

Data File : VW006362.D
Acq On : 25 Oct 2018 14:13
Operator : SY/AP
Sample : J5657-02
Misc : 5.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40J9

Quant Time: Oct 26 04:09:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 04:05:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	357032	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	313787	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	141261	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	73271	18.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.80%
7) Chloroethane-d5	2.90	69	70106	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.92%
10) 1,1-Dichloroethene-d2	4.01	63	116294	15.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.16%
20) 2-Butanone-d5	7.09	46	59626	44.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.34%
24) Chloroform-d	7.65	84	174830	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	8.31	65	102205	23.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.56%
29) Benzene-d6	8.27	84	344650	24.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.76%
33) 1,2-Dichloropropane-d6	9.28	67	102596	23.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.44%
37) Toluene-d8	10.33	98	326177	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.56%
38) trans-1,3-Dichloropropene-	10.58	79	39385	18.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.40%
39) 2-Hexanone-d5	10.93	63	47256	45.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98975	23.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	114282	23.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.40%

Target Compounds

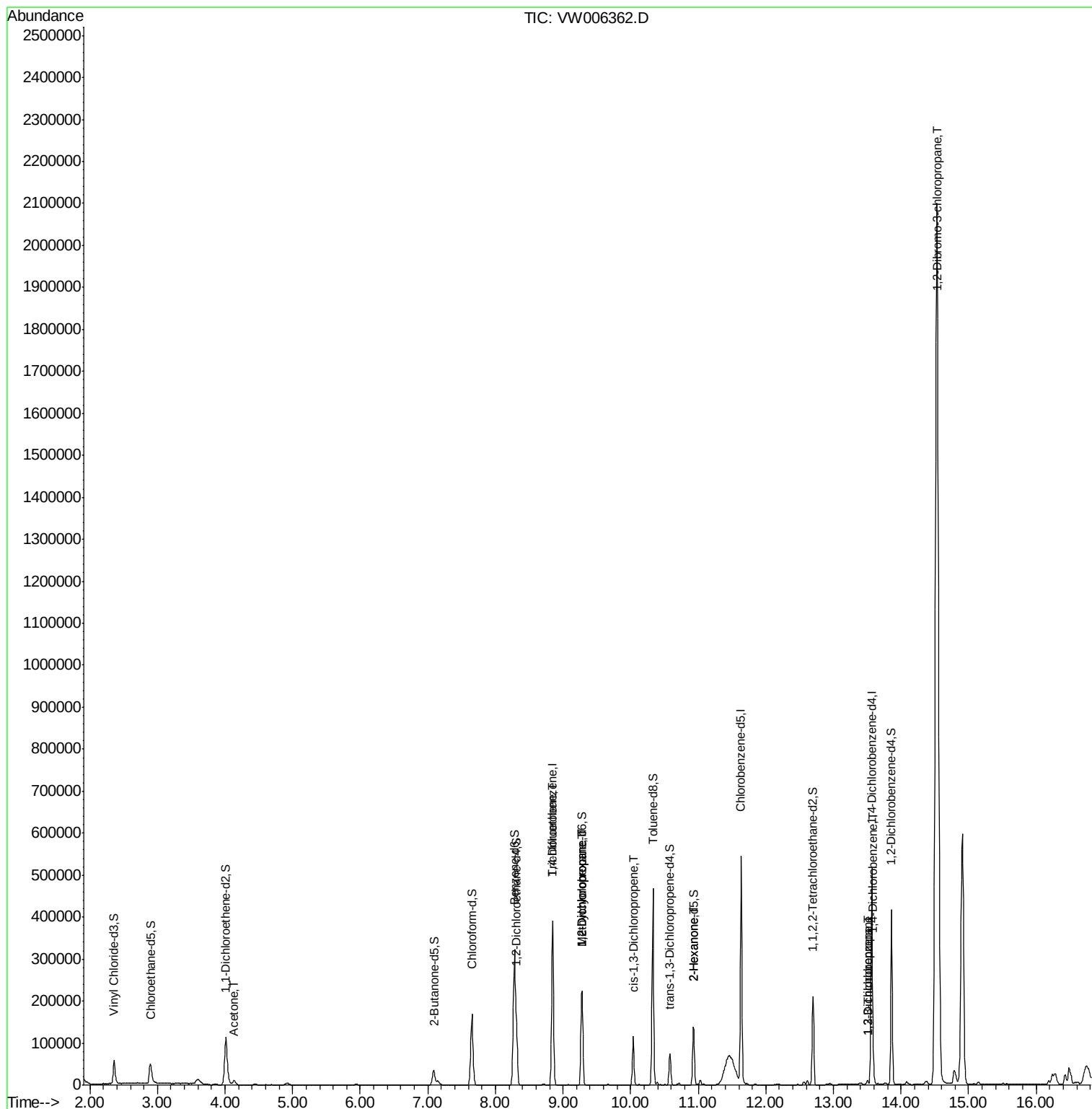
						Qvalue
13) Acetone	4.13	43	16200	12.015	ug/L	98
35) Trichloroethene	8.84	95	10548	2.327	ug/L #	2
36) Methylcyclohexane	9.28	83	25691	3.094	ug/L #	22
40) 1,2-Dichloropropane	9.27	63	11844	2.964	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3002	0.460	ug/L #	72
49) 2-Hexanone	10.93	43	6041	2.560	ug/L #	67
59) 1,2,3-Trichloropropane	13.51	75	1336	0.414	ug/L #	49
63) 1,3-Dichlorobenzene	13.51	146	5108	0.589	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	35991	4.120	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.53	75	6046	9.412	ug/L #	1

