

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005745.D
 Acq On : 01 Oct 2018 19:28
 Operator : SY/AP
 Sample : J5180-14
 Misc : 5.11G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 05:46:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 05:44:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	28998	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	25787	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	9488	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	5800	15.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.76%
7) Chloroethane-d5	2.89	69	5730	19.87	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.48%
10) 1,1-Dichloroethene-d2	4.00	63	9710	12.03	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.12%
20) 2-Butanone-d5	7.09	46	11493	96.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	193.68%#
24) Chloroform-d	7.65	84	18621	25.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	8.31	65	14750	32.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	130.76%#
29) Benzene-d6	8.27	84	29048	22.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.00%
33) 1,2-Dichloropropane-d6	9.27	67	10749	29.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.52%
37) Toluene-d8	10.33	98	20931	16.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.44%
38) trans-1,3-Dichloropropene-	10.58	79	5088	26.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.04%
39) 2-Hexanone-d5	10.93	63	7329	84.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.64%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	15342	42.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	171.20%#
61) 1,2-Dichlorobenzene-d4	13.86	152	7652	22.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.16%

Target Compounds

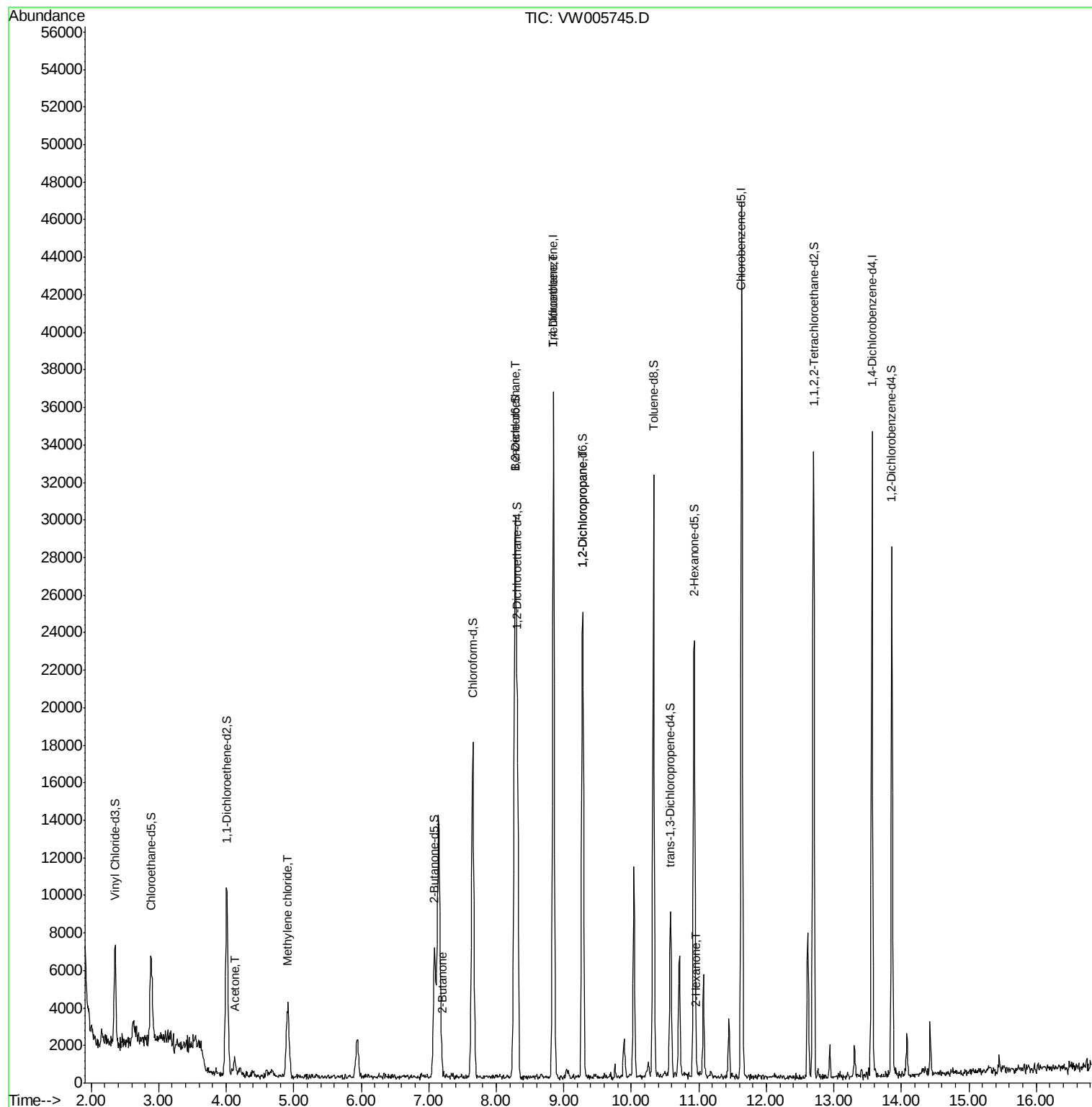
					Ovalue
13) Acetone	4.12	43	1599	12.939	ug/L 85
16) Methylene chloride	4.90	84	2765	5.783	ug/L 95
21) 2-Butanone	7.20	43	89	0.601	ug/L # 49
27) 1,2-Dichloroethane	8.28	62	229	0.406	ug/L # 78
35) Trichloroethene	8.85	95	1017	2.609	ug/L # 5
40) 1,2-Dichloropropane	9.28	63	1310	3.689	ug/L # 87
49) 2-Hexanone	10.97	43	221	1.086	ug/L # 39

