

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013637.D
 Acq On : 21 Oct 2019 15:52
 Operator : SY/VA
 Sample : K5422-05
 Misc : 6.34G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 21 18:30:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 16:37:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	40774	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	34868	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	10616	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	15099	30.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.72%
7) Chloroethane-d5	2.89	69	14764	31.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.48%
10) 1,1-Dichloroethene-d2	4.02	63	25050	22.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.68%
20) 2-Butanone-d5	7.15	46	227	1.27	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	2.54%#
24) Chloroform-d	7.65	84	29759	26.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.32%
26) 1,2-Dichloroethane-d4	8.30	65	16325	27.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.44%
29) Benzene-d6	8.28	84	63787	30.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.80%
33) 1,2-Dichloropropane-d6	9.27	67	19629	31.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.48%#
37) Toluene-d8	10.32	98	50602	26.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.76%
38) trans-1,3-Dichloropropene-	10.58	79	6933	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.24%
39) 2-Hexanone-d5	10.93	63	4884	40.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.66%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	13363	26.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	10582	28.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.84%

Target Compounds

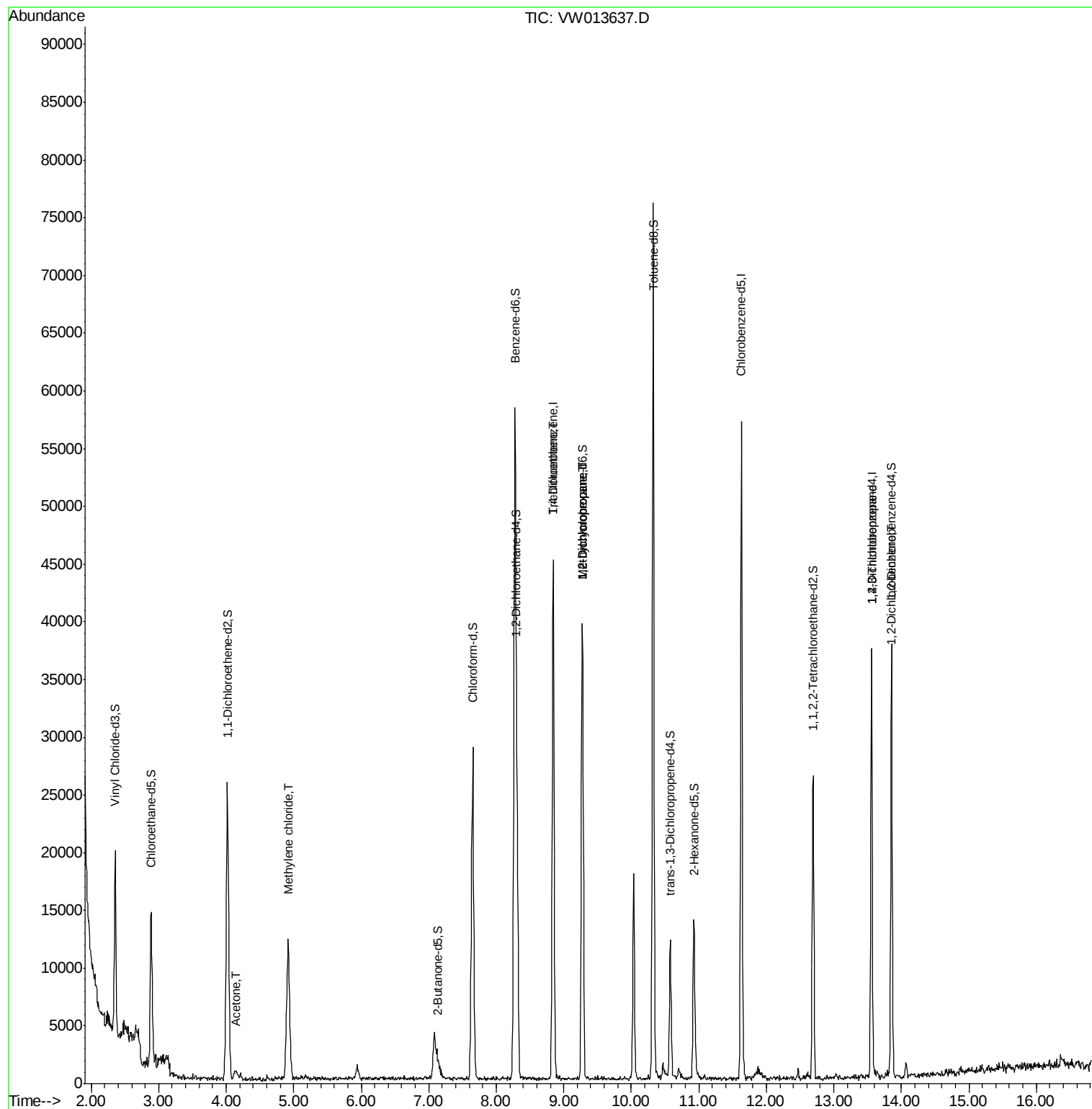
					Ovalue
13) Acetone	4.15	43	1646	8.289 ug/L	91
16) Methylene chloride	4.92	84	9218	11.806 ug/L	91
35) Trichloroethene	8.84	95	1156	1.801 ug/L #	2
36) Methylcyclohexane	9.27	83	5033	4.449 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	2014	3.292 ug/L #	85
59) 1,2,3-Trichloropropane	13.57	75	1397	3.388 ug/L	99
65) 1,2-Dichlorobenzene	13.86	146	867	1.328 ug/L	90

