

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121018\
 Data File : VW007356.D
 Acq On : 10 Dec 2018 14:35
 Operator : SY/AP
 Sample : J6270-05
 Misc : 5.82G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 01:21:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 01:18:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	129883	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	94624	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	32434	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	24435	28.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.52%
7) Chloroethane-d5	2.89	69	18732	26.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.56%
10) 1,1-Dichloroethene-d2	4.01	63	61208	20.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.92%
20) 2-Butanone-d5	7.08	46	18356	34.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.84%
24) Chloroform-d	7.65	84	79287	25.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.52%
26) 1,2-Dichloroethane-d4	8.31	65	46356	26.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.32%
29) Benzene-d6	8.27	84	159081	30.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.80%
33) 1,2-Dichloropropane-d6	9.27	67	43248	29.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.96%
37) Toluene-d8	10.32	98	137326	28.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.00%
38) trans-1,3-Dichloropropene-	10.58	79	18120	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.68%
39) 2-Hexanone-d5	10.93	63	14225	40.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29755	22.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	30067	26.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.40%

Target Compounds

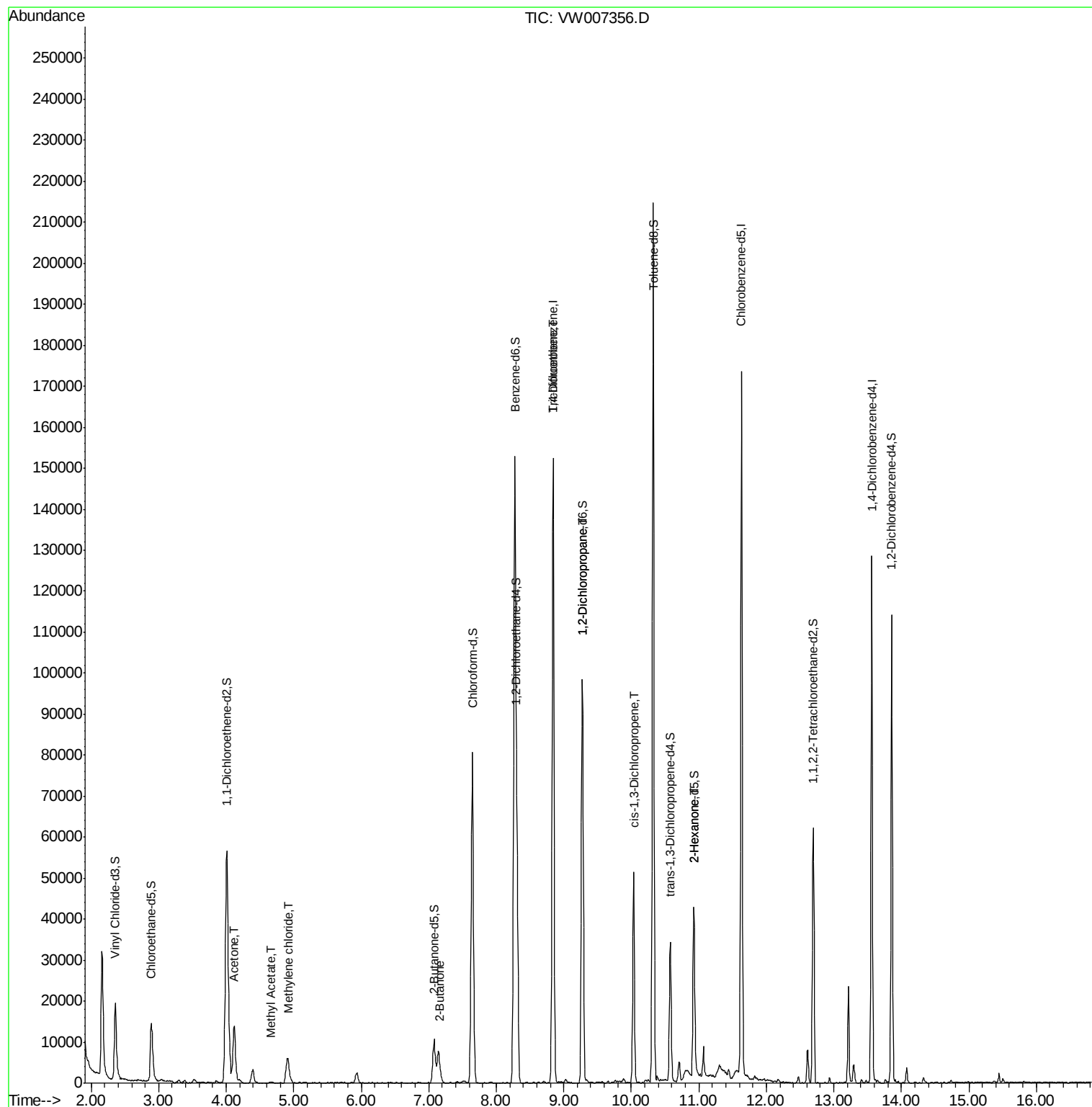
					Ovalue
13) Acetone	4.12	43	23335	37.632 ug/L	97
15) Methyl Acetate	4.67	43	447	0.481 ug/L #	100
16) Methylene chloride	4.91	84	5057	2.410 ug/L	95
21) 2-Butanone	7.17	43	2091	3.137 ug/L	94
35) Trichloroethene	8.84	95	3871	2.489 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	5244	3.953 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1437	0.645 ug/L	88
49) 2-Hexanone	10.93	43	2623	3.554 ug/L #	63

