

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005775.D
 Acq On : 02 Oct 2018 14:37
 Operator : SY/AP
 Sample : J5181-18
 Misc : 5.27G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 05:11:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 05:07:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	128778	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	137992	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	56129	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	24319	14.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.24%
7) Chloroethane-d5	2.89	69	23015	17.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.88%
10) 1,1-Dichloroethene-d2	4.00	63	43999	12.27	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.08%
20) 2-Butanone-d5	7.09	46	25617	48.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.22%
24) Chloroform-d	7.65	84	76686	23.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.72%
26) 1,2-Dichloroethane-d4	8.31	65	49685	24.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.20%
29) Benzene-d6	8.28	84	128180	18.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.04%
33) 1,2-Dichloropropane-d6	9.27	67	42293	21.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.68%
37) Toluene-d8	10.33	98	117915	17.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.92%
38) trans-1,3-Dichloropropene-	10.58	79	20668	19.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.72%
39) 2-Hexanone-d5	10.93	63	19488	42.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.30%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	44809	23.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	45377	22.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.40%

Target Compounds

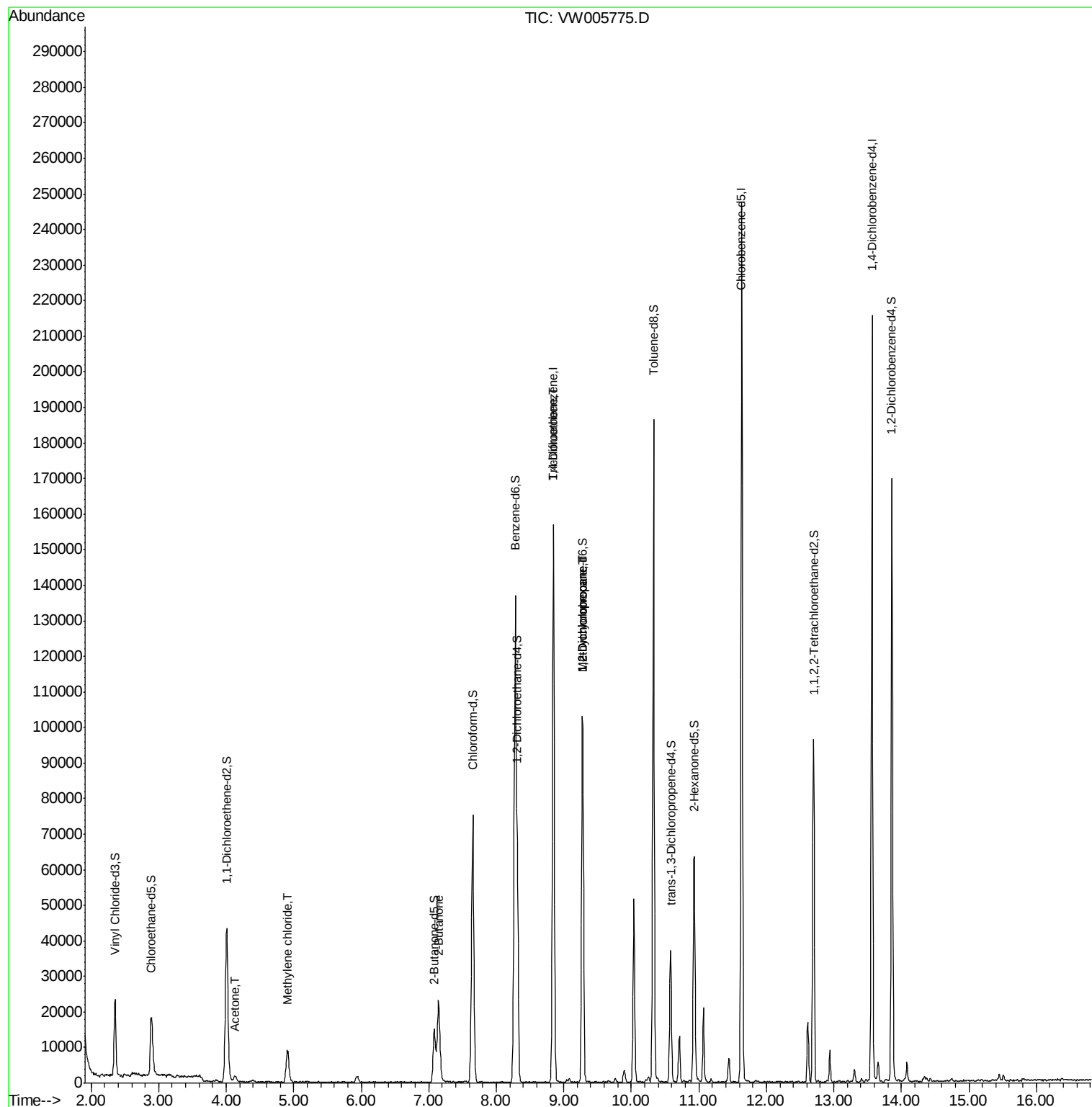
					Ovalue
13) Acetone	4.12	43	2756	5.022 ug/L	92
16) Methylene chloride	4.90	84	3657	1.722 ug/L	91
21) 2-Butanone	7.14	43	1337	2.034 ug/L #	49
35) Trichloroethene	8.84	95	4105	1.968 ug/L #	5
36) Methylcyclohexane	9.27	83	11607	3.200 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	5552	2.922 ug/L #	87