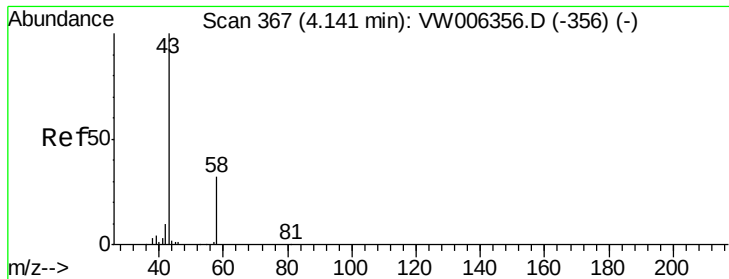
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.015 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

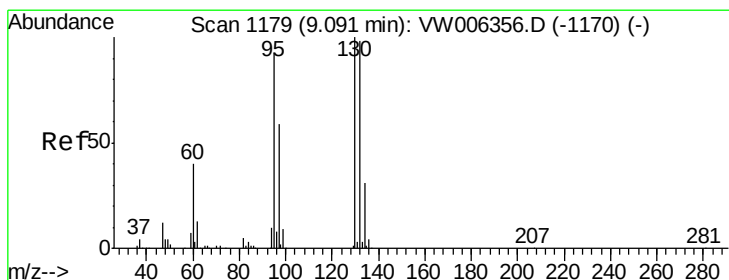
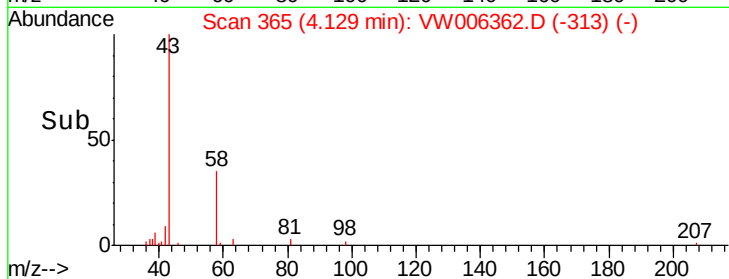
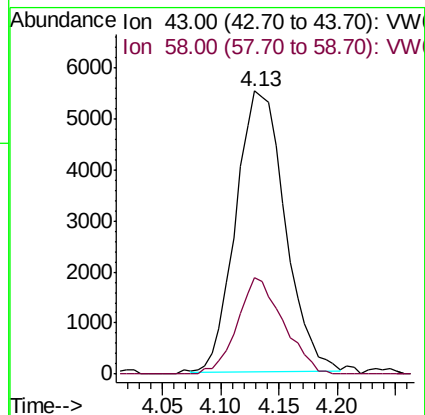
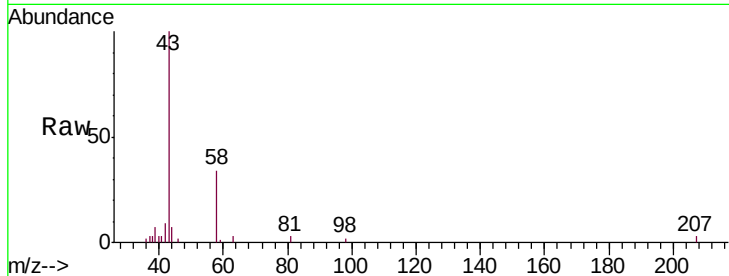
A40J9