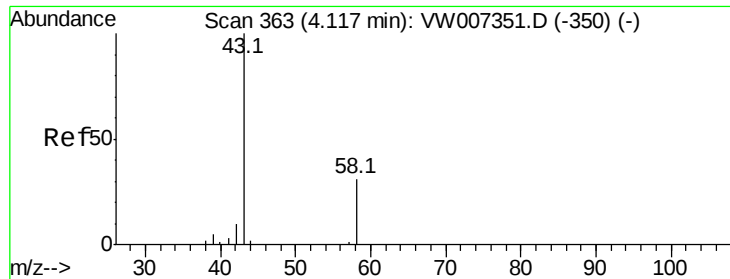
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 11 01:18:15 2018
Response via : Initial Calibration





#13

Acetone

Concen: 37.632 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007356.D

Acq: 10 Dec 2018 14:35

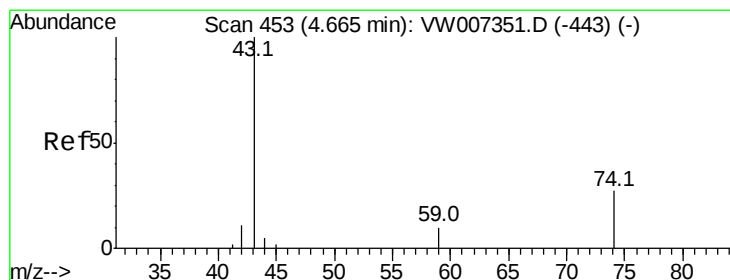
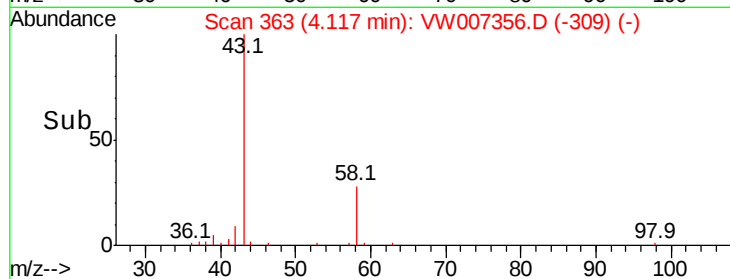
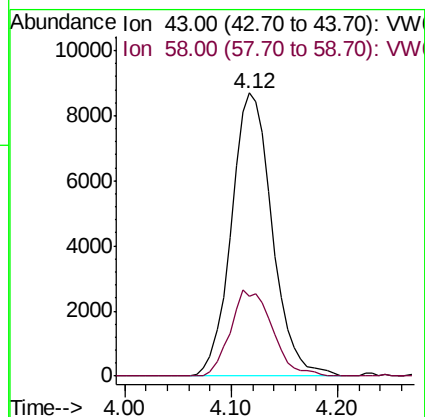
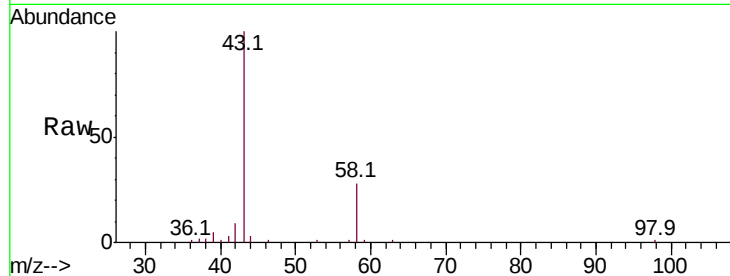
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 23335