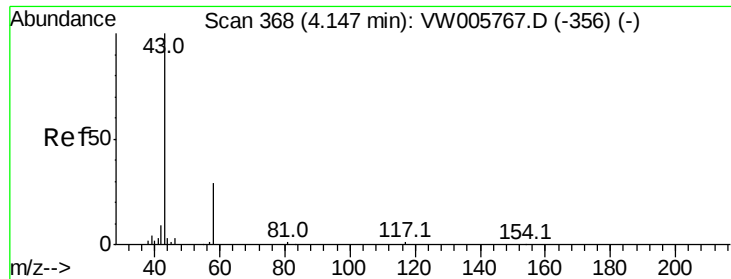
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 03 05:07:10 2018
Response via : Initial Calibration





#13

Acetone

Concen: 5.022 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW005775.D

Acq: 02 Oct 2018 14:37

Instrument :

MSVOA_W

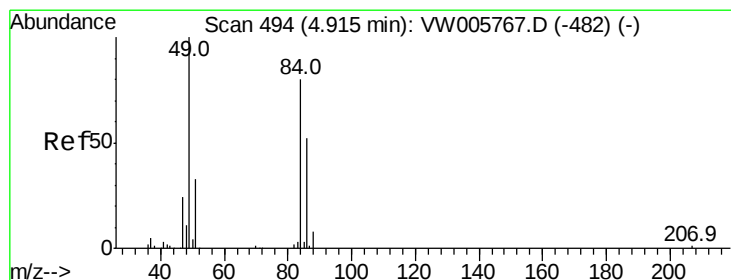
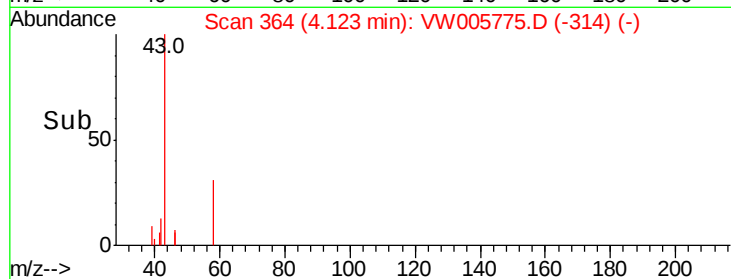
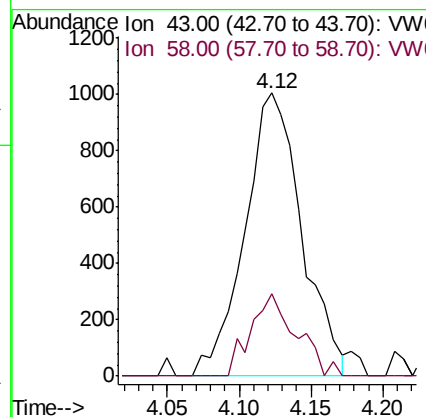
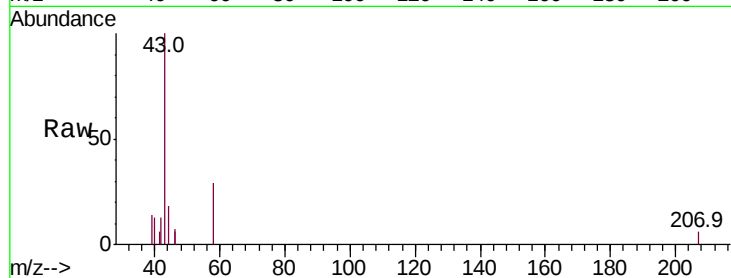
ClientSampleId :

