

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009851.D
 Acq On : 09 Apr 2019 21:50
 Operator : SY/VA
 Sample : K2327-20
 Misc : 6.27G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2N2

Quant Time: Apr 10 04:46:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:42:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	403747	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	378589	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142531	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122974	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.12%
7) Chloroethane-d5	2.89	69	113170	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
10) 1,1-Dichloroethene-d2	4.01	63	227084	19.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.96%
20) 2-Butanone-d5	7.07	46	140631	81.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.96%#
24) Chloroform-d	7.64	84	310474	28.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.72%
26) 1,2-Dichloroethane-d4	8.30	65	209713	31.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.04%
29) Benzene-d6	8.27	84	570978	28.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.92%
33) 1,2-Dichloropropane-d6	9.27	67	179259	29.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.80%
37) Toluene-d8	10.32	98	491334	26.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.96%
38) trans-1,3-Dichloropropene-	10.58	79	78600	26.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.40%
39) 2-Hexanone-d5	10.93	63	89248	77.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.28%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	193660	33.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.72%#
61) 1,2-Dichlorobenzene-d4	13.86	152	155414	31.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	124.28%#

Target Compounds

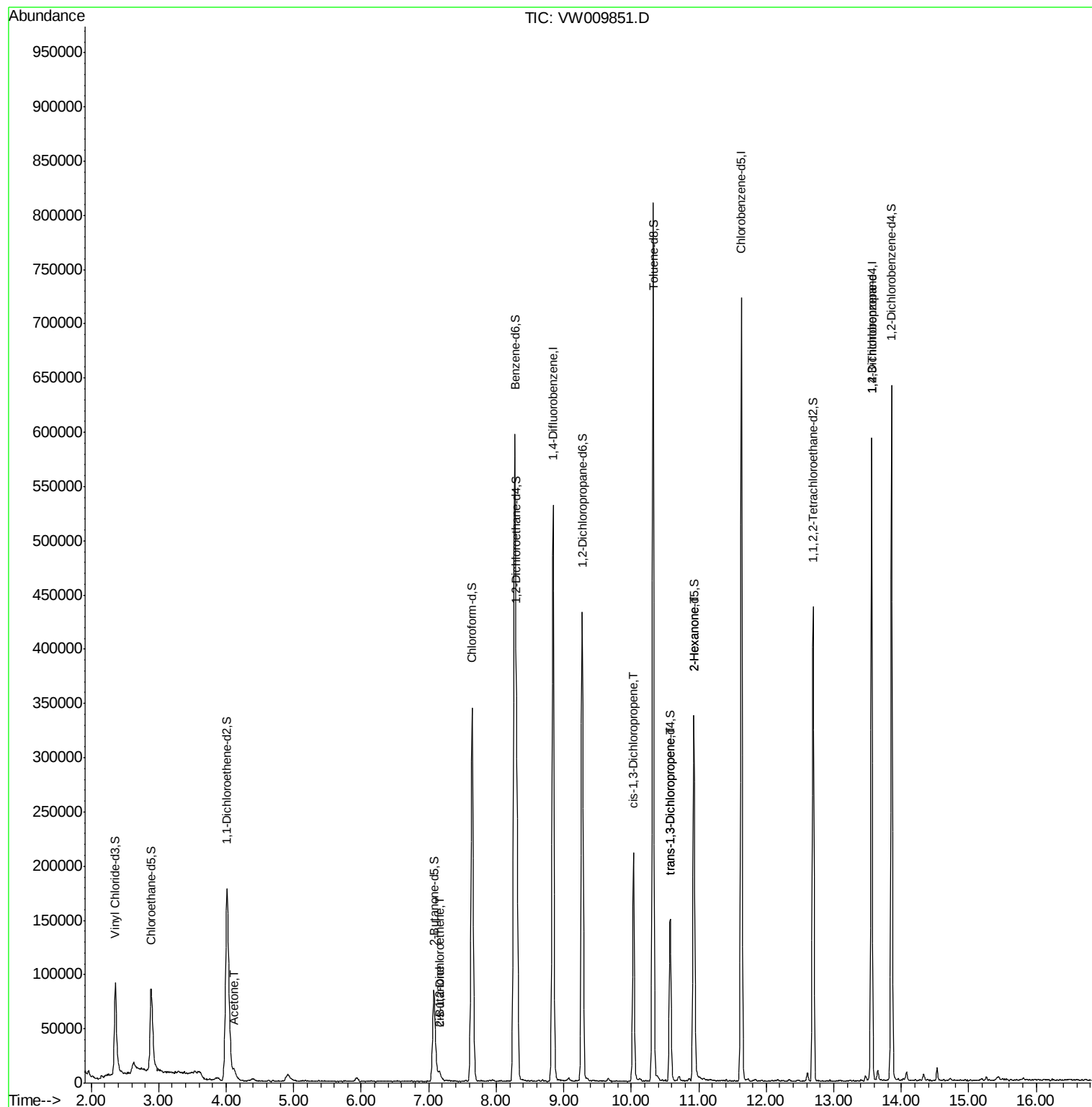
					Qvalue
13) Acetone	4.12	43	13459	7.323 ug/L	72
21) 2-Butanone	7.17	43	1761	0.753 ug/L	95
22) cis-1,2-Dichloroethene	7.16	96	2529	0.424 ug/L	89
42) cis-1,3-Dichloropropene	10.04	75	5895	0.653 ug/L	90
45) trans-1,3-Dichloropropene	10.57	75	4330	0.556 ug/L	92
49) 2-Hexanone	10.93	43	15451	4.582 ug/L #	82
59) 1,2,3-Trichloropropane	13.56	75	19103	4.361 ug/L	92