Tgt Ion: 43 Resp: 16200

Ion Ratio Lower Upper

43 100

58 31.9 0.0 61.2



#35

Trichloroethene

Concen: 2.327 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW006362.D

Acq: 25 Oct 2018 14:13

Tgt Ion: 95 Resp: 10548

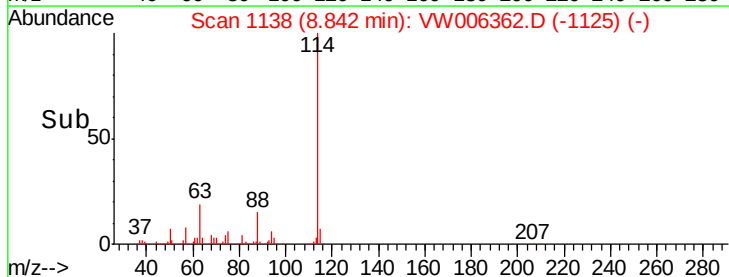
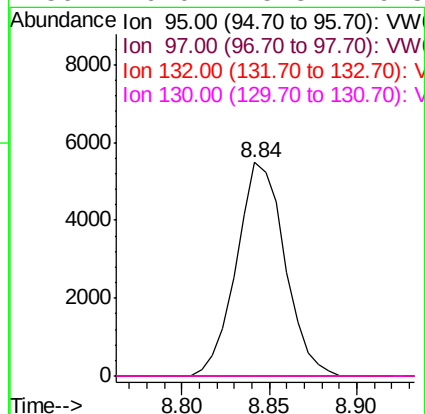
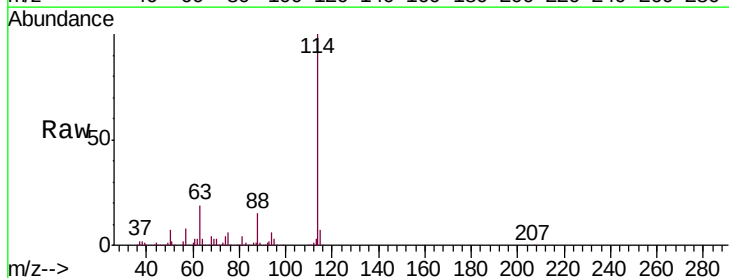
Ion Ratio Lower Upper

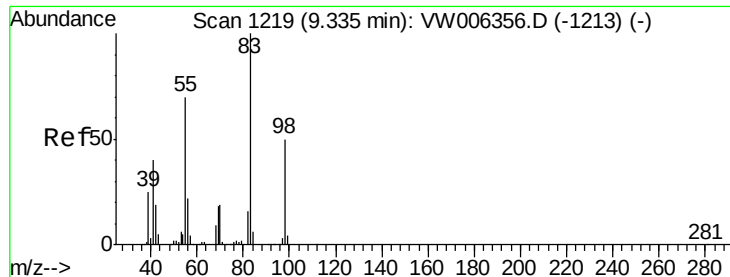
95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#





#36

Methylcyclohexane

Concen: 3.094 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

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Acq: 25 Oct 2018 14:13

Instrument :

MSVOA_W

ClientSampled :