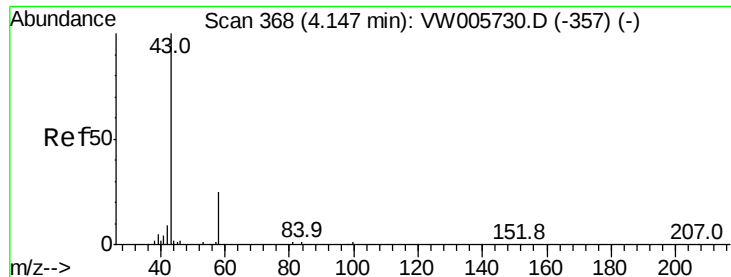
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100118\
Data File : VW005745.D
Acq On : 01 Oct 2018 19:28
Operator : SY/AP
Sample : J5180-14
Misc : 5.11G/105ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 02 05:46:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 02 05:44:23 2018
Response via : Initial Calibration





#13

Acetone

Concen: 12.939 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW005745.D

Acq: 01 Oct 2018 19:28

Instrument :

MSVOA_W

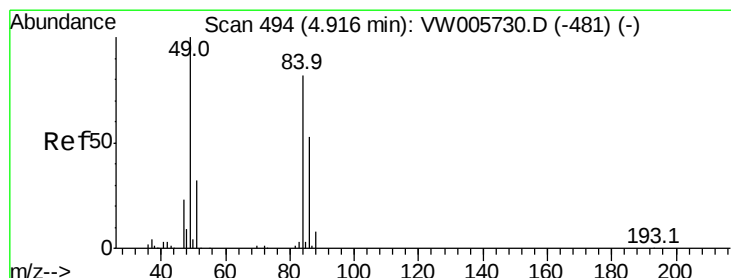
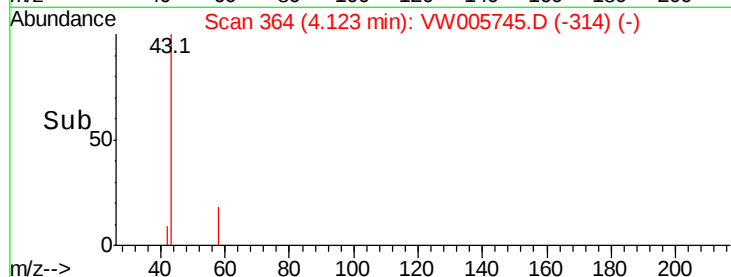
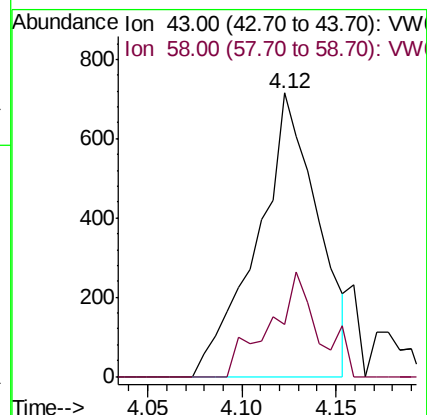
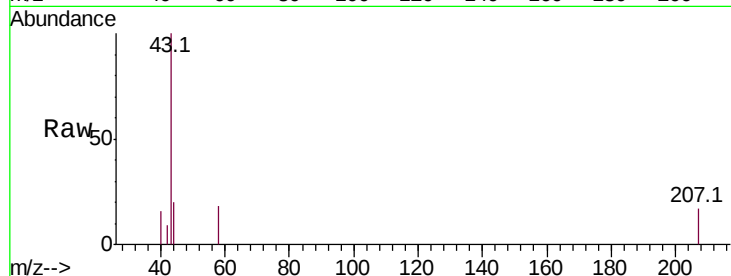
ClientSampleId :

