

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
 Data File : VW014330.D
 Acq On : 12 Dec 2019 17:02
 Operator : SY/VA
 Sample : K6236-20
 Misc : 4.49G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEW2

Quant Time: Dec 13 06:11:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 13 06:08:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1242737	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1052085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	439128	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	409976	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
7) Chloroethane-d5	2.89	69	324281	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
10) 1,1-Dichloroethene-d2	4.01	63	577792	17.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.52%
20) 2-Butanone-d5	7.07	46	228348	46.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.12%
24) Chloroform-d	7.65	84	750938	23.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	8.31	65	403627	24.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.32%
29) Benzene-d6	8.27	84	1631613	26.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.84%
33) 1,2-Dichloropropane-d6	9.27	67	508440	26.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.20%
37) Toluene-d8	10.32	98	1406219	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.88%
38) trans-1,3-Dichloropropene-	10.57	79	183855	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.40%
39) 2-Hexanone-d5	10.92	63	178017	47.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	346525	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	413461	24.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.56%

Target Compounds

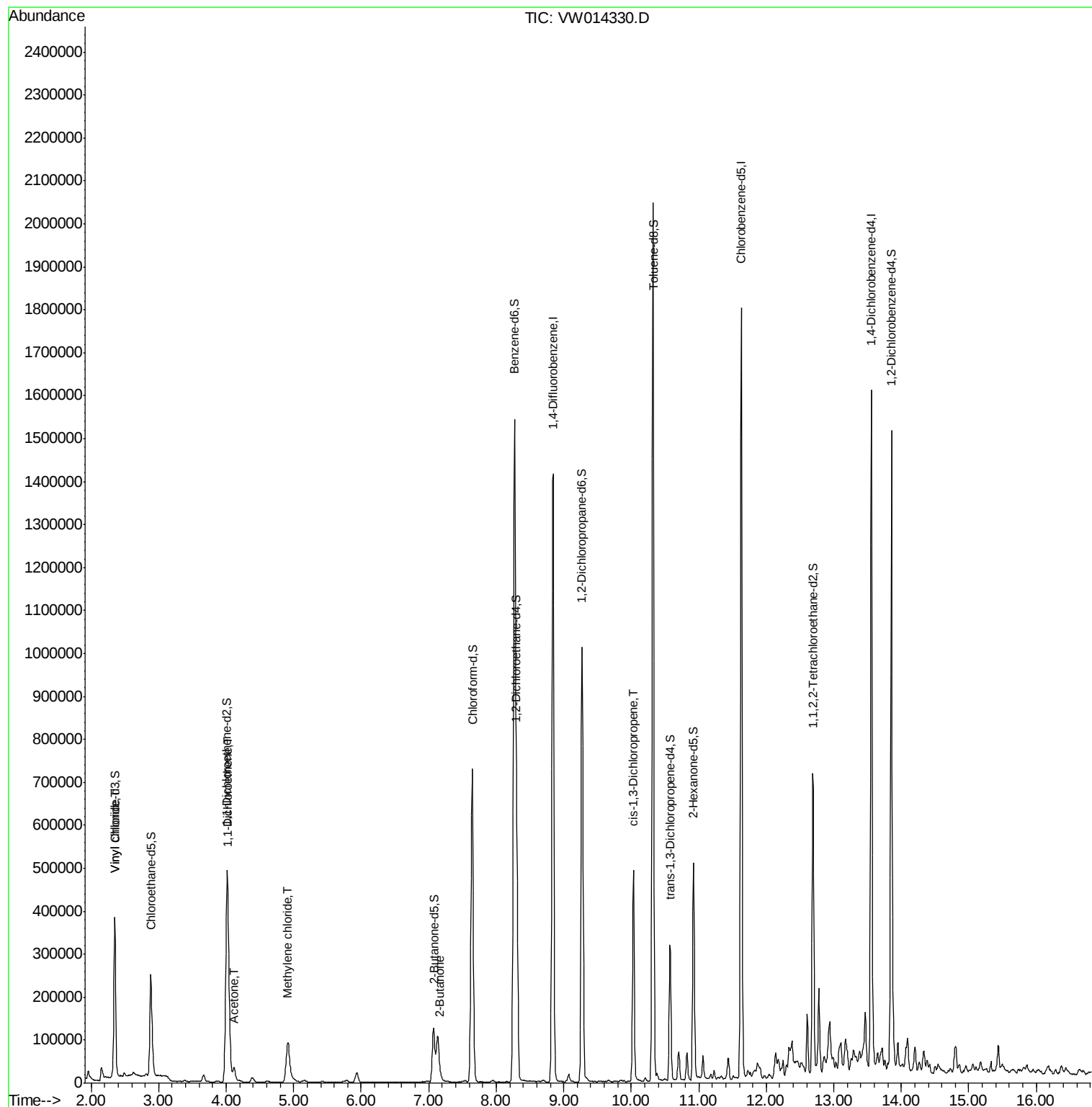
					Ovalue
5) Vinyl chloride	2.35	62	11234	0.639 ug/L #	1
12) 1,1-Dichloroethene	4.03	96	9071	0.547 ug/L #	1
13) Acetone	4.12	43	54472	11.521 ug/L	99
16) Methylene chloride	4.90	84	34871	1.830 ug/L	97
21) 2-Butanone	7.17	43	20631	3.250 ug/L	96
42) cis-1,3-Dichloropropene	10.03	75	10532	0.411 ug/L #	57