Ion Ratio Lower Upper

43 100

58 31.1 0.0 59.2



#15

Methyl Acetate

Concen: 0.481 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW007356.D

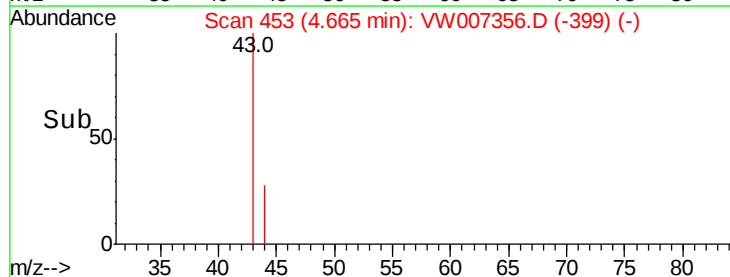
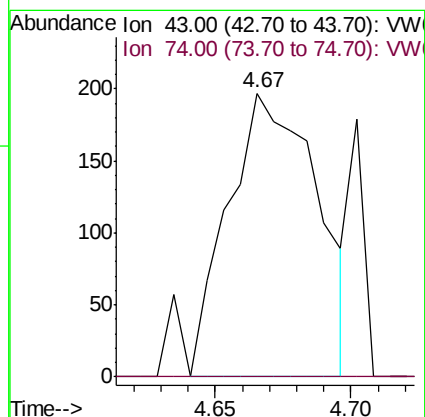
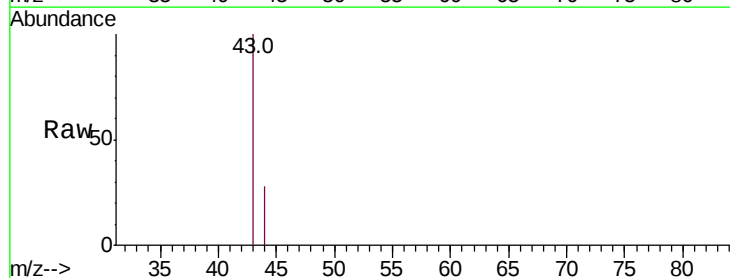
Acq: 10 Dec 2018 14:35