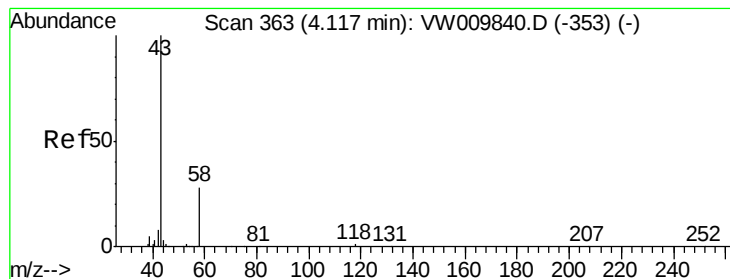
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.323 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009851.D

Acq: 09 Apr 2019 21:50

Instrument :

MSVOA_W

ClientSampled :

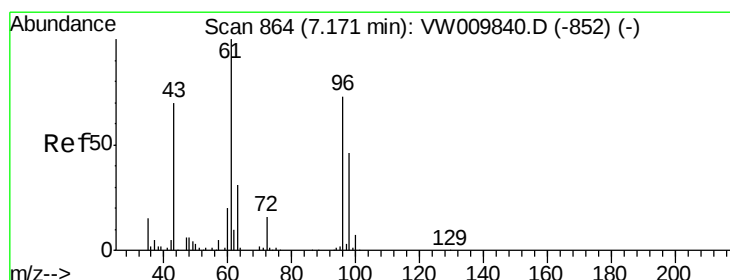
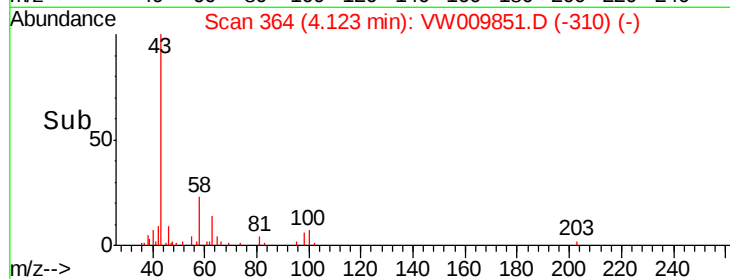
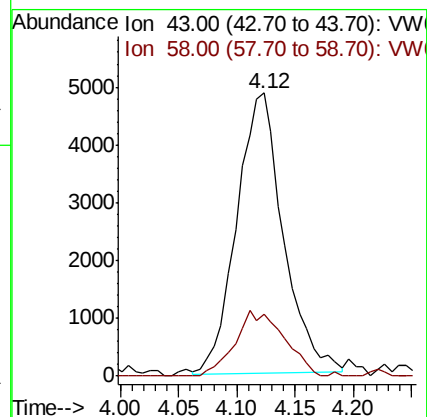
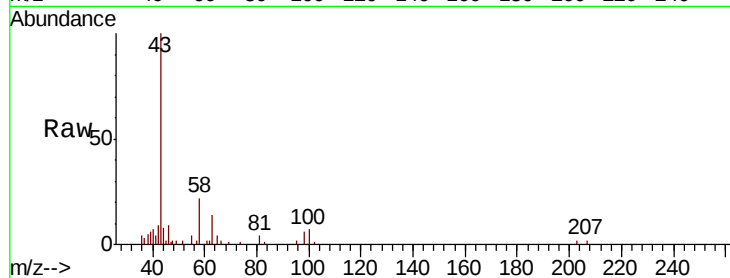
BF2N2

