

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005781.D
 Acq On : 02 Oct 2018 17:12
 Operator : SY/AP
 Sample : J5180-08
 Misc : 4.45G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 05:11:53 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	93476	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	93148	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	30911	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	21157	17.75	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.00%
7) Chloroethane-d5	2.89	69	19676	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.64%
10) 1,1-Dichloroethene-d2	4.00	63	35198	13.53	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.12%
20) 2-Butanone-d5	7.08	46	21879	57.19	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.38%
24) Chloroform-d	7.65	84	66625	27.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.96%
26) 1,2-Dichloroethane-d4	8.31	65	44733	30.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.04%
29) Benzene-d6	8.28	84	105650	22.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.64%
33) 1,2-Dichloropropane-d6	9.28	67	35807	26.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.48%
37) Toluene-d8	10.33	98	94956	20.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.44%
38) trans-1,3-Dichloropropene-	10.58	79	16142	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.24%
39) 2-Hexanone-d5	10.93	63	16582	53.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	38248	29.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	28715	26.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.00%

Target Compounds

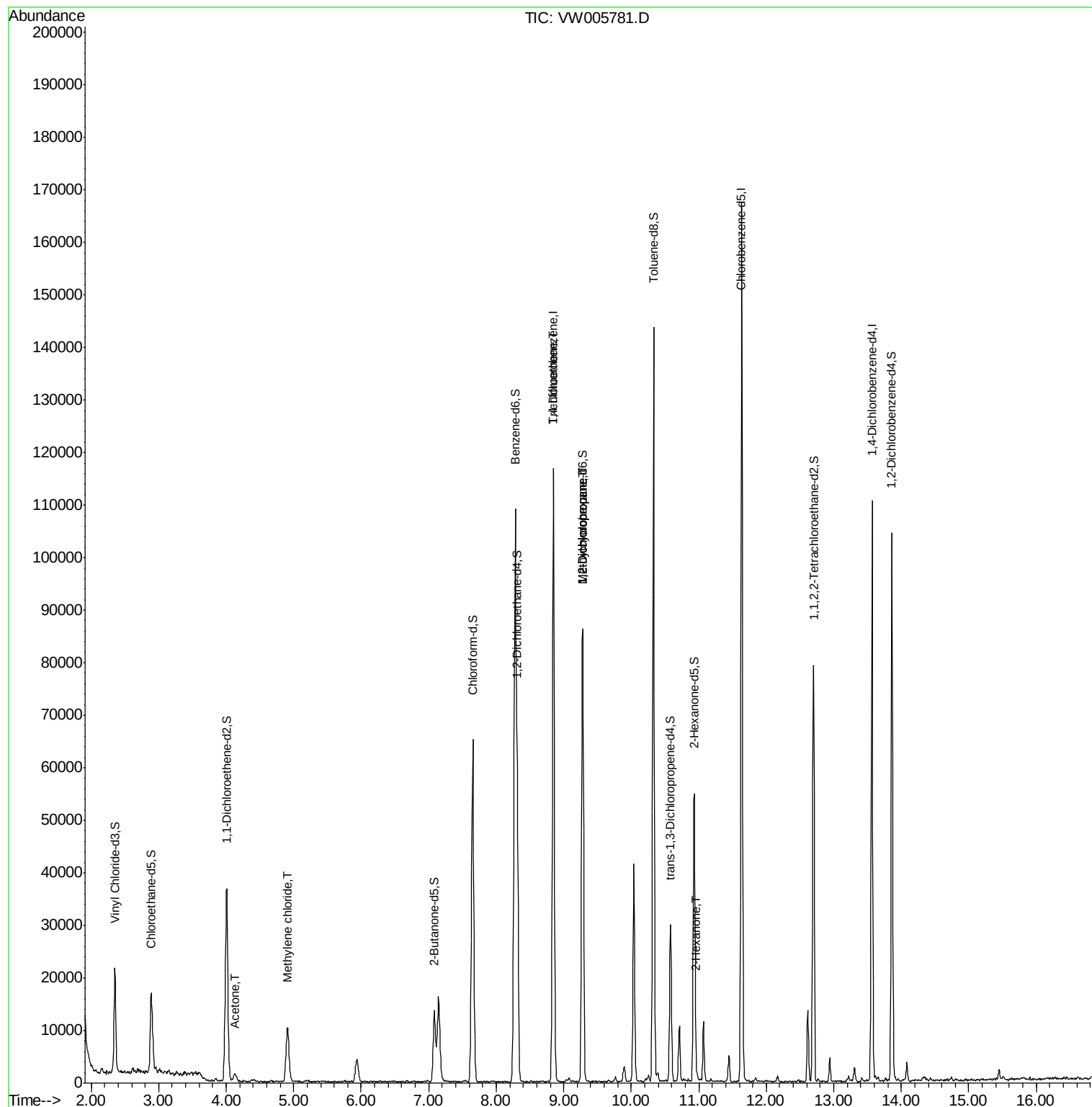
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	2520	6.326	ug/L	97
16) Methylene chloride	4.90	84	7891	5.120	ug/L	86
35) Trichloroethene	8.85	95	3332	2.366	ug/L #	5
36) Methylcyclohexane	9.28	83	9508	3.883	ug/L #	18
40) 1,2-Dichloropropane	9.28	63	4826	3.763	ug/L #	87
49) 2-Hexanone	10.96	43	684	0.931	ug/L #	46