Tot Ion: 43 Resp: 2756

Ion Ratio Lower Upper

43 100

58 19.3 0.0 31.8



#16

Methylene chloride

Concen: 1.722 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW005775.D

Acq: 02 Oct 2018 14:37

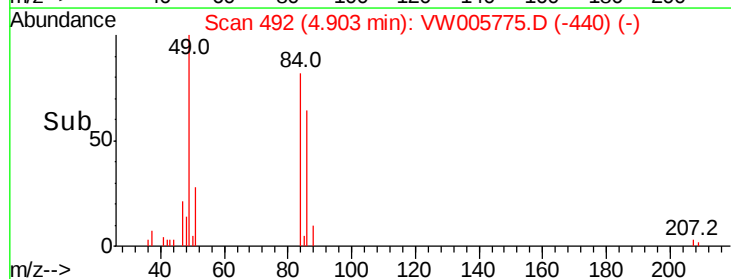
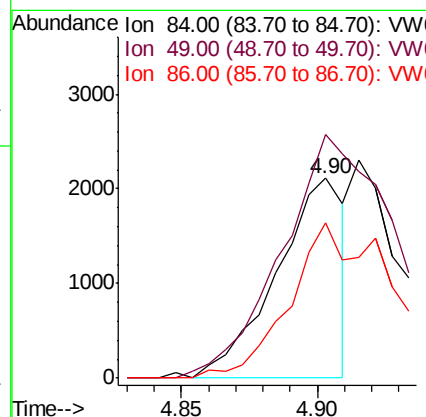
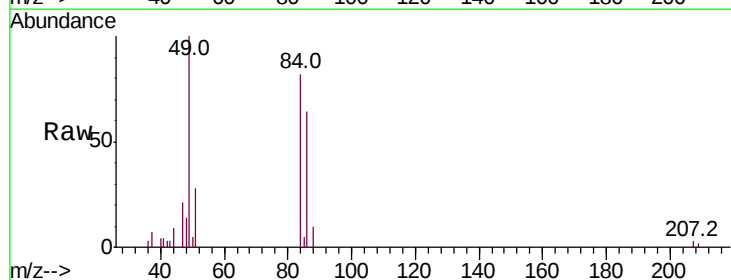
Tgt Ion: 84 Resp: 3657

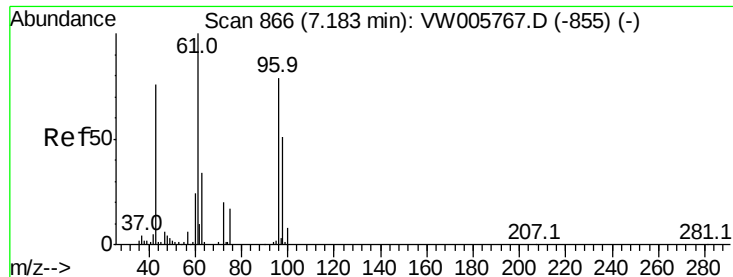
Ion Ratio Lower Upper

84 100

49 121.8 87.2 162.0

86 77.9 43.2 80.2





#21

2-Butanone

Concen: 2.034 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW005775.D

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Instrument :