A40J9

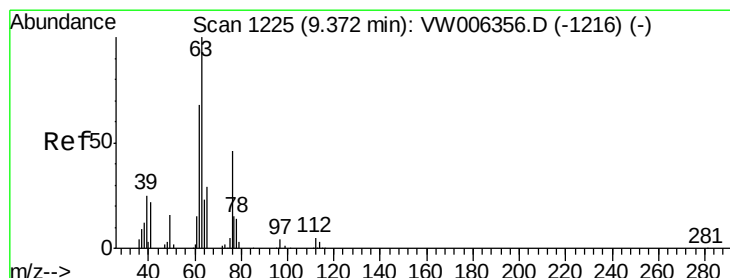
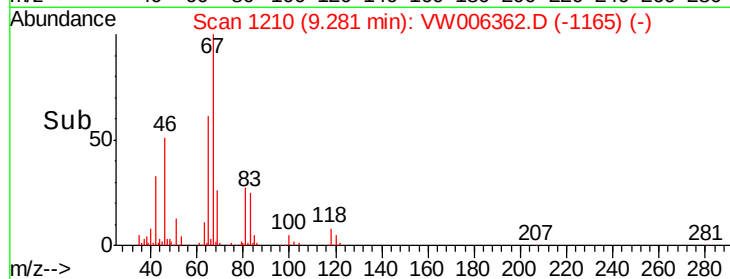
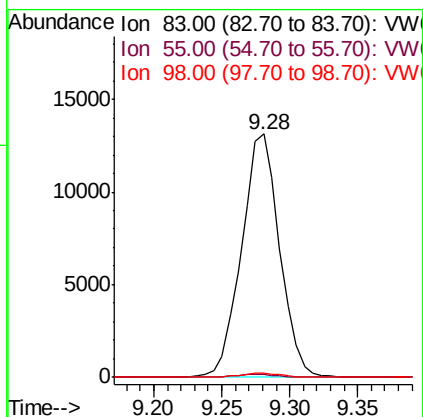
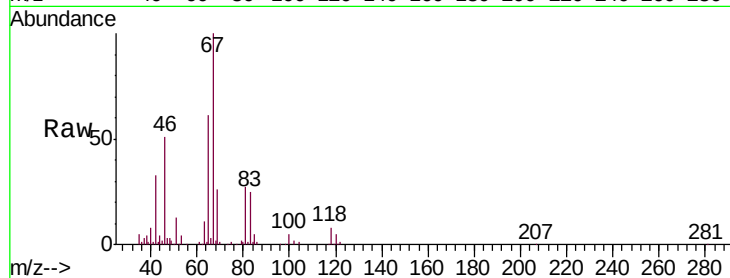
Tgt Ion: 83 Resp: 25691

Ion Ratio Lower Upper

83 100

55 1.1 57.1 85.7#

98 1.8 38.9 58.3#



#40

1,2-Dichloropropane

Concen: 2.964 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW006362.D

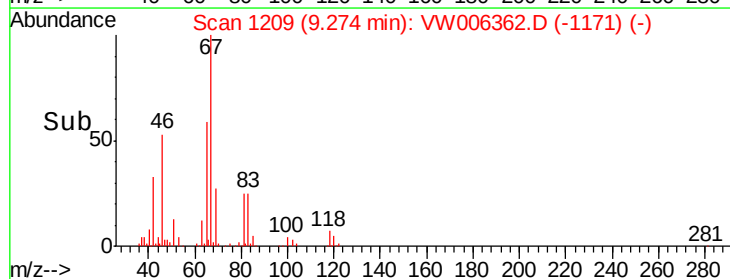
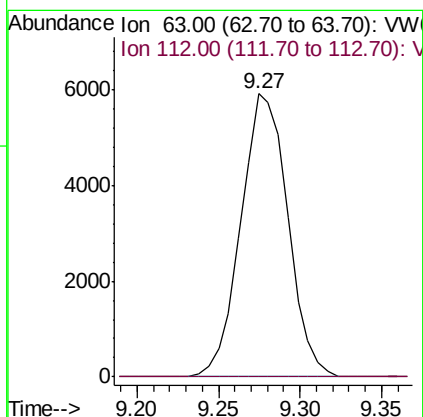
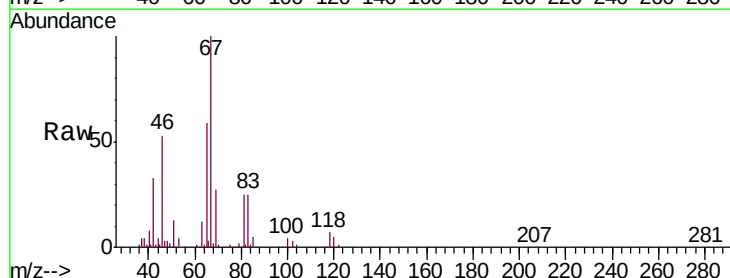
Acq: 25 Oct 2018 14:13

