

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005747.D
 Acq On : 01 Oct 2018 20:20
 Operator : SY/AP
 Sample : J5180-16
 Misc : 4.67G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 05:46:23 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	149935	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	130889	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	43144	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	29492	15.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.72%
7) Chloroethane-d5	2.90	69	27181	18.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.92%
10) 1,1-Dichloroethene-d2	4.01	63	51913	12.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.76%
20) 2-Butanone-d5	7.09	46	36164	58.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.88%
24) Chloroform-d	7.65	84	99598	25.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.44%
26) 1,2-Dichloroethane-d4	8.31	65	72098	30.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.64%
29) Benzene-d6	8.28	84	159607	24.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.52%
33) 1,2-Dichloropropane-d6	9.28	67	55823	29.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.24%
37) Toluene-d8	10.33	98	123551	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.24%
38) trans-1,3-Dichloropropene-	10.58	79	24475	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.52%
39) 2-Hexanone-d5	10.93	63	24953	56.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60296	33.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	132.56%#
61) 1,2-Dichlorobenzene-d4	13.86	152	37228	24.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.56%

Target Compounds

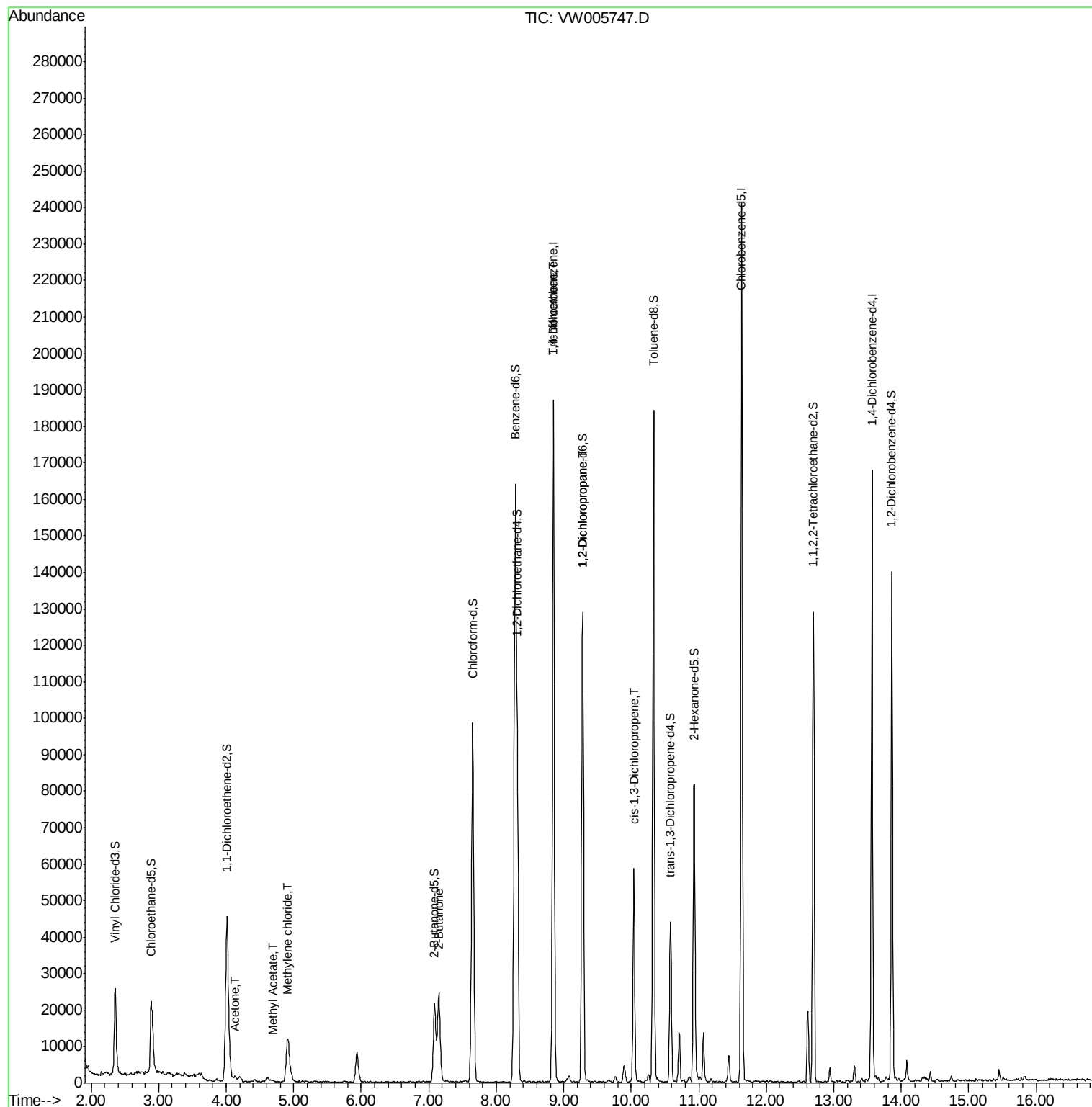
					Ovalue
13) Acetone	4.13	43	1997	3.125 ug/L	75
15) Methyl Acetate	4.68	43	1112	0.981 ug/L #	57
16) Methylene chloride	4.91	84	5490	2.221 ug/L	95
21) 2-Butanone	7.14	43	2238	2.924 ug/L #	64
35) Trichloroethene	8.85	95	4686	2.368 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	6994	3.881 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	1574	0.529 ug/L #	55