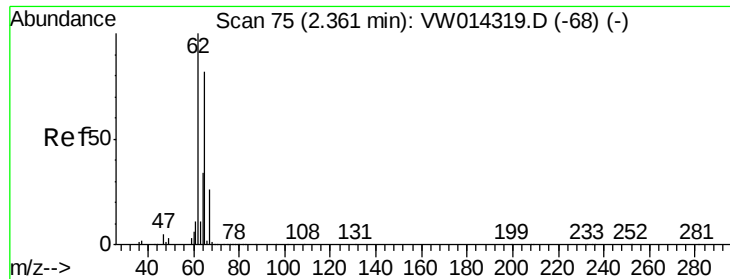
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 06:08:10 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.639 ug/L

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014330.D

Acq: 12 Dec 2019 17:02

Instrument :

MSVOA_W

ClientSampled :

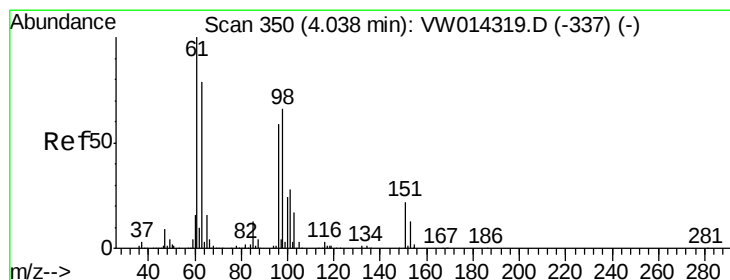
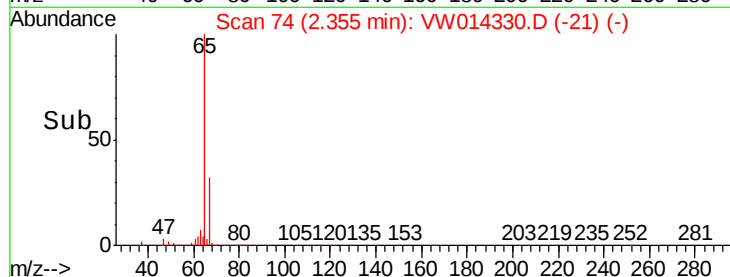
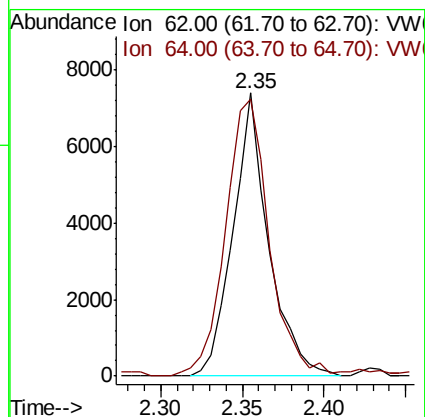
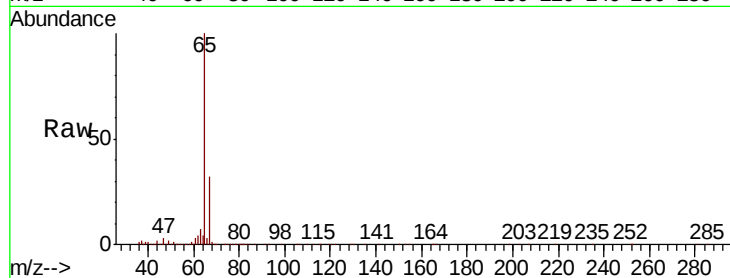
BFEW2