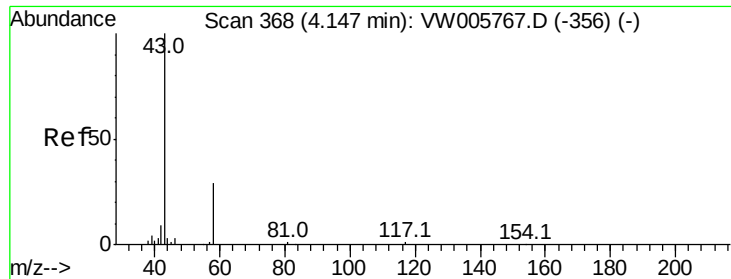
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 05:07:10 2018
Response via : Initial Calibration





#13

Acetone

Concen: 6.326 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW005781.D

Acq: 02 Oct 2018 17:12

Instrument :

MSVOA_W

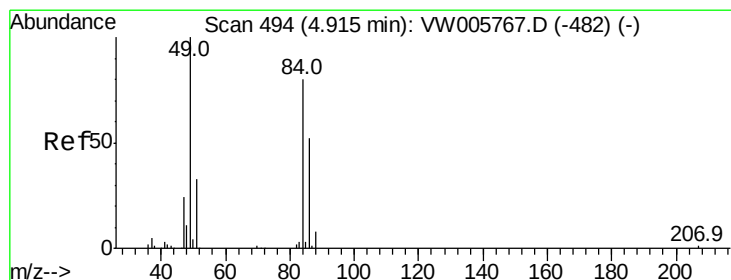
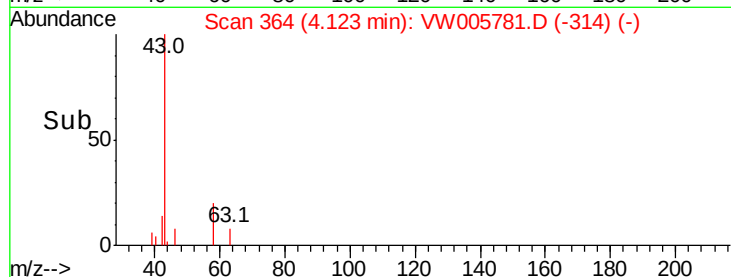
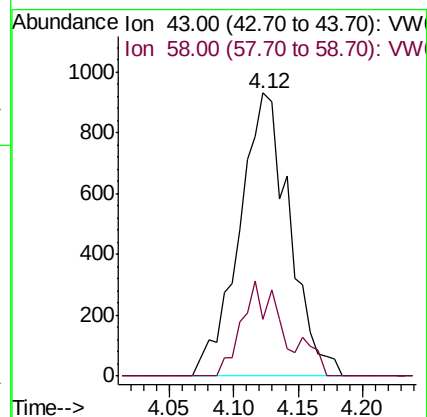
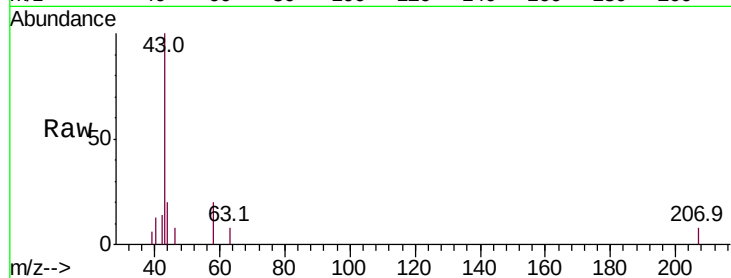
ClientSampled :