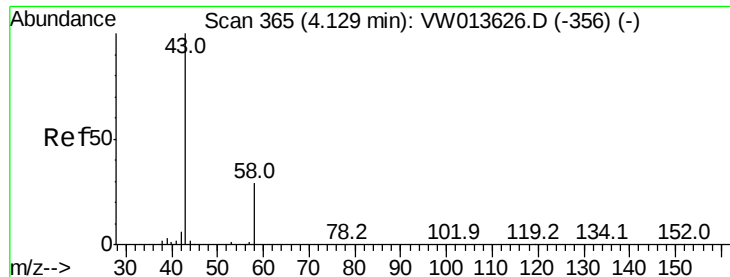
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 21 16:37:58 2019
Response via : Initial Calibration





#13

Acetone

Concen: 8.289 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW013637.D

Acq: 21 Oct 2019 15:52

Instrument :

MSVOA_W

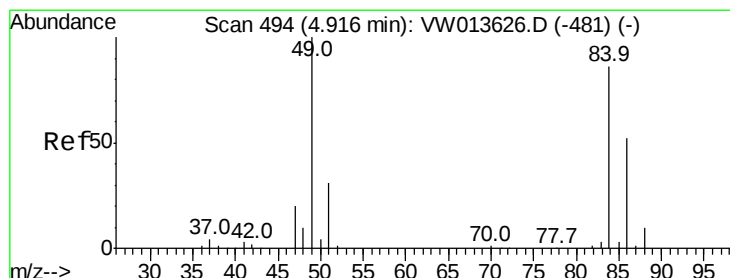
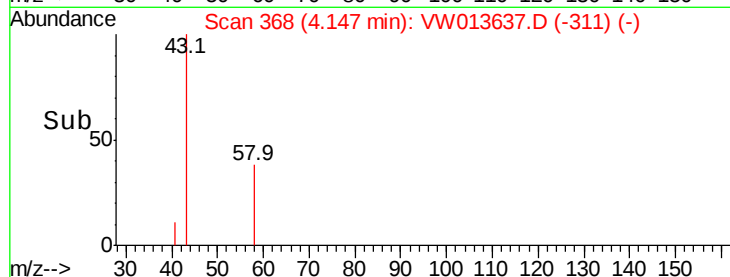
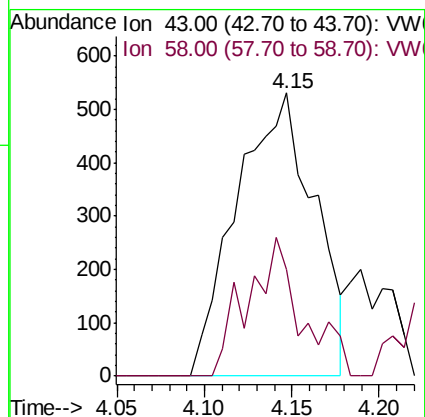
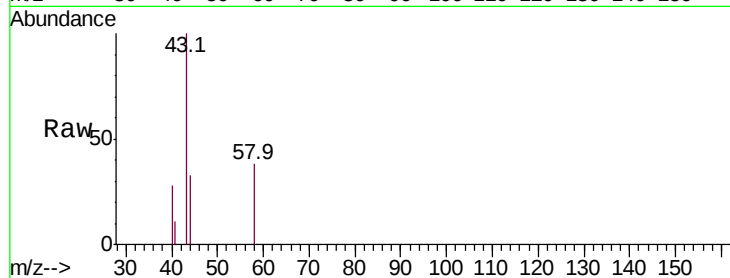
ClientSampled :