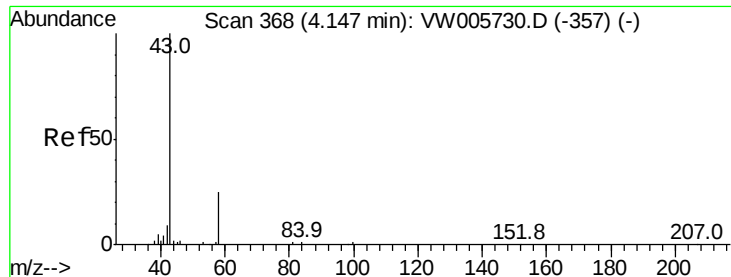
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 02 05:44:23 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.125 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW005747.D

Acq: 01 Oct 2018 20:20

Instrument :

MSVOA_W

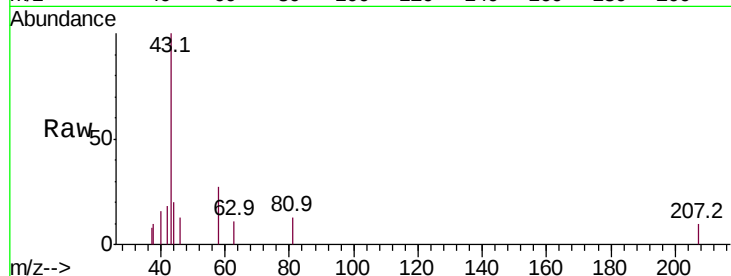
ClientSampled :

Tot Ion: 43 Resp: 1997

Ion Ratio Lower Upper

43 100

58 26.3 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

800

600

400

200

0

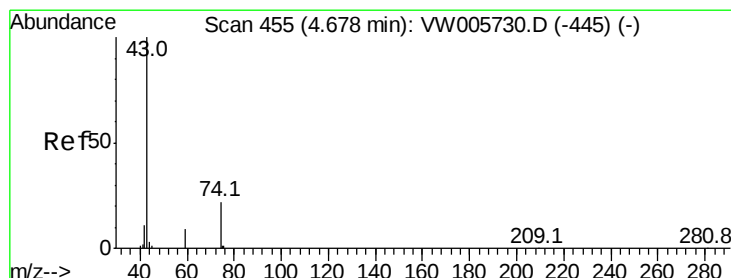
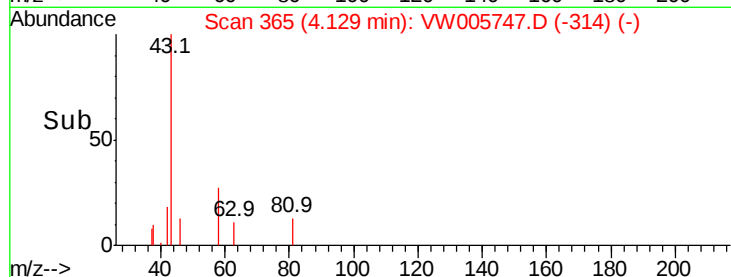
4.05