Tot Ion: 43 Resp: 2520

Ion Ratio Lower Upper

43 100

58 14.6 0.0 31.8



#16

Methylene chloride

Concen: 5.120 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW005781.D

Acq: 02 Oct 2018 17:12

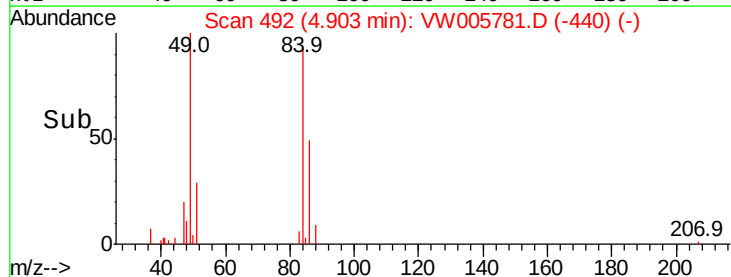
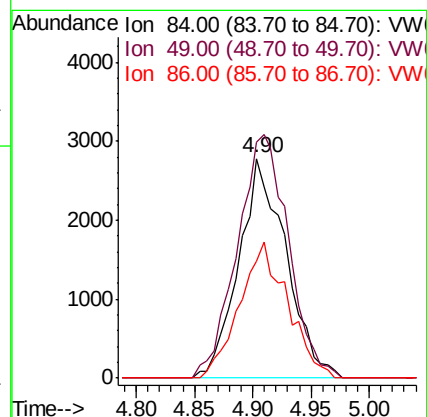
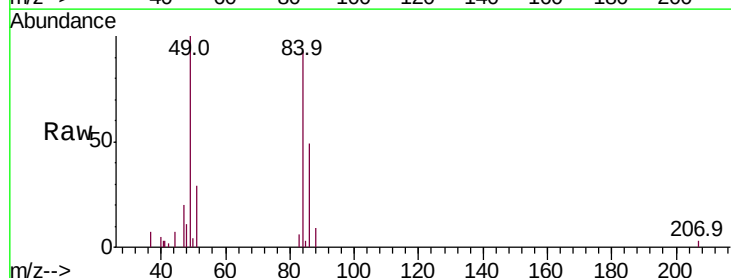
Tgt Ion: 84 Resp: 7891