Tot Ion: 43 Resp: 1646

Ion Ratio Lower Upper

43 100

58 30.1 0.0 70.4



#16

Methylene chloride

Concen: 11.806 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW013637.D

Acq: 21 Oct 2019 15:52

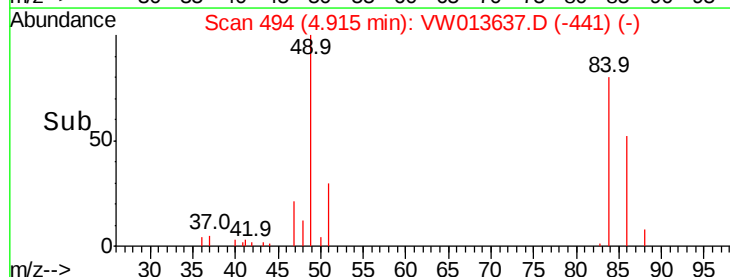
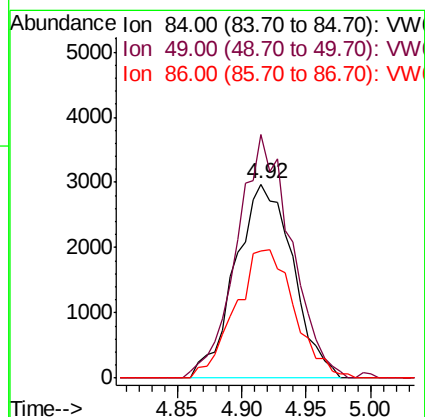
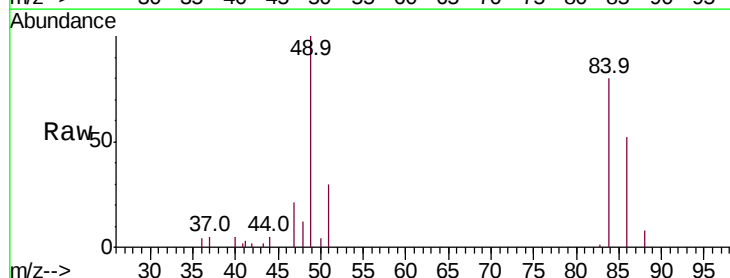
Tgt Ion: 84 Resp: 9218