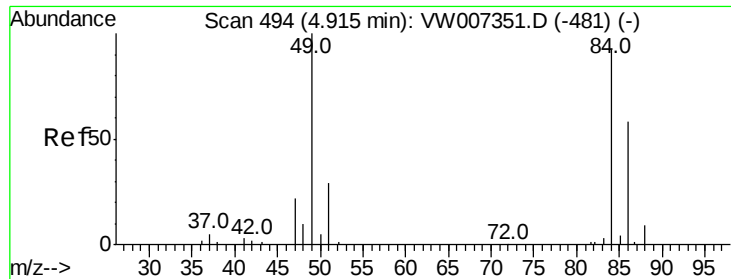
Tgt Ion: 43 Resp: 447

Ion Ratio Lower Upper

43 100

74 0.0 0.1 0.1#

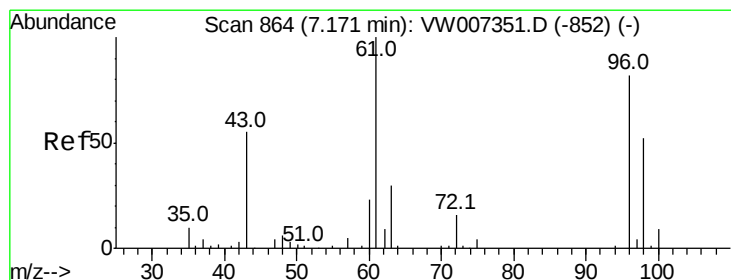
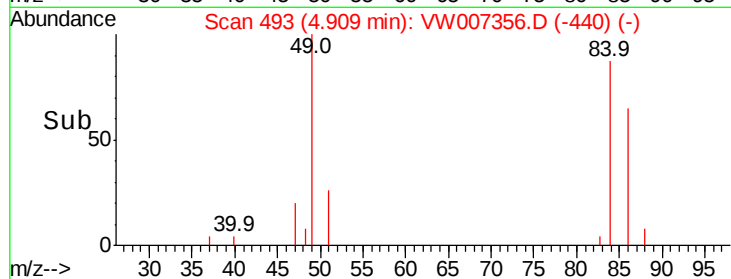
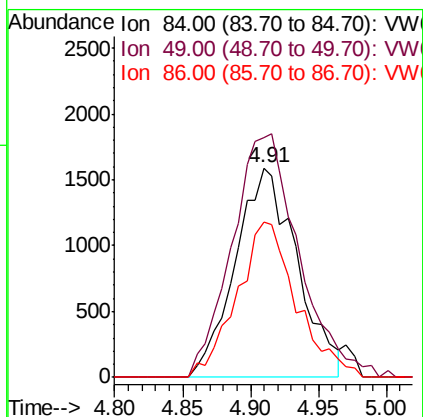
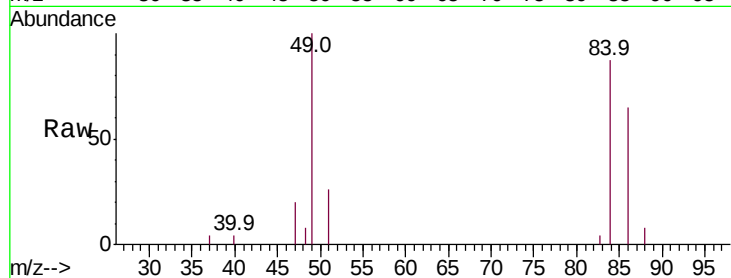




#16
Methvlene chloride
Concen: 2.410 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW007356.D
Acq: 10 Dec 2018 14:35