Tot Ion: 62 Resp: 11234

Ion Ratio Lower Upper

62 100

64 97.9 21.8 40.4#



#12

1,1-Dichloroethene

Concen: 0.547 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW014330.D

Acq: 12 Dec 2019 17:02

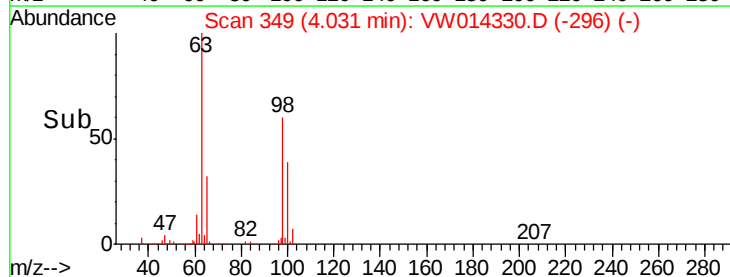
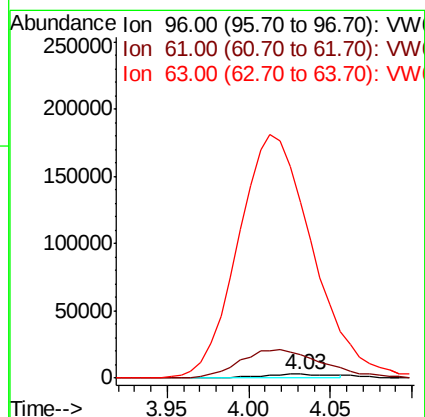
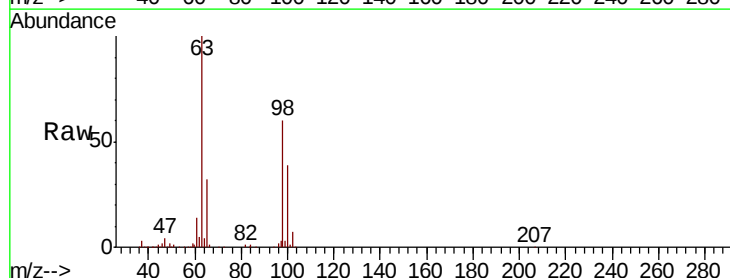
Tgt Ion: 96 Resp: 9071

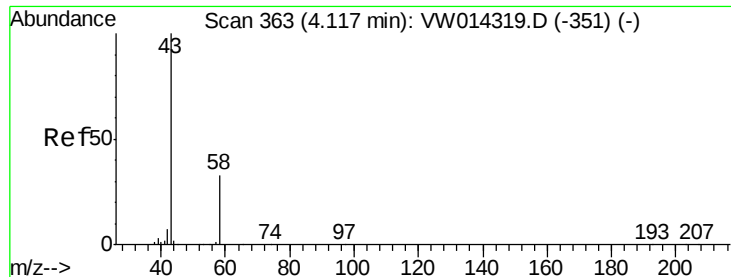
Ion Ratio Lower Upper

96 100

61 618.1 109.8 204.0#

63 4501.9 80.7 149.9#





#13

Acetone

Concen: 11.521 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014330.D

Acq: 12 Dec 2019 17:02

Instrument :

MSVOA_W

ClientSampled :