Tot Ion: 43 Resp: 1599

Ion Ratio Lower Upper

43 100

58 22.1 0.0 31.8



#16

Methylene chloride

Concen: 5.783 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW005745.D

Acq: 01 Oct 2018 19:28

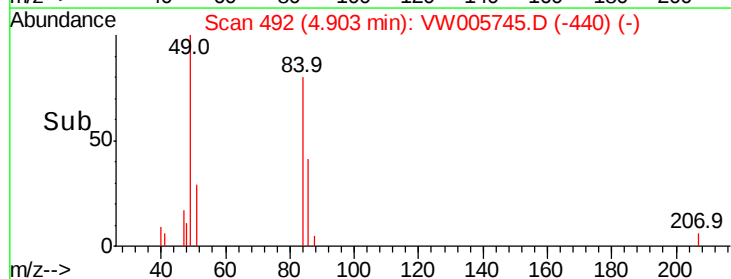
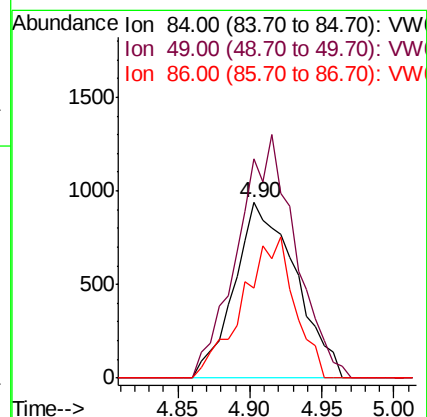
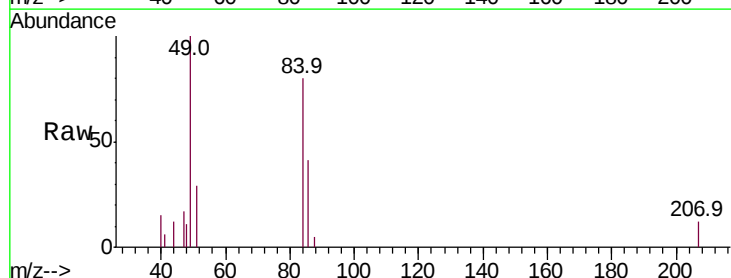
Tgt Ion: 84 Resp: 2765