4.10

4.15

4.20

Time-->



#15

Methyl Acetate

Concen: 0.981 ug/L

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW005747.D

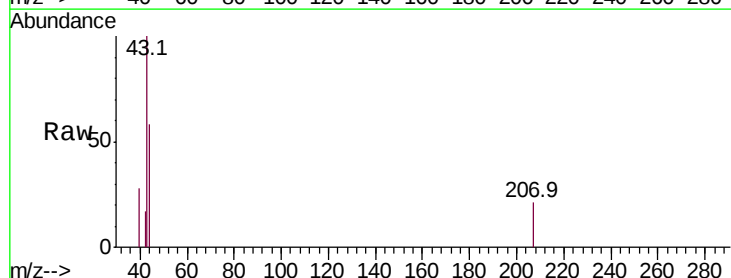
Acq: 01 Oct 2018 20:20

Tgt Ion: 43 Resp: 1112

Ion Ratio Lower Upper

43 100

74 3.2 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

400

300

200

100

0

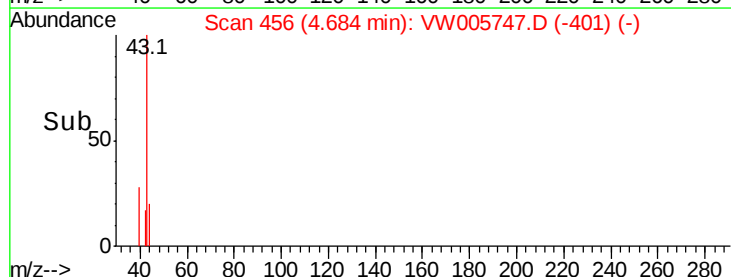
4.60

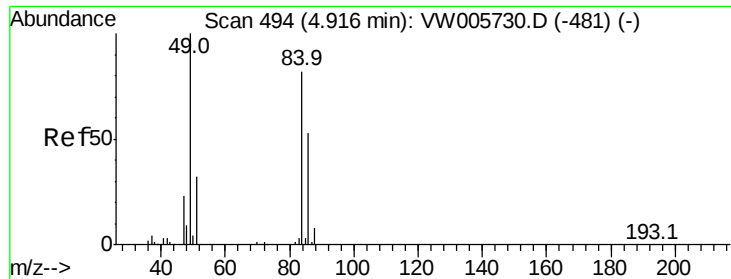
4.65

4.70

4.75

Time-->

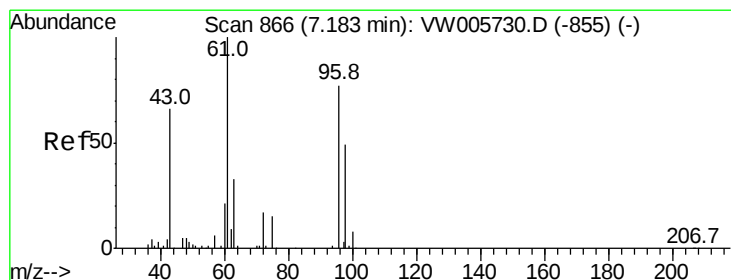
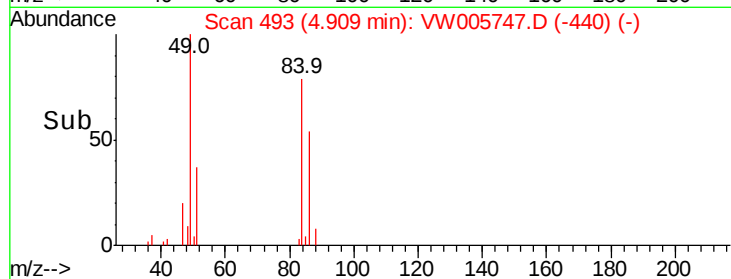
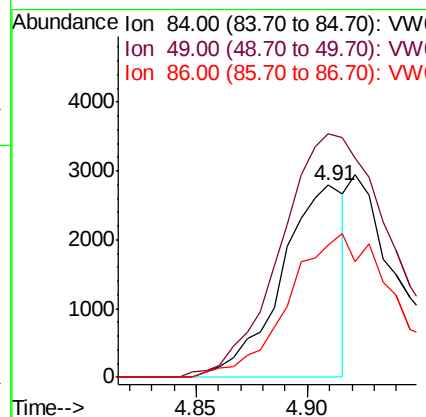
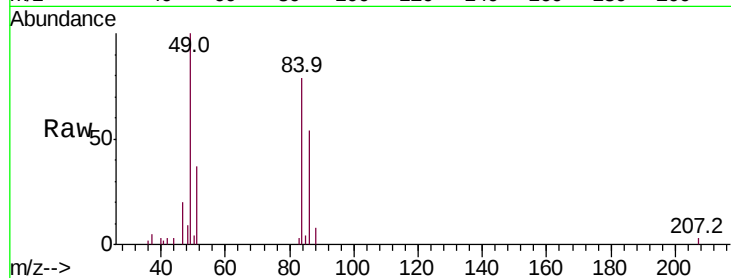




