

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120718\
 Data File : VW007334.D
 Acq On : 08 Dec 2018 04:45
 Operator : SY/AP
 Sample : J6270-03
 Misc : 6.53G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E02

Quant Time: Dec 08 05:49:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 08 04:46:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	120577	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	102972	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	46482	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	21166	26.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.80%
7) Chloroethane-d5	2.90	69	16145	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.08%
10) 1,1-Dichloroethene-d2	4.01	63	49639	18.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.28%
20) 2-Butanone-d5	7.08	46	18541	37.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.90%
24) Chloroform-d	7.65	84	63901	22.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.88%
26) 1,2-Dichloroethane-d4	8.31	65	38301	23.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.64%
29) Benzene-d6	8.27	84	130956	23.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.68%
33) 1,2-Dichloropropane-d6	9.27	67	36825	23.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.28%
37) Toluene-d8	10.32	98	123650	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.32%
38) trans-1,3-Dichloropropene-	10.58	79	16331	20.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.08%
39) 2-Hexanone-d5	10.93	63	14308	37.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	31460	21.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	38161	23.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.36%

Target Compounds

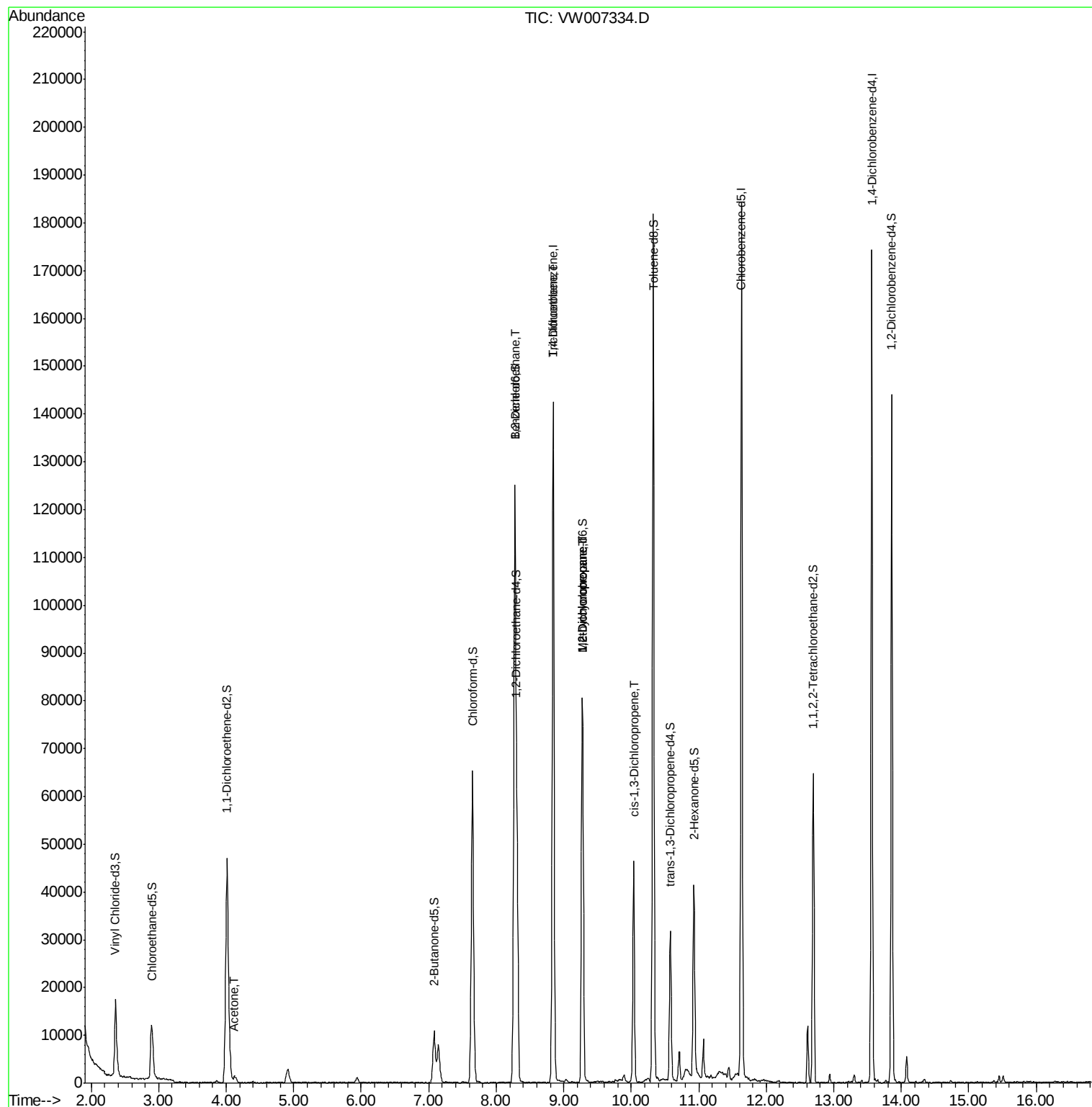
					Ovalue
13) Acetone	4.12	43	1808	3.141 ug/L	69
27) 1,2-Dichloroethane	8.27	62	742	0.370 ug/L #	76
35) Trichloroethene	8.84	95	3782	2.235 ug/L #	4
36) Methylcyclohexane	9.27	83	9392	3.215 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	4213	2.918 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1282	0.529 ug/L	97