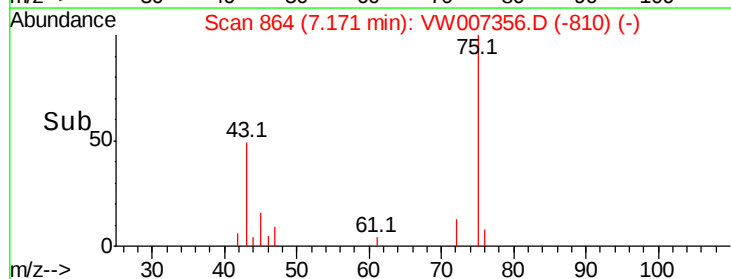
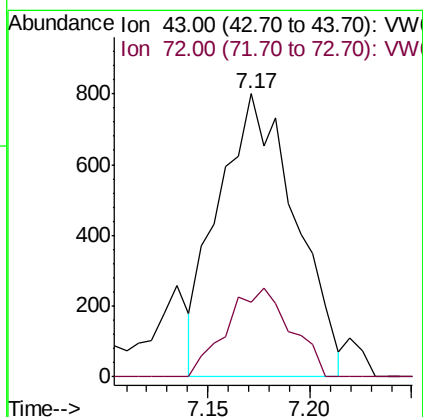
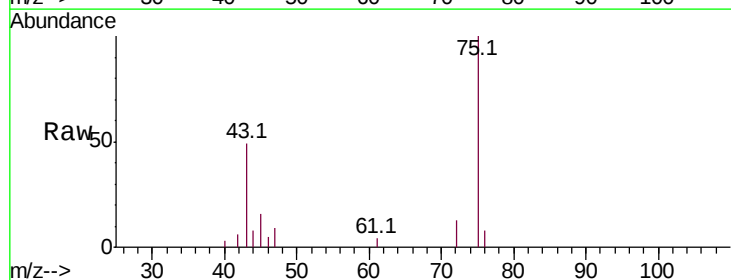
Instrument :
MSVOA_W
ClientSampleId :

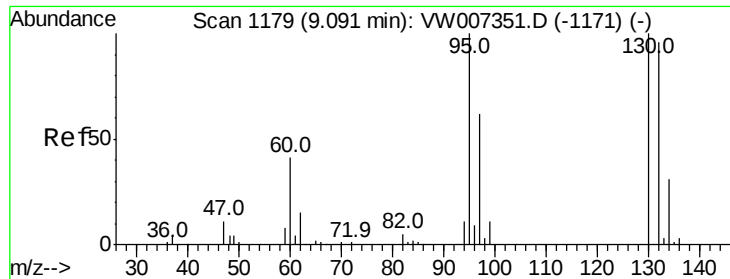
Tot Ion: 84 Resp: 5057
Ion Ratio Lower Upper
84 100
49 114.5 80.8 150.2
86 74.2 45.8 85.2



#21
2-Butanone
Concen: 3.137 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007356.D
Acq: 10 Dec 2018 14:35