#16
Methvlene chloride
Concen: 2.221 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005747.D
Acq: 01 Oct 2018 20:20

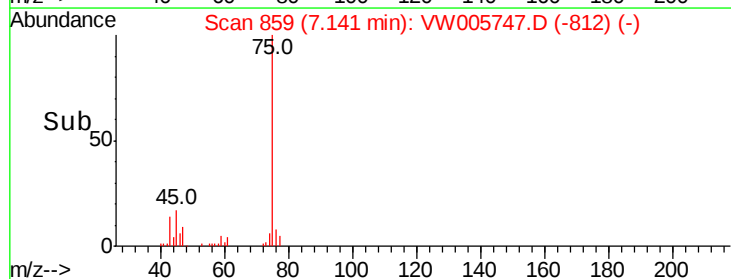
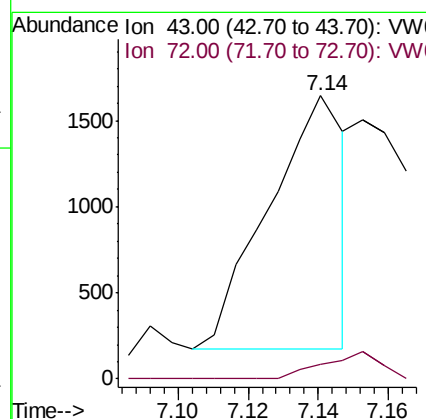
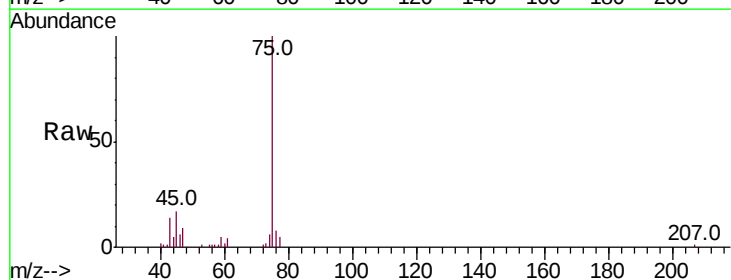
Instrument :
MSVOA_W
ClientSampled :

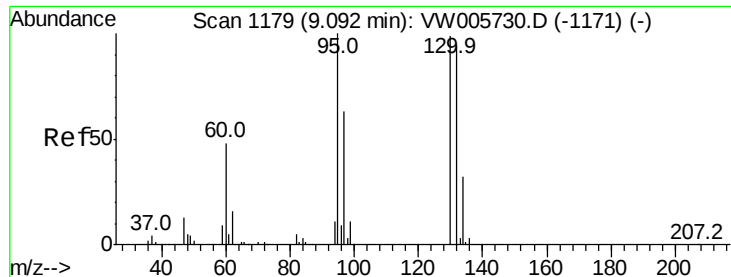
Tot Ion: 84 Resp: 5490
Ion Ratio Lower Upper
84 100
49 126.8 87.2 162.0
86 69.1 43.2 80.2



#21
2-Butanone
Concen: 2.924 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: VW005747.D
Acq: 01 Oct 2018 20:20

Tgt Ion: 43 Resp: 2238
Ion Ratio Lower Upper
43 100
72 7.8 13.2 39.6#





#35

Trichloroethene

Concen: 2.368 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW005747.D

Acq: 01 Oct 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 4686

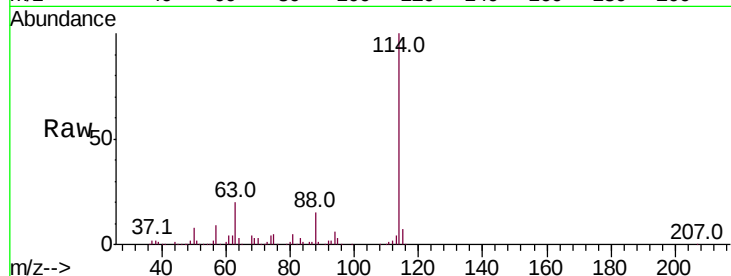
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