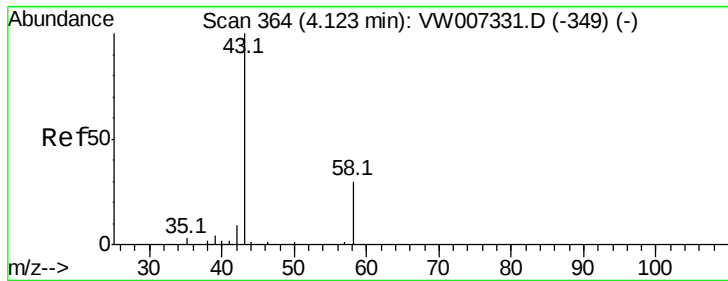
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 08 04:46:36 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.141 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW007334.D

Acq: 08 Dec 2018 04:45

Instrument :

MSVOA_W

ClientSampleId :

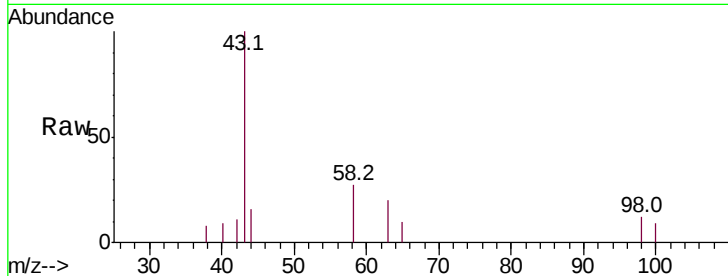
F9E02

Tot Ion: 43 Resp: 1808

Ion Ratio Lower Upper

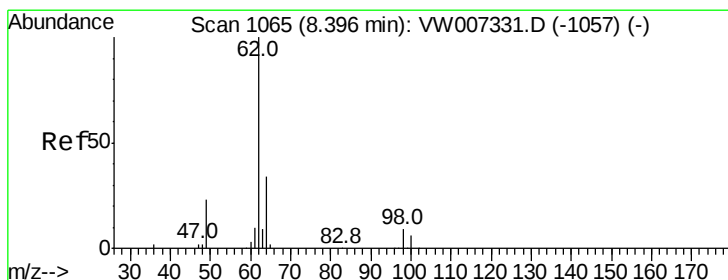
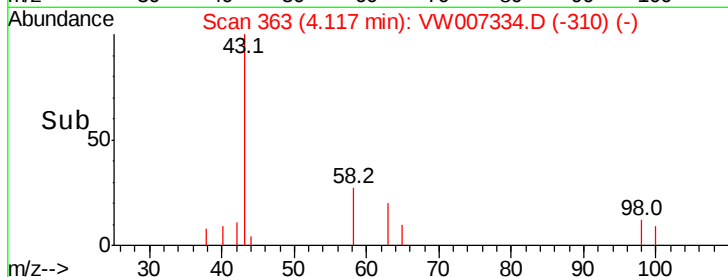
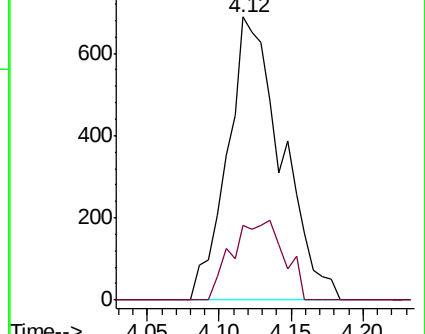
43 100