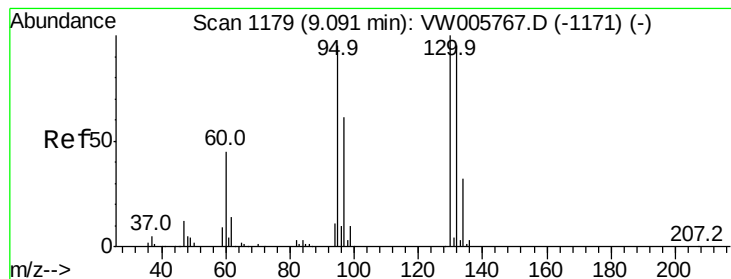
Ion Ratio Lower Upper

84 100

49 107.5 87.2 162.0

86 53.1 43.2 80.2





#35

Trichloroethene

Concen: 2.366 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW005781.D

Acq: 02 Oct 2018 17:12

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 3332

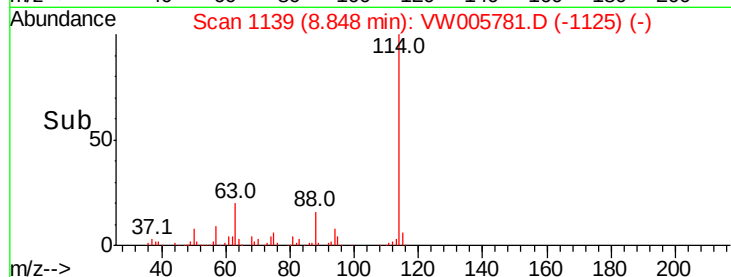
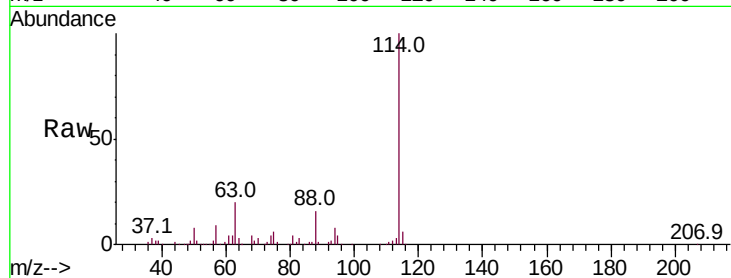
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

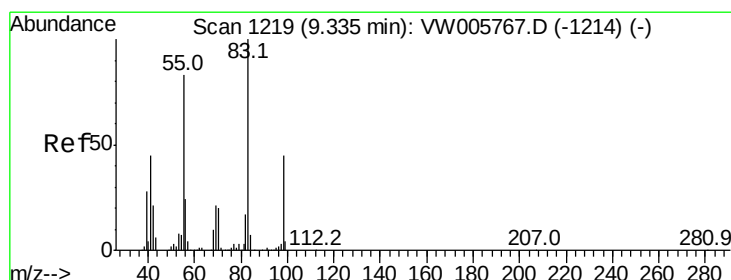
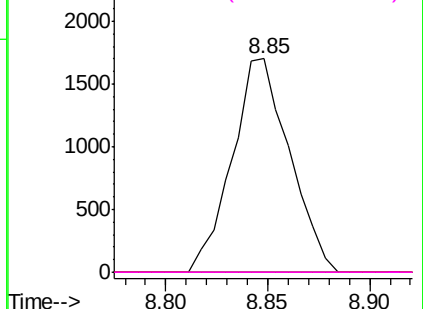


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.883 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW005781.D

Acq: 02 Oct 2018 17:12

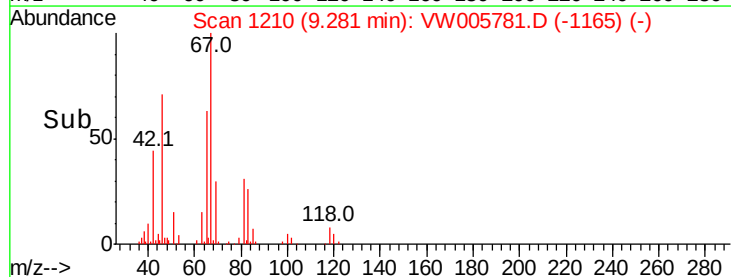
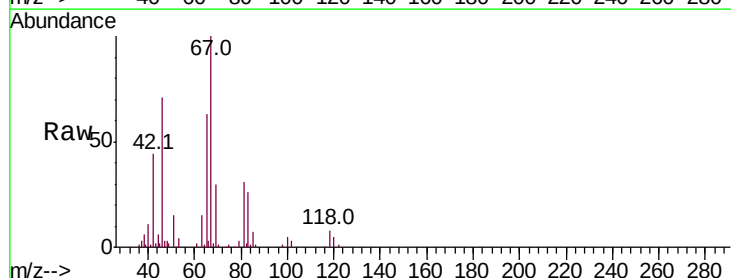
Tgt Ion: 83 Resp: 9508