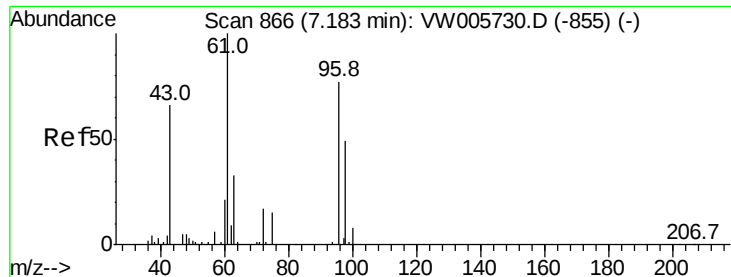
Ion Ratio Lower Upper

84 100

49 124.9 87.2 162.0

86 51.4 43.2 80.2





#21

2-Butanone

Concen: 0.601 ug/L

RT: 7.20 min Scan# 869

Delta R.T. 0.02 min

Lab File: VW005745.D

Acq: 01 Oct 2018 19:28

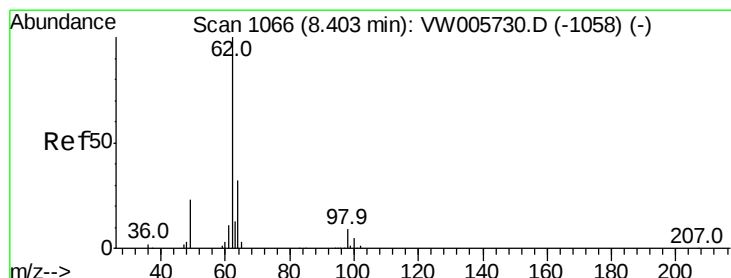
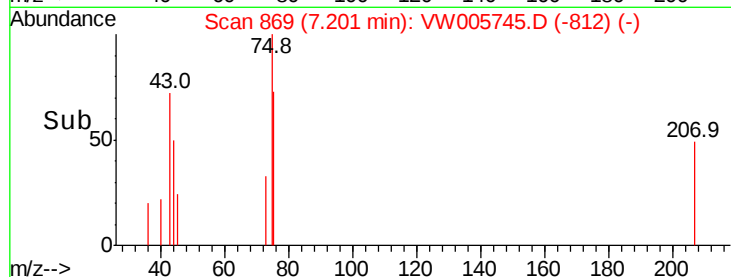
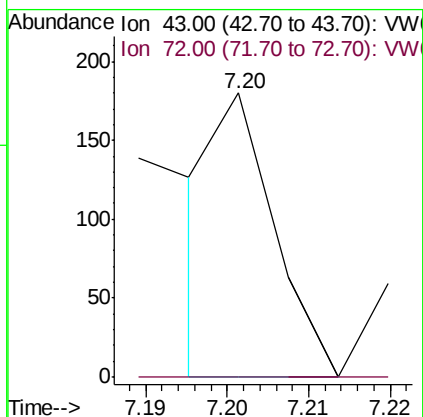
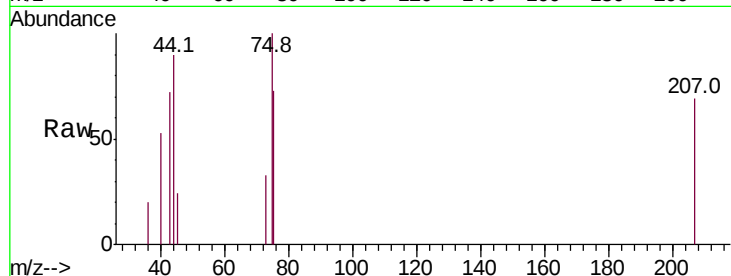
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 89

Ion Ratio Lower Upper

43 100

72 0.0 13.2 39.6#



#27

1,2-Dichloroethane

Concen: 0.406 ug/L

RT: 8.28 min Scan# 1046

Delta R.T. -0.12 min

Lab File: VW005745.D

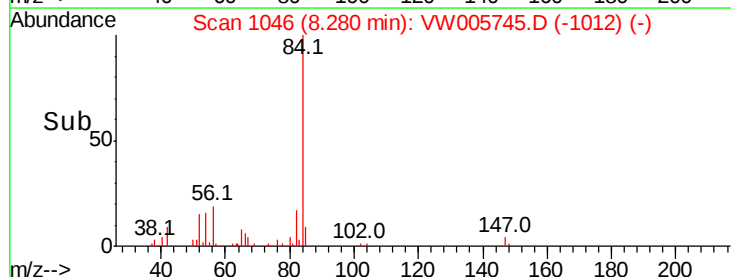
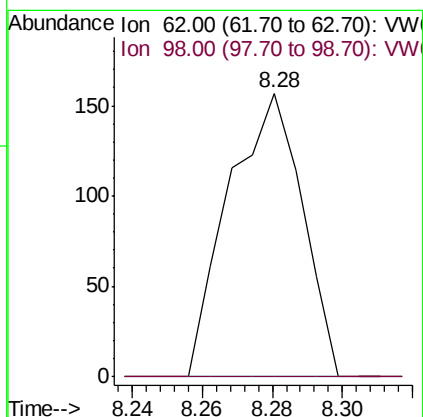
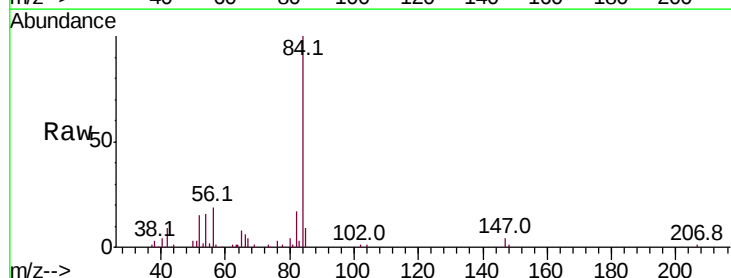
Acq: 01 Oct 2018 19:28