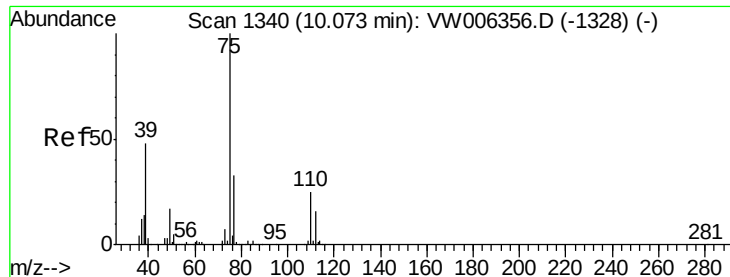
Tgt Ion: 63 Resp: 11844

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#42

cis-1,3-Dichloropropene

Concen: 0.460 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006362.D

Acq: 25 Oct 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

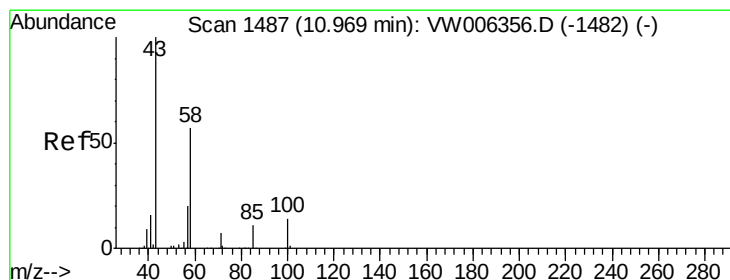
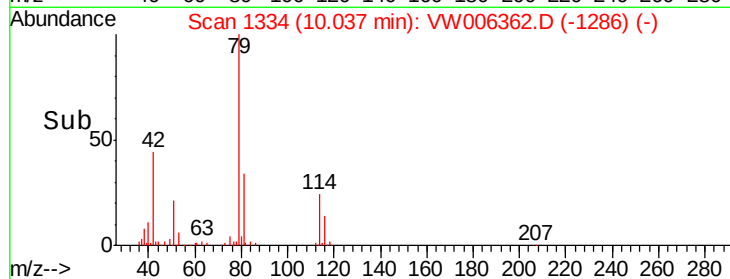
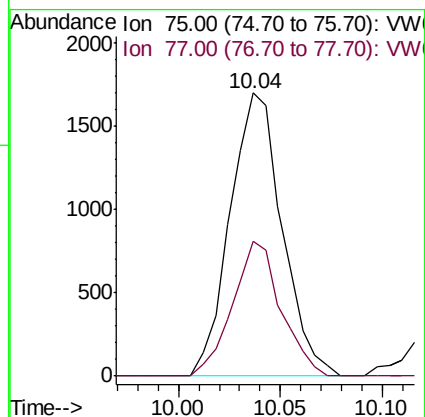
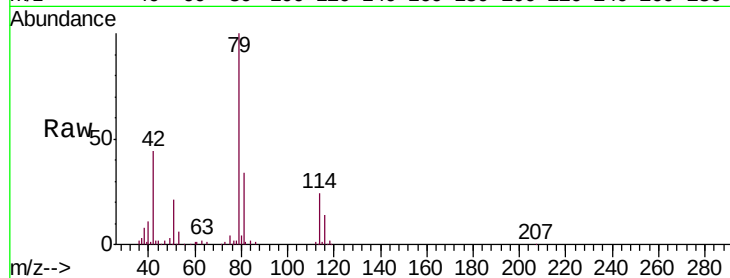
A40J9