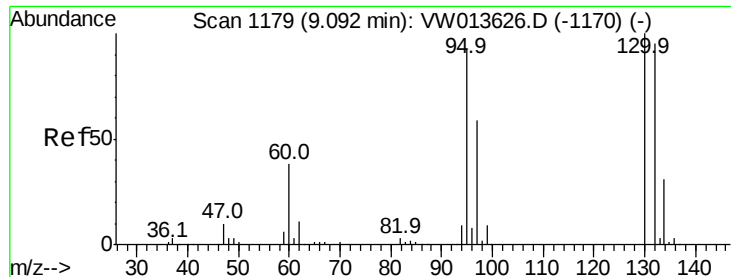
Ion Ratio Lower Upper

84 100

49 125.6 80.2 148.9

86 65.5 42.7 79.3





#35

Trichloroethene

Concen: 1.801 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013637.D

Acq: 21 Oct 2019 15:52

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 1156

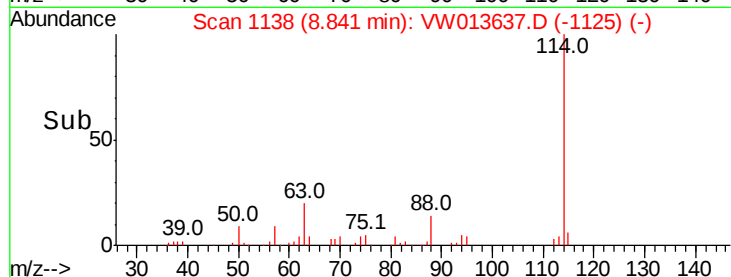
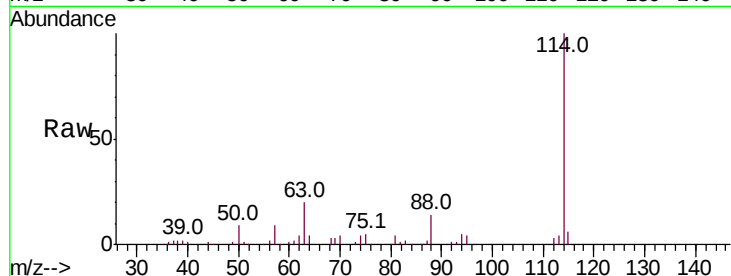
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

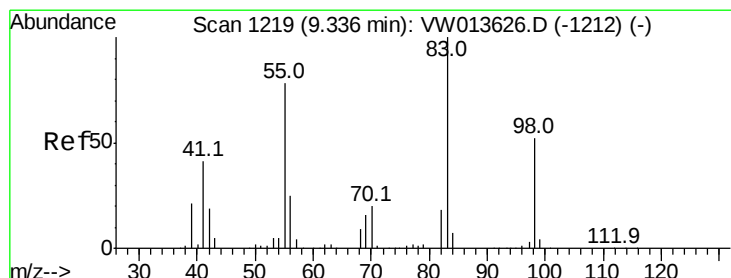
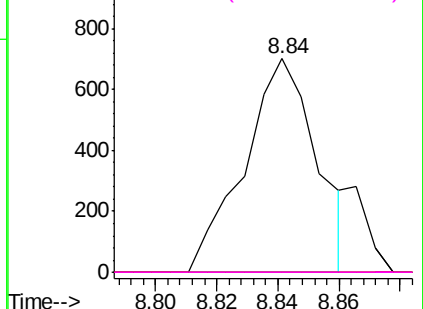


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 4.449 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW013637.D

Acq: 21 Oct 2019 15:52

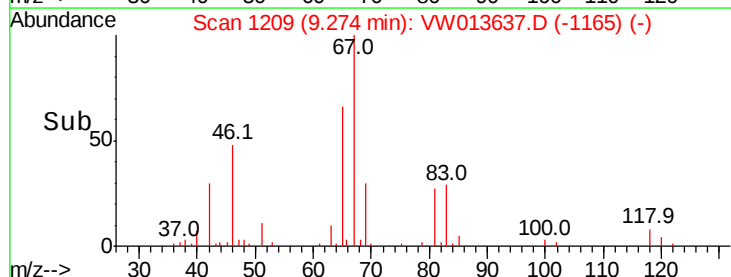
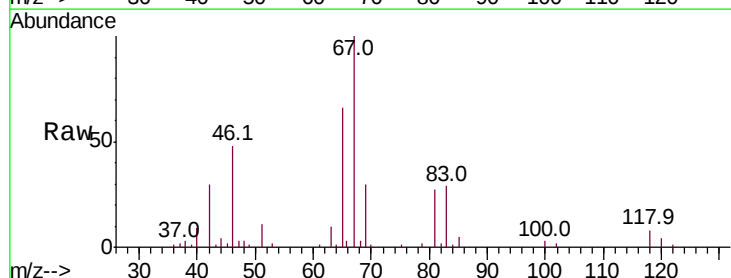
Tgt Ion: 83 Resp: 5033