Ion Ratio Lower Upper

83 100

55 0.0 62.5 93.7#

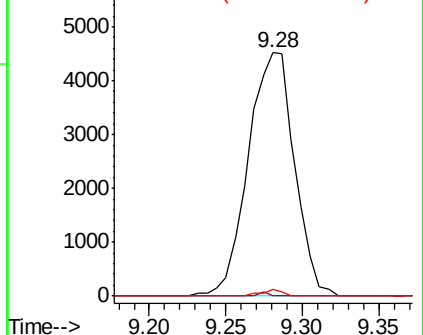
98 1.3 37.7 56.5#

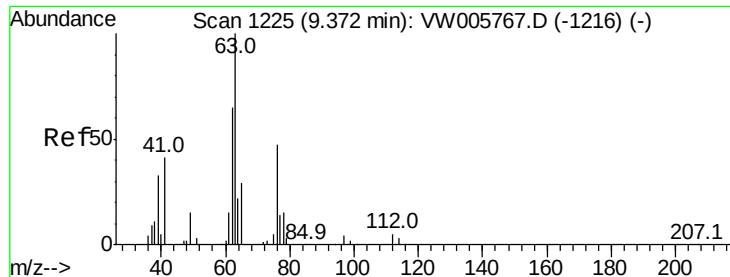


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.763 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005781.D

Acq: 02 Oct 2018 17:12

Instrument :

MSVOA_W

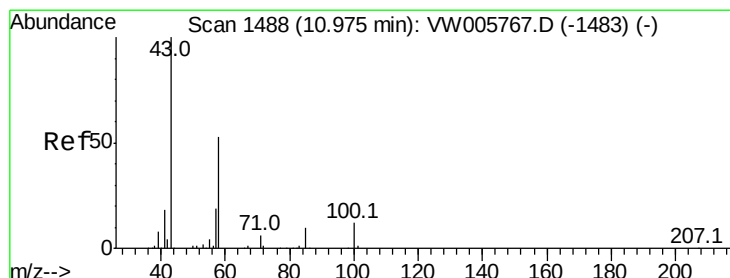
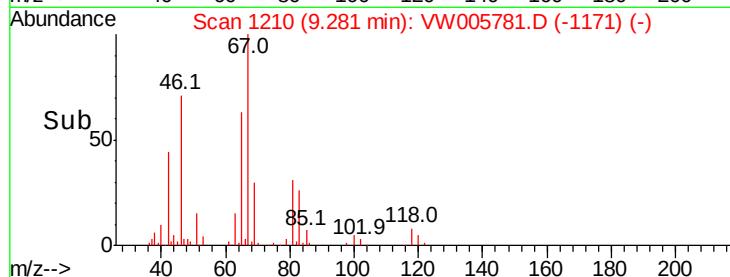
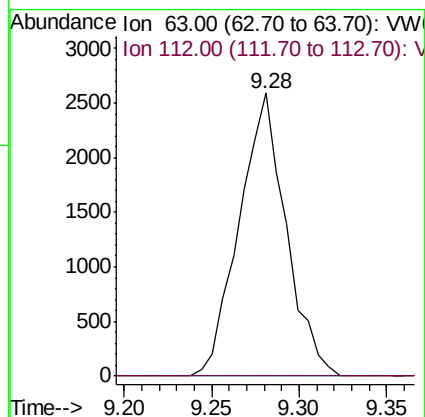
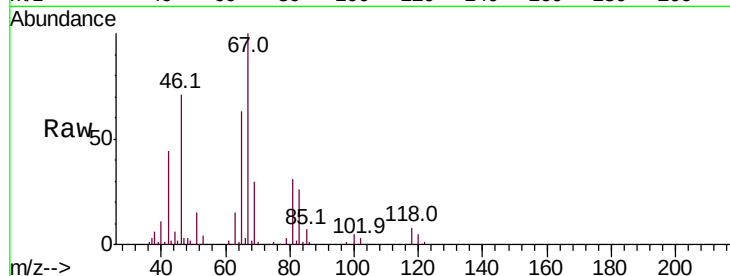
ClientSampleId :

Tot Ion: 63 Resp: 4826

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#49

2-Hexanone

Concen: 0.931 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.02 min

Lab File: VW005781.D

Acq: 02 Oct 2018 17:12

Tgt Ion: 43 Resp: 684

Ion Ratio Lower Upper

43 100

58 7.5 42.0 63.0#

57 0.0 15.7 23.5#

100 0.0 9.7 14.5#