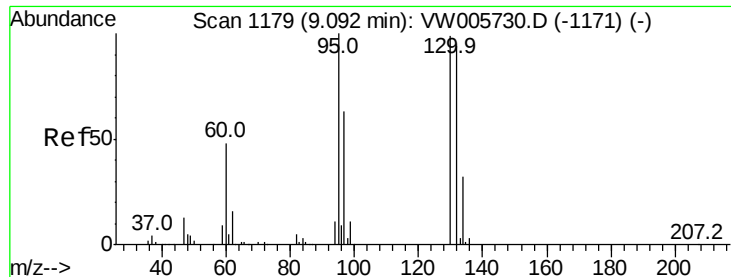
Tgt Ion: 62 Resp: 229

Ion Ratio Lower Upper

62 100

98 0.0 6.2 9.2#





#35

Trichloroethene

Concen: 2.609 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW005745.D

Acq: 01 Oct 2018 19:28

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 1017

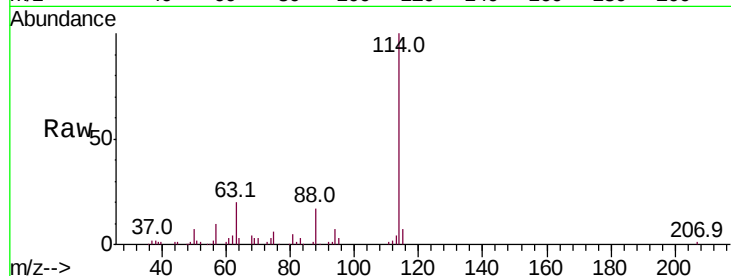
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

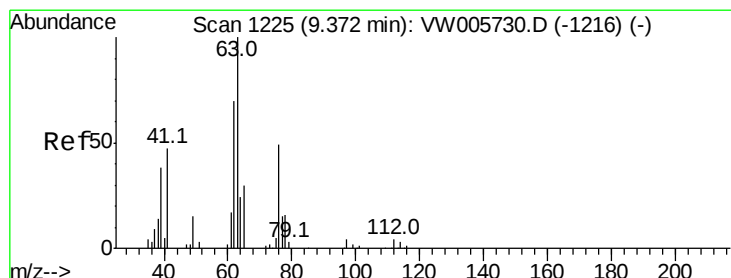
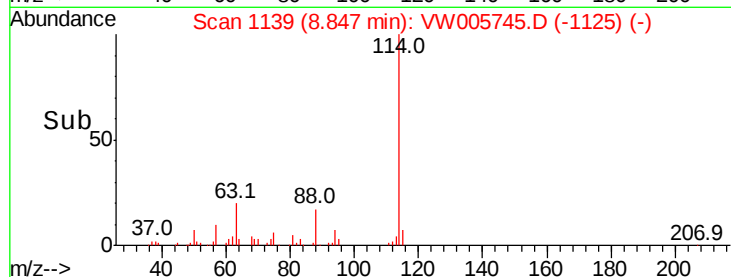
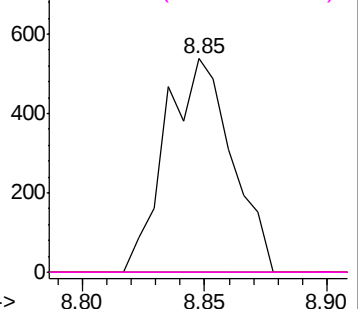


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.689 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005745.D