Tgt Ion: 43 Resp: 2091
Ion Ratio Lower Upper
43 100
72 26.3 14.7 44.1





#35

Trichloroethene

Concen: 2.489 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007356.D

Acq: 10 Dec 2018 14:35

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 3871

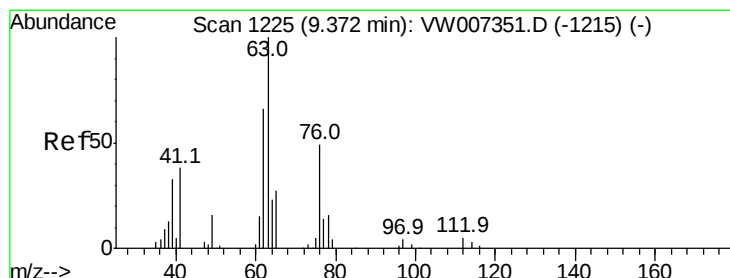
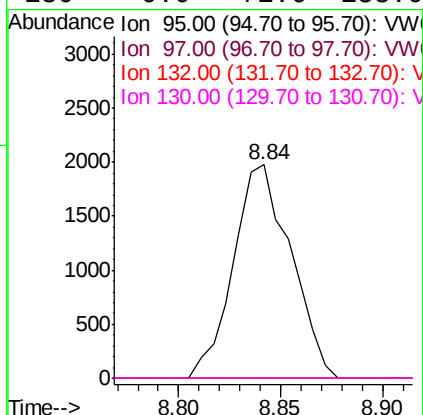
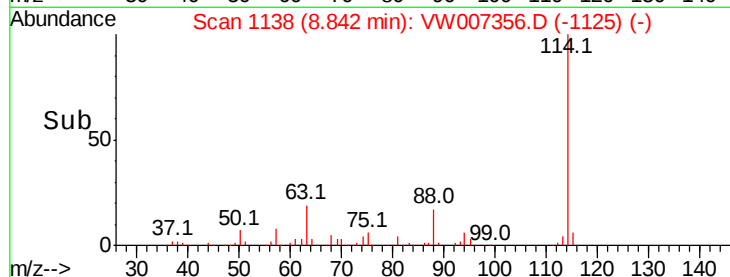
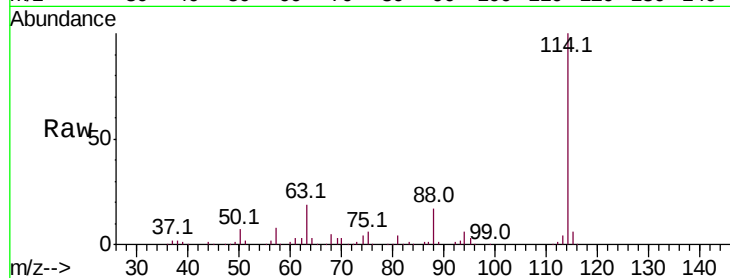
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#



#40

1,2-Dichloropropane

Concen: 3.953 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007356.D

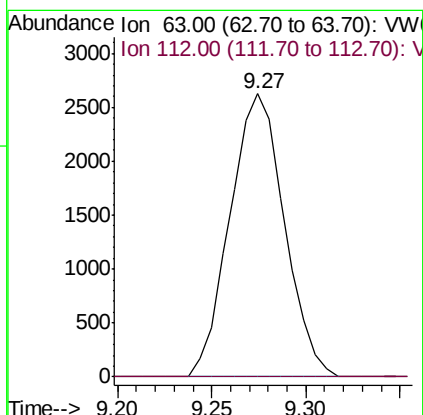
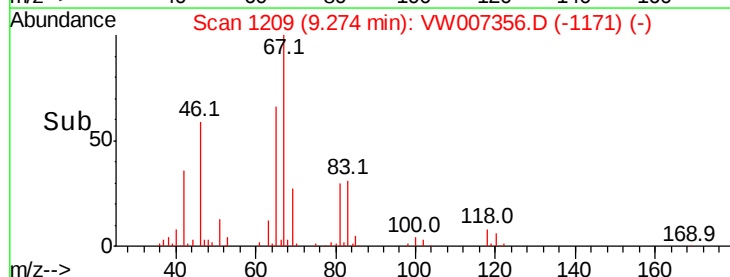
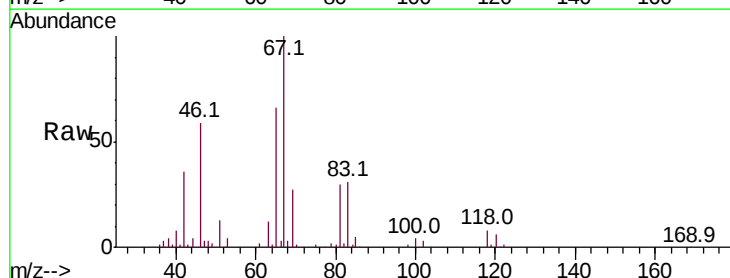
Acq: 10 Dec 2018 14:35