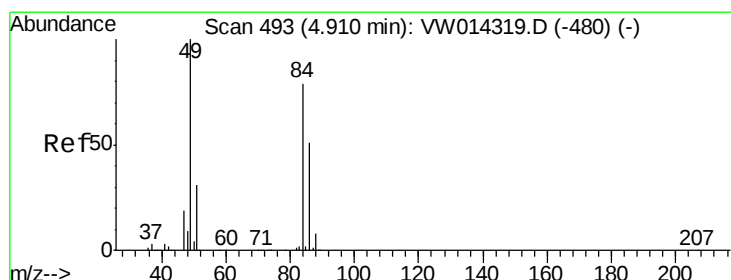
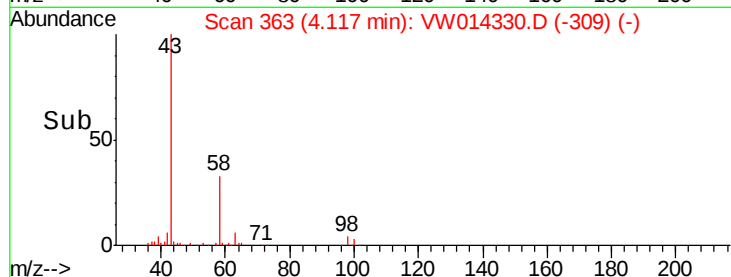
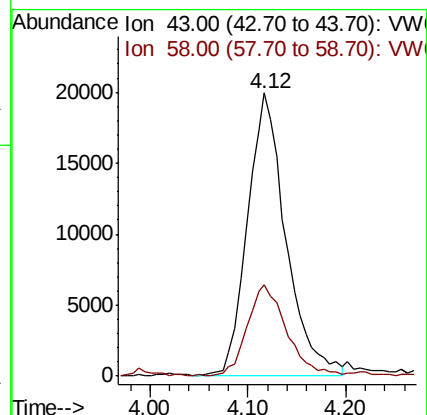
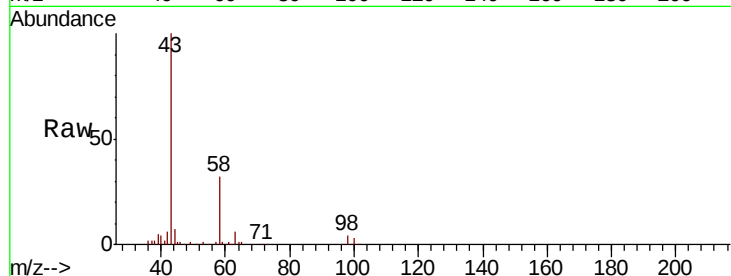
BFEW2

Tot Ion: 43 Resp: 54472

Ion Ratio Lower Upper

43 100

58 33.0 0.0 65.4



#16

Methylene chloride

Concen: 1.830 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW014330.D

Acq: 12 Dec 2019 17:02

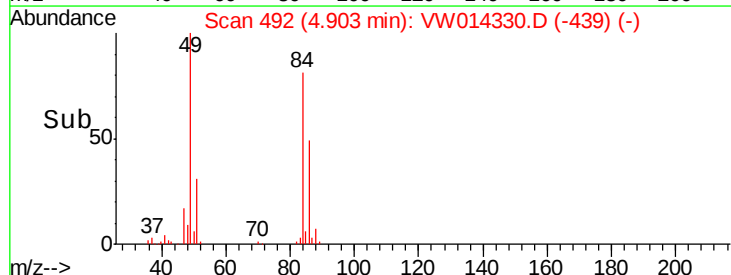
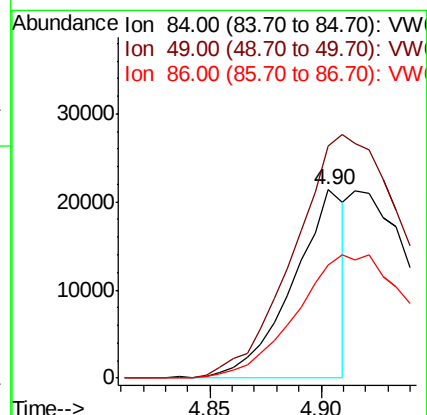
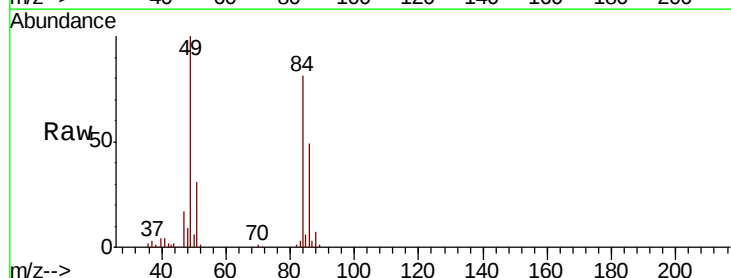
Tgt Ion: 84 Resp: 34871