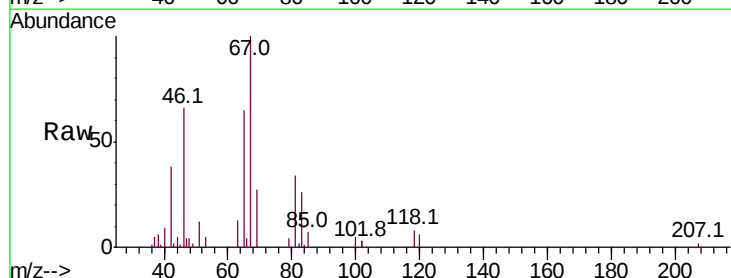
Acq: 01 Oct 2018 19:28

Tgt Ion: 63 Resp: 1310

Ion Ratio Lower Upper

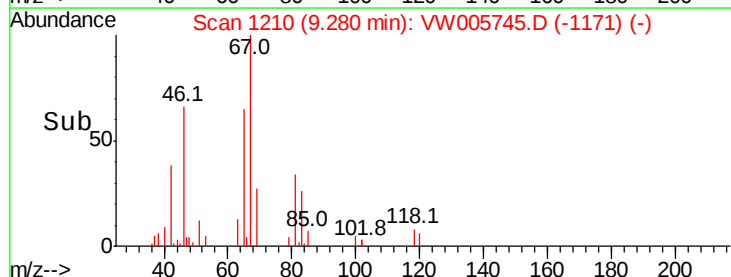
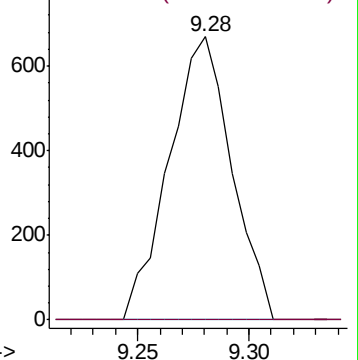
63 100

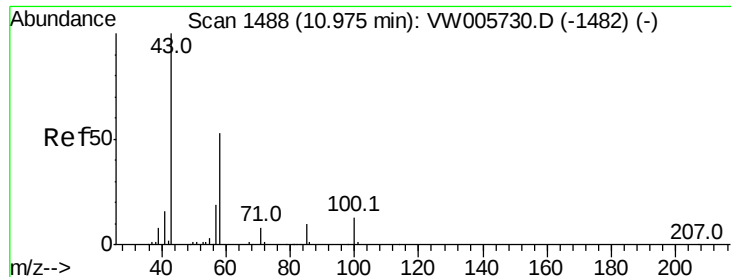
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#49

2-Hexanone

Concen: 1.086 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.01 min

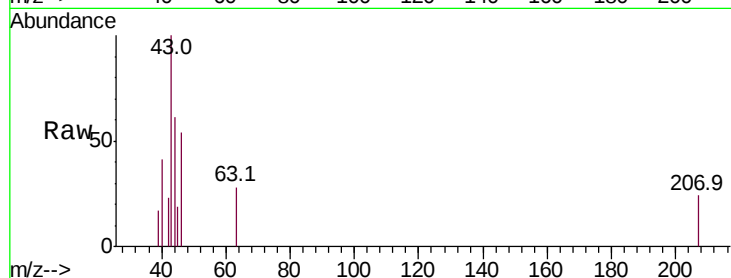
Lab File: VW005745.D

Acq: 01 Oct 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 43 Resp: 221

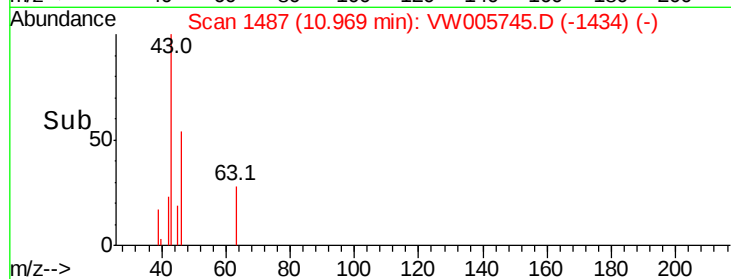
Ion Ratio Lower Upper

43 100

58 0.0 42.0 63.0#

57 0.0 15.7 23.5#

100 0.0 9.7 14.5#



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