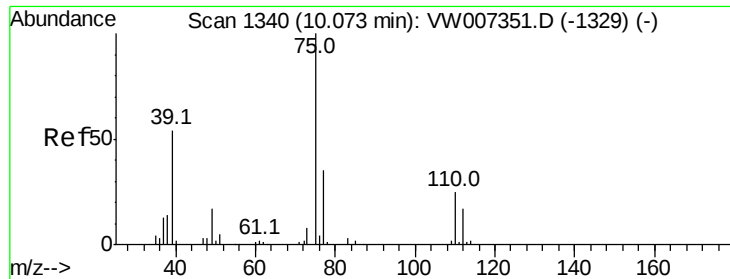
Tgt Ion: 63 Resp: 5244

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#





#42

cis-1,3-Dichloropropene

Concen: 0.645 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007356.D

Acq: 10 Dec 2018 14:35

Instrument :

MSVOA_W

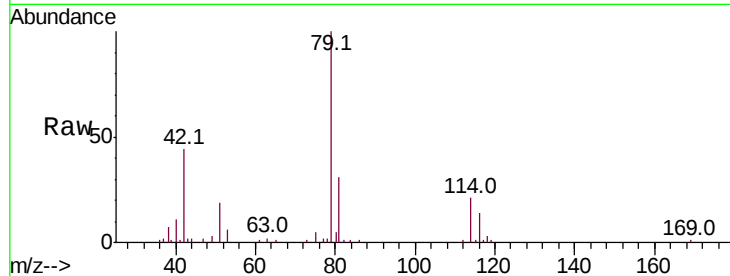
ClientSampled :

Tot Ion: 75 Resp: 1437

Ion Ratio Lower Upper

75 100

77 39.8 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

800

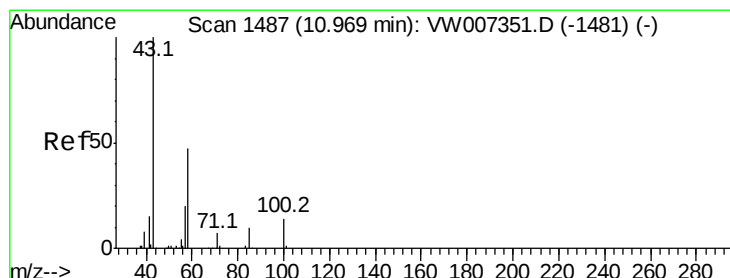
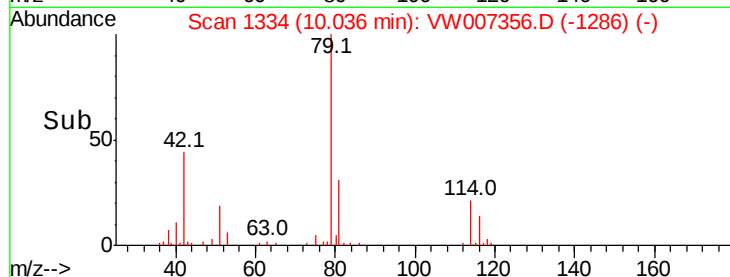
600

400

200

0

Time-->



#49

2-Hexanone

Concen: 3.554 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007356.D

Acq: 10 Dec 2018 14:35

Tgt Ion: 43 Resp: 2623

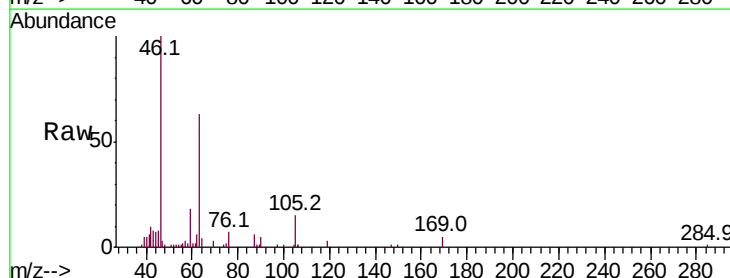
Ion Ratio Lower Upper

43 100

58 19.7 47.2 70.8#

57 18.7 17.6 26.4

100 6.9 12.2 18.2#



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

1500

1000

500

0

Time-->