58 12.9 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#27

1,2-Dichloroethane

Concen: 0.370 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW007334.D

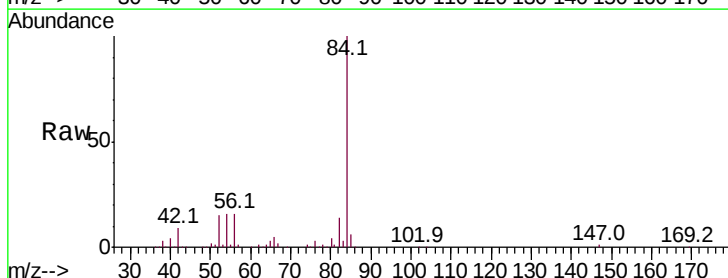
Acq: 08 Dec 2018 04:45

Tgt Ion: 62 Resp: 742

Ion Ratio Lower Upper

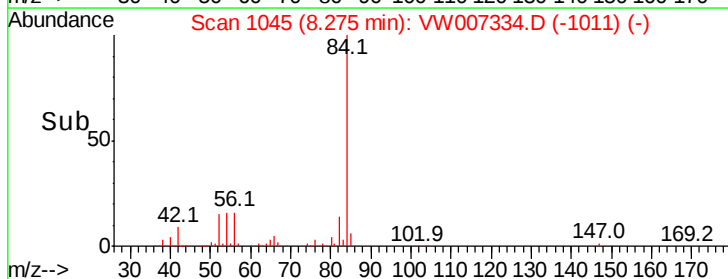
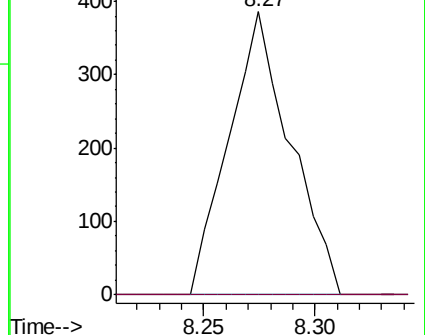
62 100

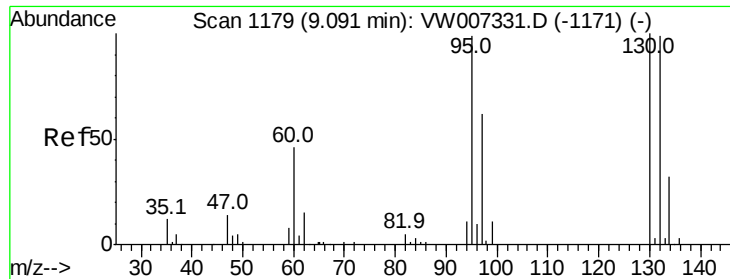
98 0.0 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 2.235 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007334.D

Acq: 08 Dec 2018 04:45

Instrument :

MSVOA_W

ClientSampled :