MSVOA_W

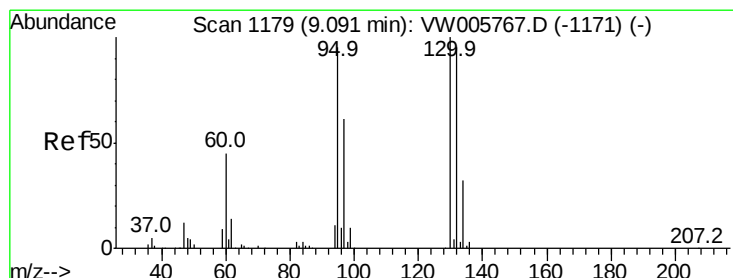
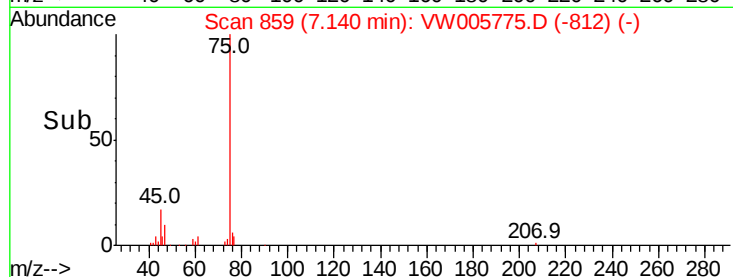
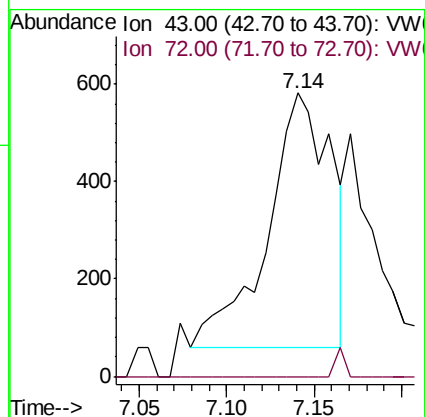
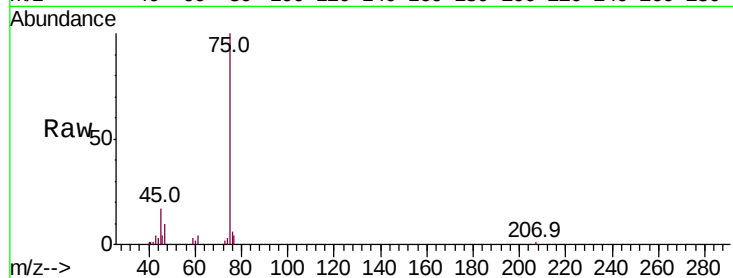
ClientSampleId :

Tot Ion: 43 Resp: 1337

Ion Ratio Lower Upper

43 100

72 0.0 13.2 39.6#



#35

Trichloroethene

Concen: 1.968 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW005775.D

Acq: 02 Oct 2018 14:37

Tgt Ion: 95 Resp: 4105

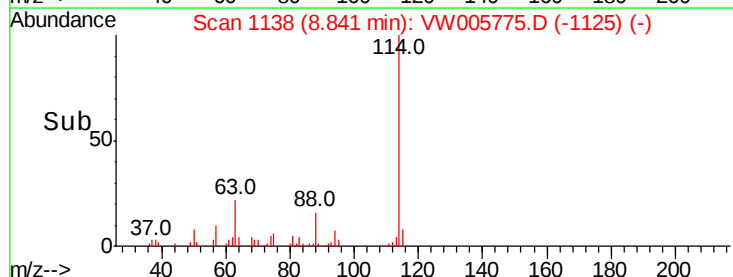
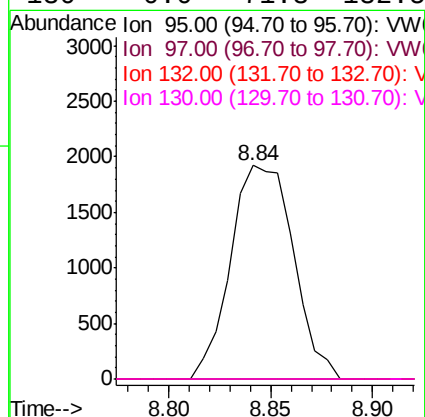
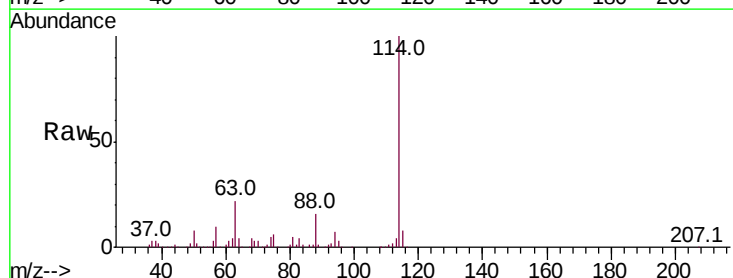
Ion Ratio Lower Upper