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

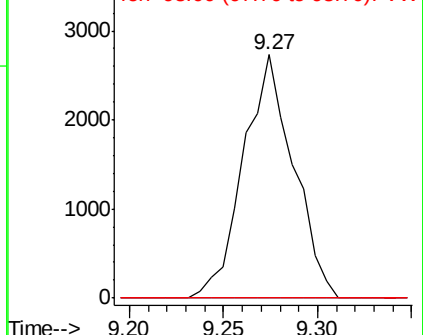
98 0.0 39.1 58.7#

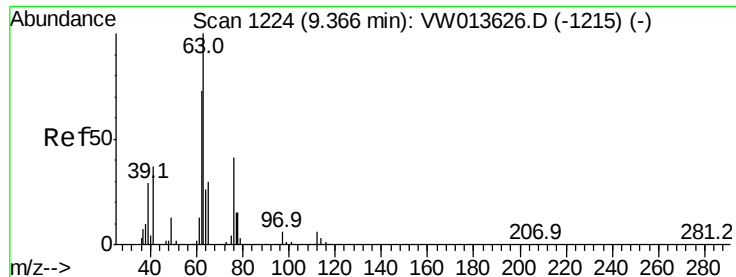


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.292 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW013637.D

Acq: 21 Oct 2019 15:52

Instrument :

MSVOA_W

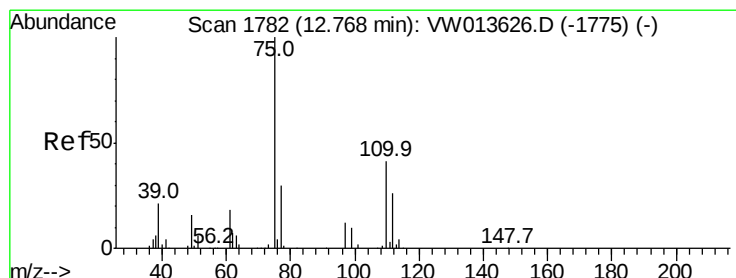
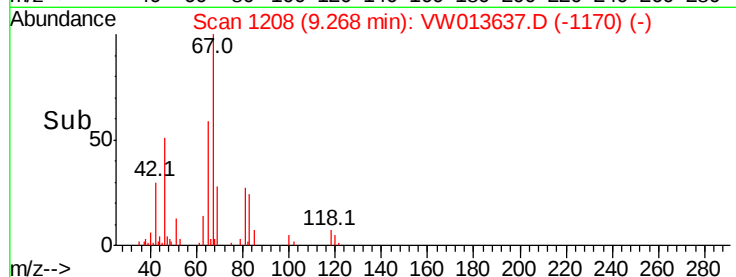
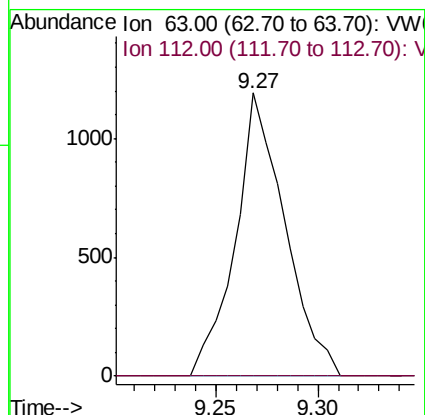
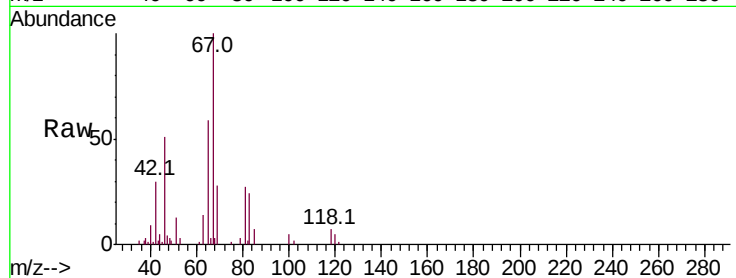
ClientSampleId :