F9E02

Tot Ion: 95 Resp: 3782

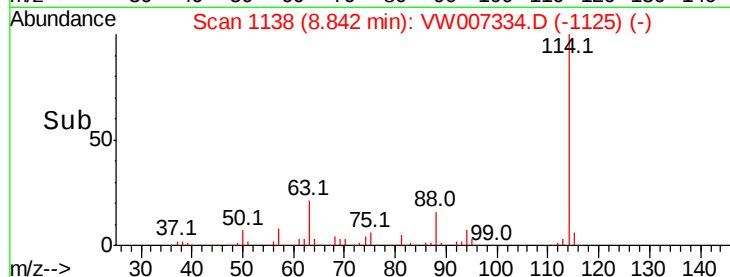
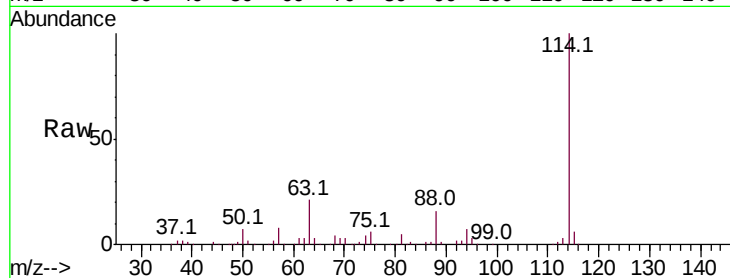
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

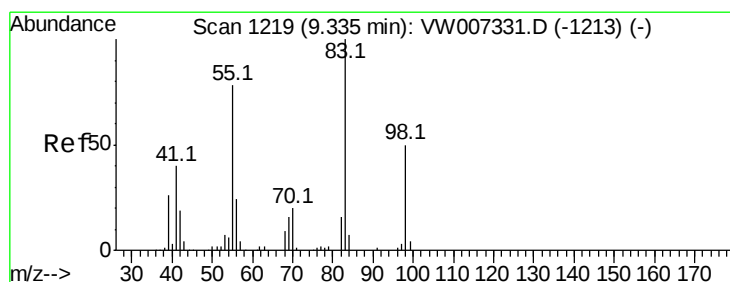
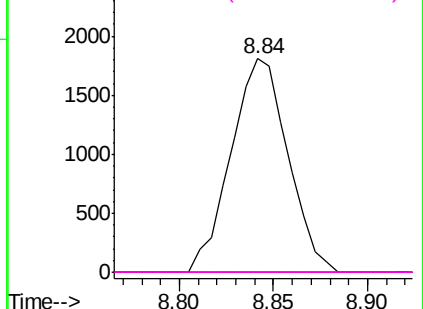


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.215 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007334.D

Acq: 08 Dec 2018 04:45

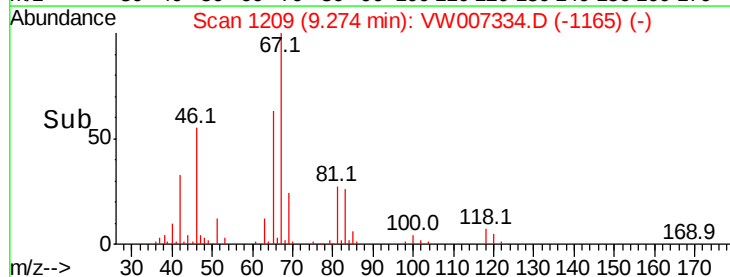
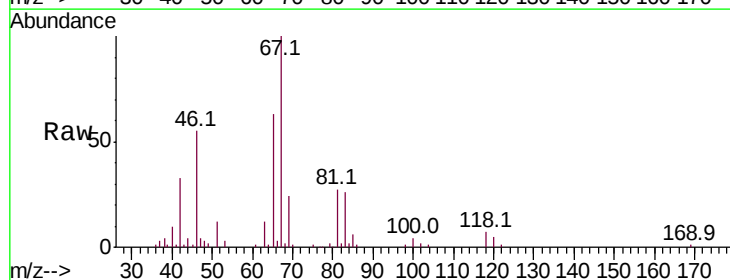
Tgt Ion: 83 Resp: 9392