Tgt Ion: 75 Resp: 3002

Ion Ratio Lower Upper

75 100

77 47.8 22.6 42.0#



#49

2-Hexanone

Concen: 2.560 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW006362.D

Acq: 25 Oct 2018 14:13

Tgt Ion: 43 Resp: 6041

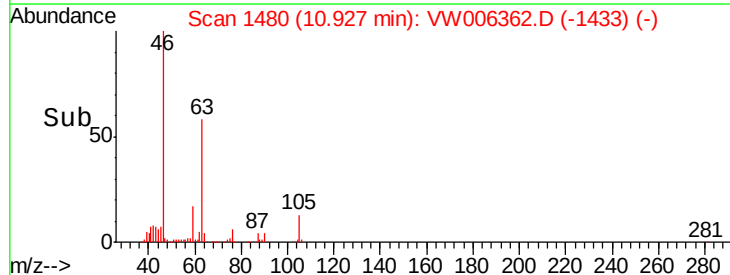
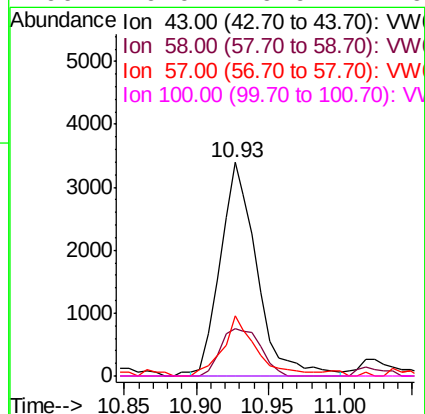
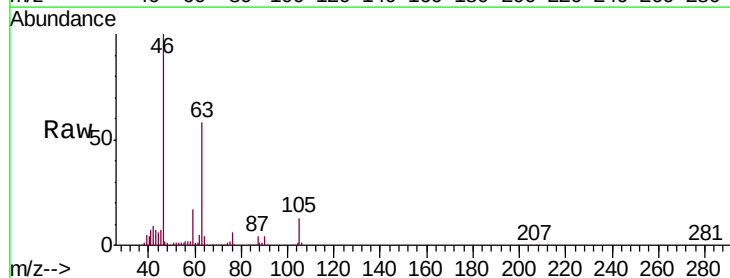
Ion Ratio Lower Upper