Tot Ion: 63 Resp: 2014

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#59

1,2,3-Trichloropropane

Concen: 3.388 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.80 min

Lab File: VW013637.D

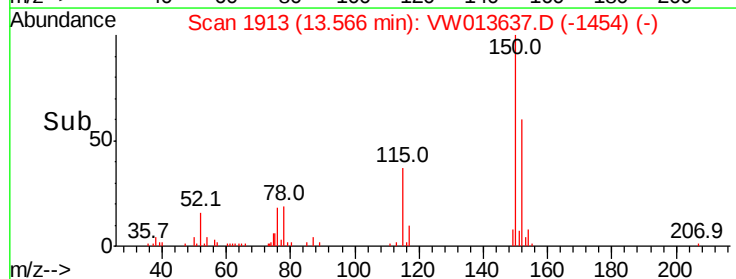
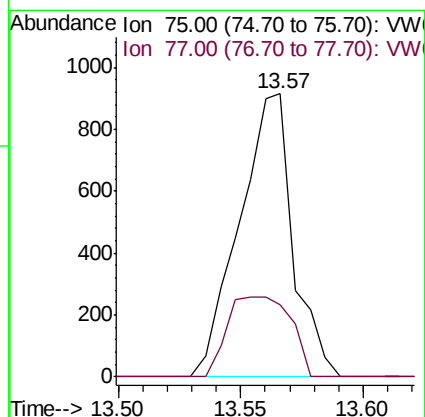
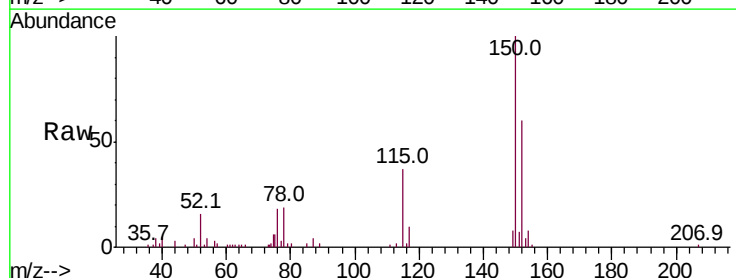
Acq: 21 Oct 2019 15:52

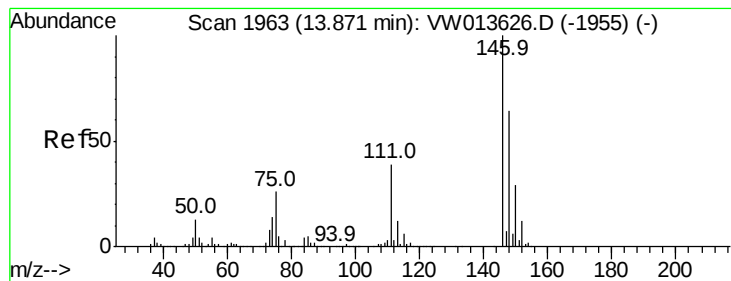
Tgt Ion: 75 Resp: 1397

Ion Ratio Lower Upper

75 100

77 33.4 26.4 39.6





#65

1,2-Dichlorobenzene

Concen: 1.328 ug/L

RT: 13.86 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW013637.D

Acq: 21 Oct 2019 15:52

Instrument :

MSVOA_W

ClientSampleId :

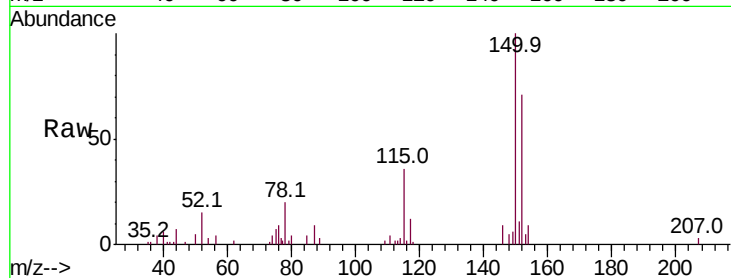
Tot Ion:146 Resp: 867

Ion Ratio Lower Upper

146 100

111 44.2 30.7 46.1

148 58.4 53.3 79.9



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