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

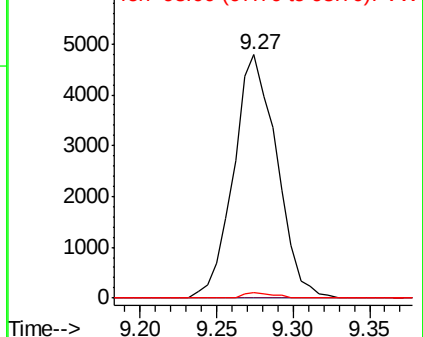
98 1.5 38.1 57.1#

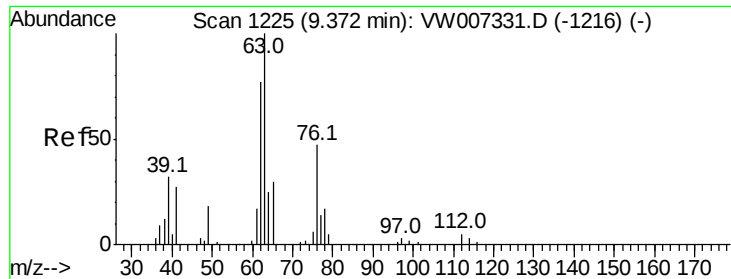


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.918 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007334.D

Acq: 08 Dec 2018 04:45

Instrument :

MSVOA_W

ClientSampleId :

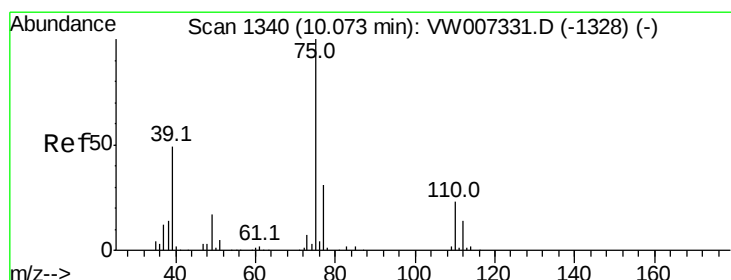
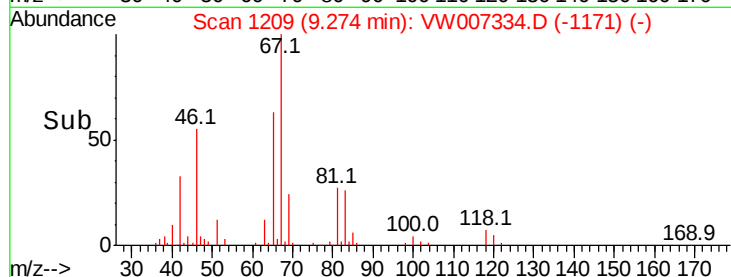
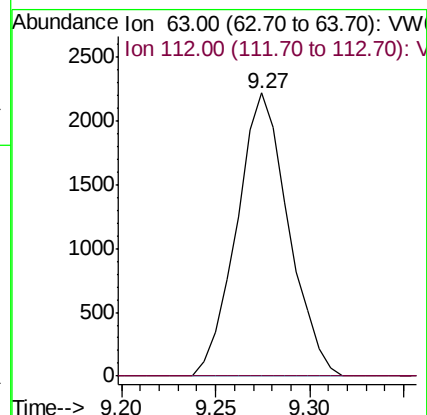
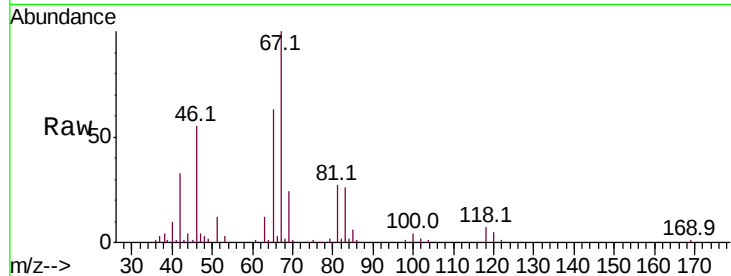
F9E02

Tot Ion: 63 Resp: 4213

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#42

cis-1,3-Dichloropropene

Concen: 0.529 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW007334.D

Acq: 08 Dec 2018 04:45

Tgt Ion: 75 Resp: 1282

Ion Ratio Lower Upper

75 100

77 31.0 23.0 42.6