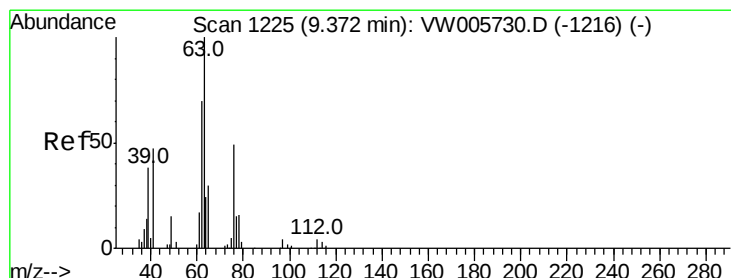
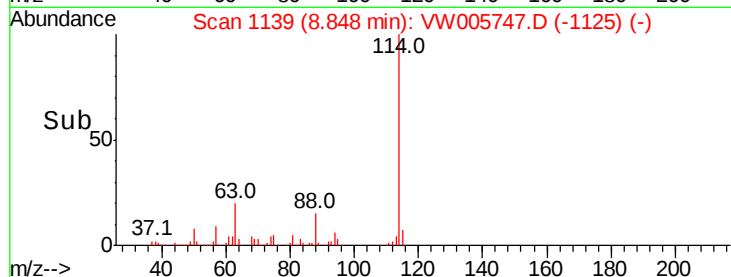
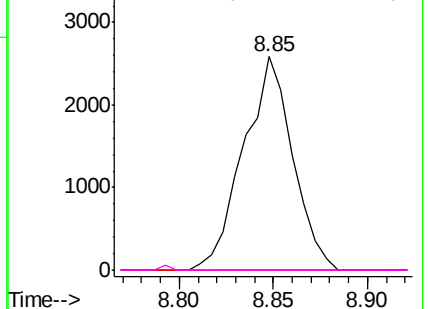


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.881 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005747.D

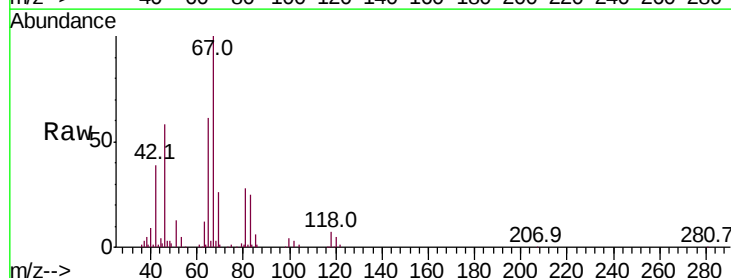
Acq: 01 Oct 2018 20:20

Tgt Ion: 63 Resp: 6994

Ion Ratio Lower Upper

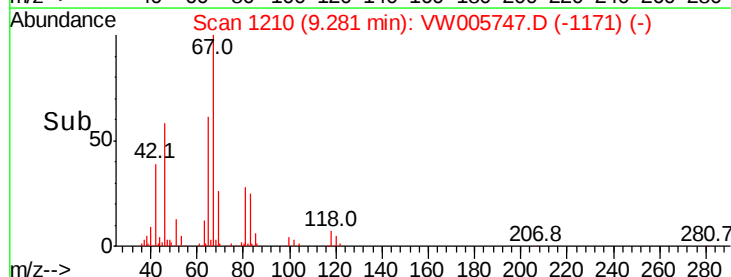
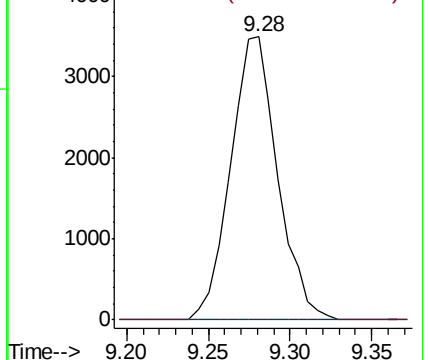
63 100

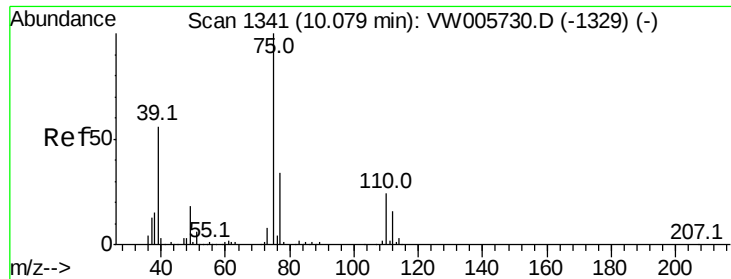
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.529 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW005747.D

Acq: 01 Oct 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 1574

Ion Ratio Lower Upper

75 100

77 56.9 22.3 41.3#