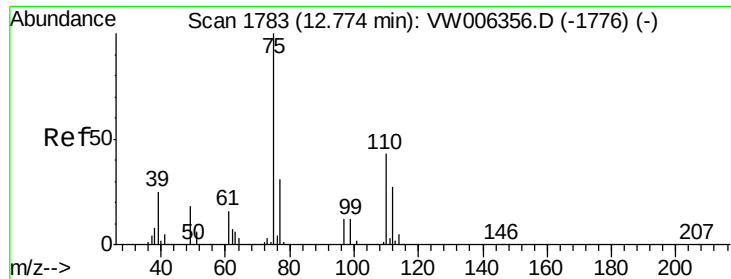
43 100

58 24.1 42.1 63.1#

57 25.7 15.1 22.7#

100 0.0 9.9 14.9#





#59

1,2,3-Trichloropropane

Concen: 0.414 ug/L

RT: 13.51 min Scan# 1903

Delta R.T. 0.73 min

Lab File: VW006362.D

Acq: 25 Oct 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

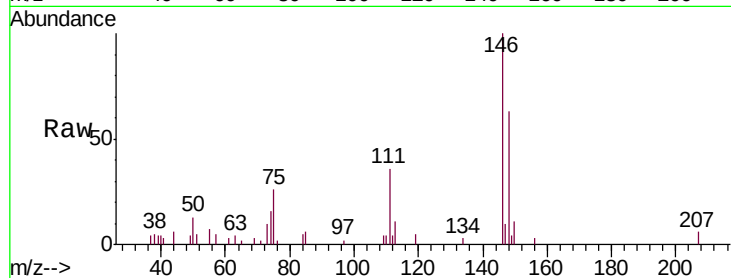
A40J9

Tgt Ion: 75 Resp: 1336

Ion Ratio Lower Upper

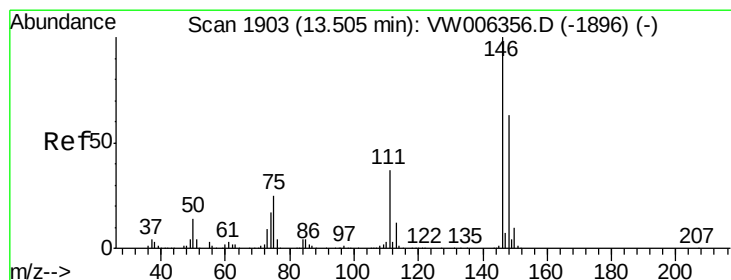
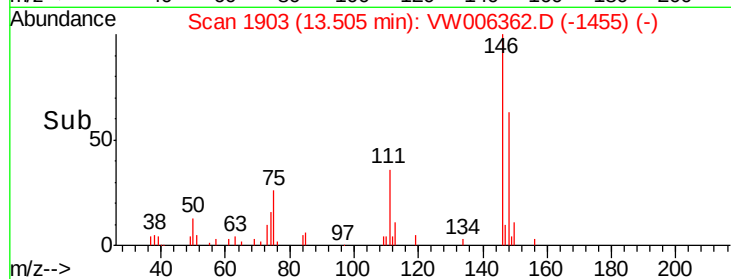
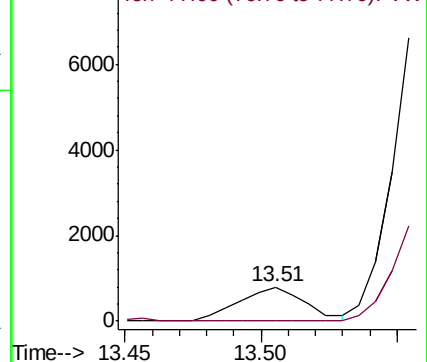
75 100

77 3.7 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#63

1,3-Dichlorobenzene

Concen: 0.589 ug/L

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006362.D

Acq: 25 Oct 2018 14:13

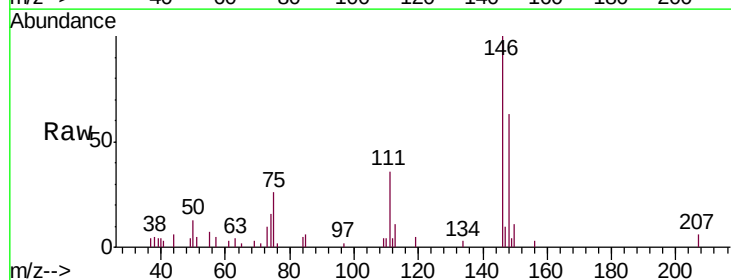
Tgt Ion: 146 Resp: 5108

Ion Ratio Lower Upper

146 100

111 36.0 26.3 48.9

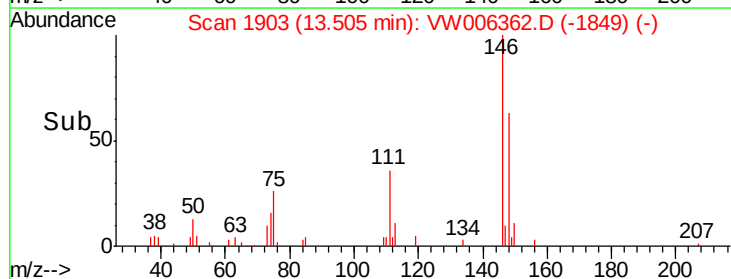
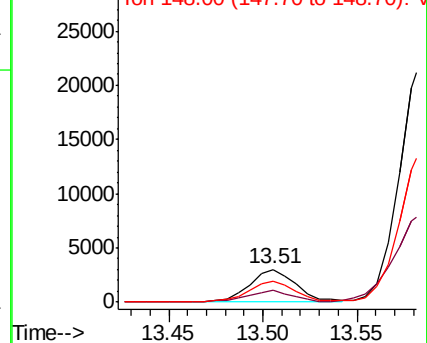
148 62.6 44.7 82.9