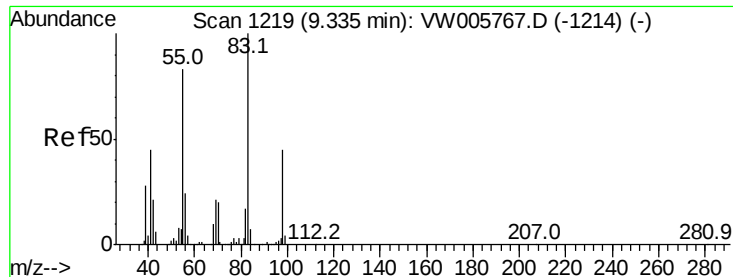
95 100

97 1.1 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

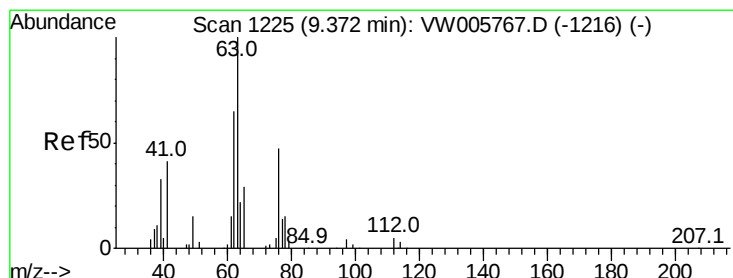
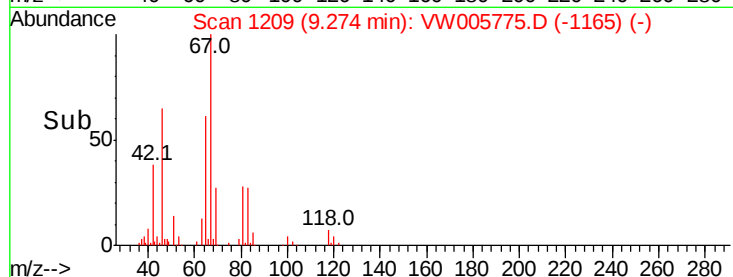
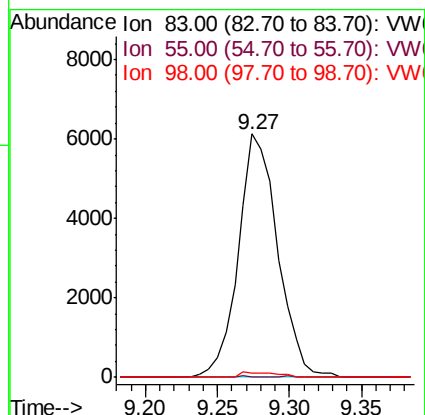
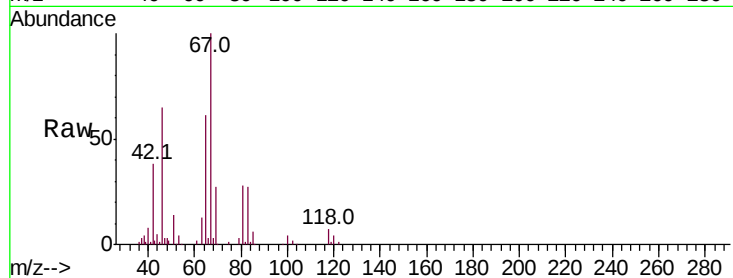




#36
Methvlcvclohexane
Concen: 3.200 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW005775.D
Acq: 02 Oct 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 11607
Ion Ratio Lower Upper
83 100
55 0.0 62.5 93.7#
98 0.7 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 2.922 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW005775.D
Acq: 02 Oct 2018 14:37

Tgt Ion: 63 Resp: 5552
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