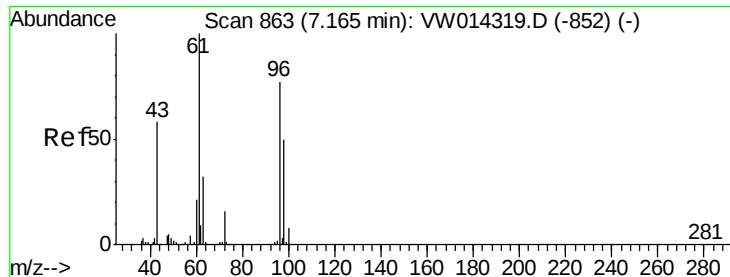
Ion Ratio Lower Upper

84 100

49 123.3 84.2 156.4

86 60.0 43.7 81.1





#21

2-Butanone

Concen: 3.250 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014330.D

Acq: 12 Dec 2019 17:02

Instrument :

MSVOA_W

ClientSampleId :

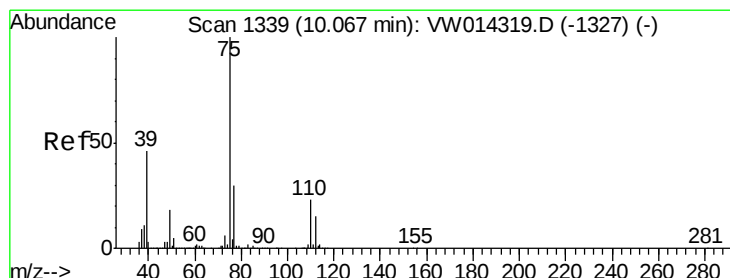
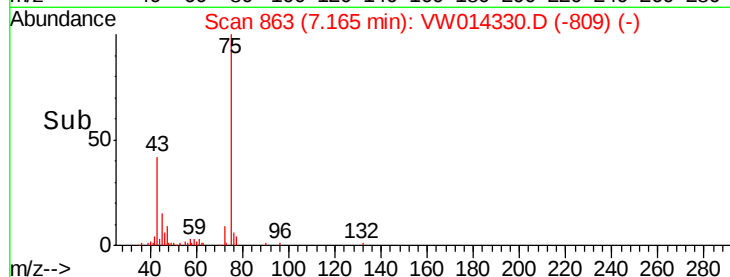
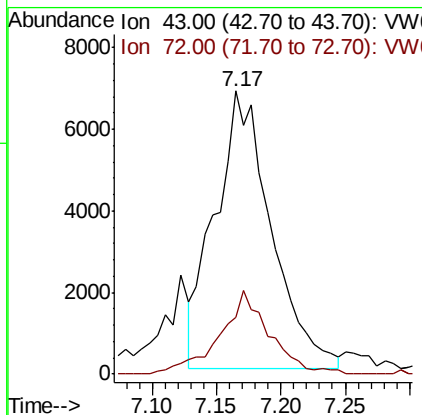
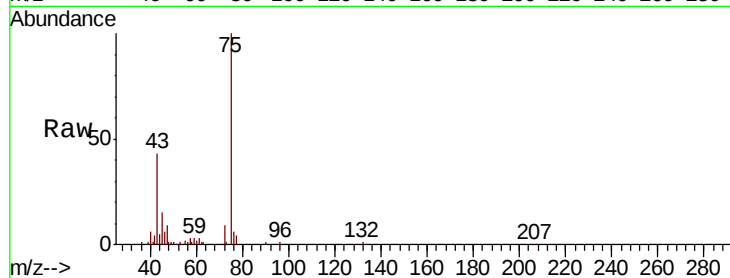
BFEW2

Tot Ion: 43 Resp: 20631

Ion Ratio Lower Upper

43 100

72 26.2 14.1 42.2



#42

cis-1,3-Dichloropropene

Concen: 0.411 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014330.D

Acq: 12 Dec 2019 17:02

Tgt Ion: 75 Resp: 10532

Ion Ratio Lower Upper

75 100

77 55.6 22.1 41.1#

