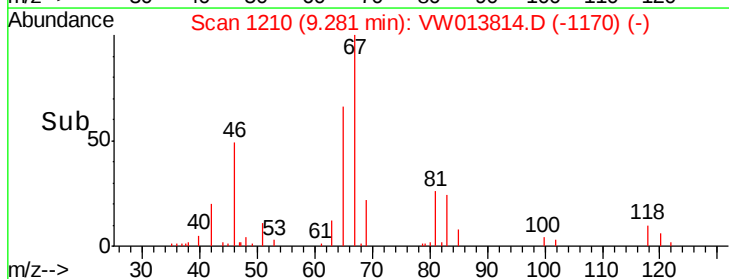
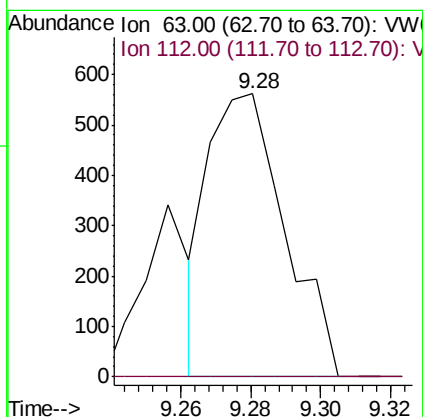
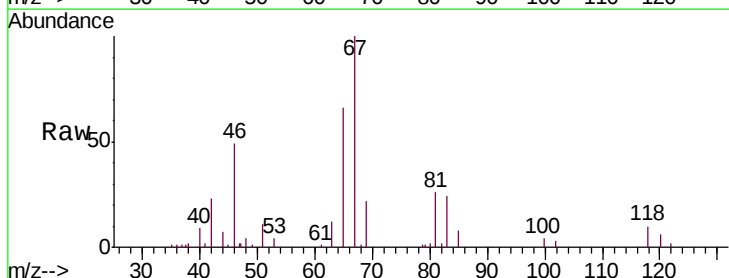
Instrument :
MSVOA_W
ClientSampleId :
JLNB6

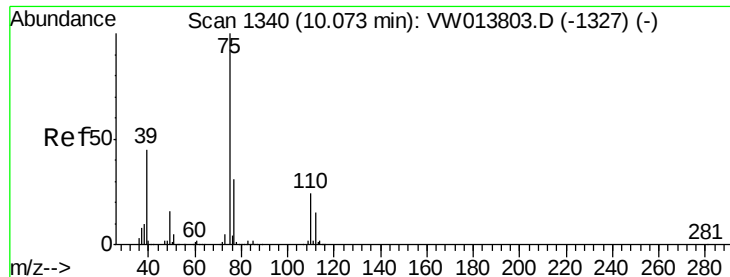
Tgt Ion: 83 Resp: 2555
Ion Ratio Lower Upper
83 100
55 1.8 60.2 90.4#
98 0.0 39.1 58.7#



#40
1,2-Dichloropropane
Concen: 3.054 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW013814.D
Acq: 30 Oct 2019 01:12

Tgt Ion: 63 Resp: 855
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#42

cis-1,3-Dichloropropene

Concen: 0.380 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW013814.D

Acq: 30 Oct 2019 01:12

Instrument :

MSVOA_W

ClientSampleId :

JLNB6

Tgt Ion: 75 Resp: 168

Ion Ratio Lower Upper

75 100

77 0.0 22.5 41.9#