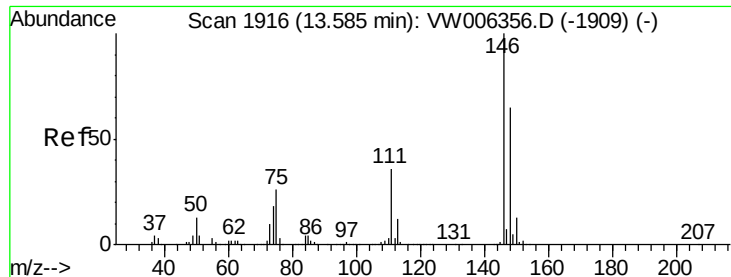


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

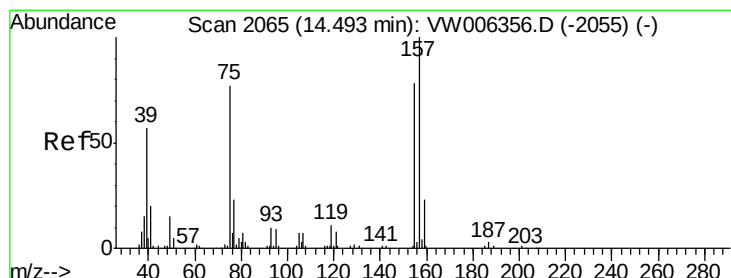
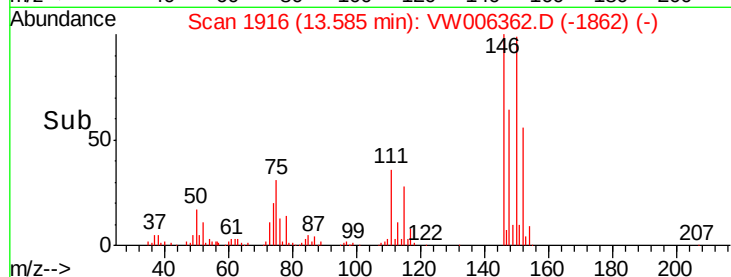
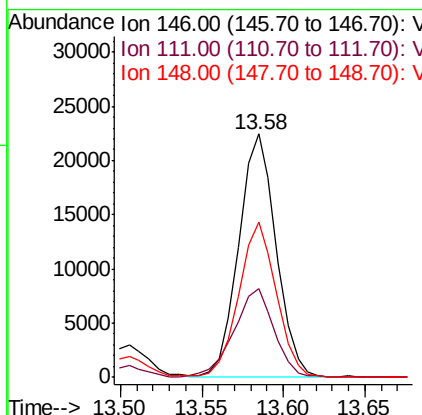
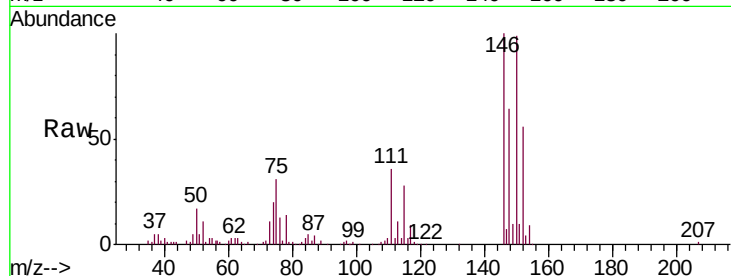




#64
 1,4-Dichlorobenzene
 Concen: 4.120 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006362.D
 Acq: 25 Oct 2018 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 A40J9

Tgt Ion:146 Resp: 35991
 Ion Ratio Lower Upper
 146 100
 111 36.2 24.7 45.9
 148 63.9 44.9 83.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 9.412 ug/L
 RT: 14.53 min Scan# 2071
 Delta R.T. 0.04 min
 Lab File: VW006362.D
 Acq: 25 Oct 2018 14:13

Tgt Ion: 75 Resp: 6046
 Ion Ratio Lower Upper
 75 100
 157 499.1 106.8 160.2#
 155 281.7 79.2 118.8#