Tgt Ion: 43 Resp: 13459

Ion Ratio Lower Upper

43 100

58 12.0 0.0 53.0



#21

2-Butanone

Concen: 0.753 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW009851.D

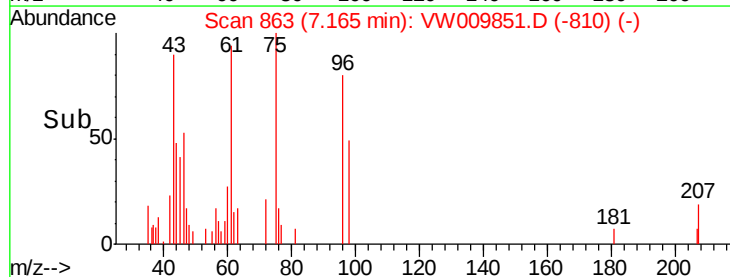
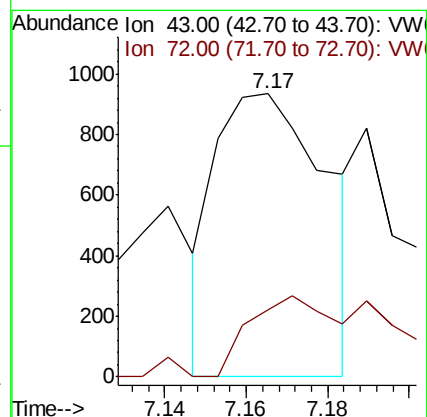
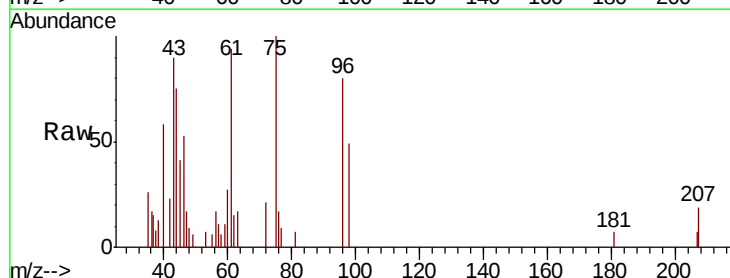
Acq: 09 Apr 2019 21:50

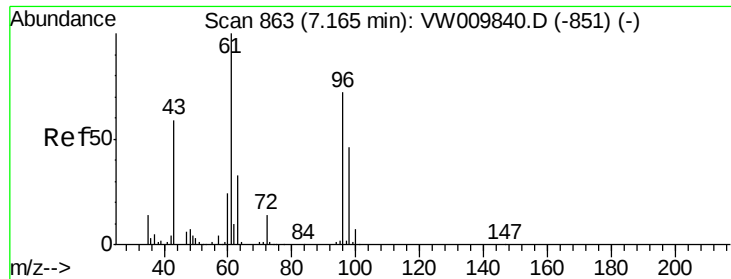
Tgt Ion: 43 Resp: 1761

Ion Ratio Lower Upper

43 100

72 21.7 12.0 36.1

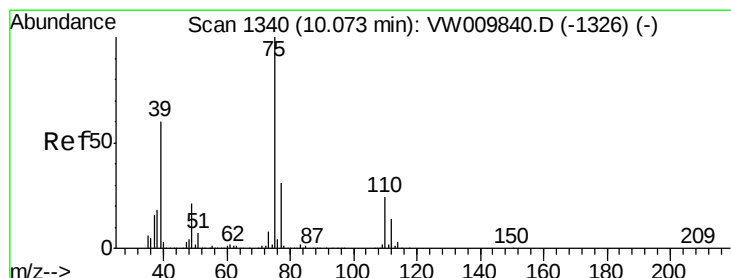
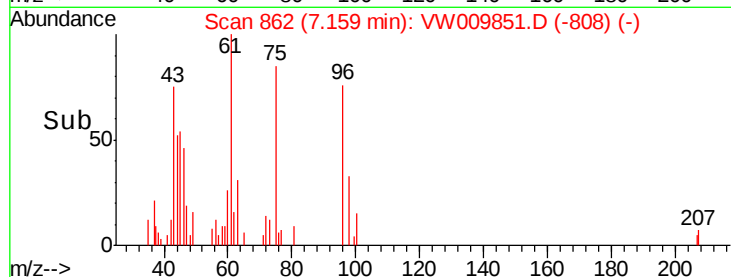
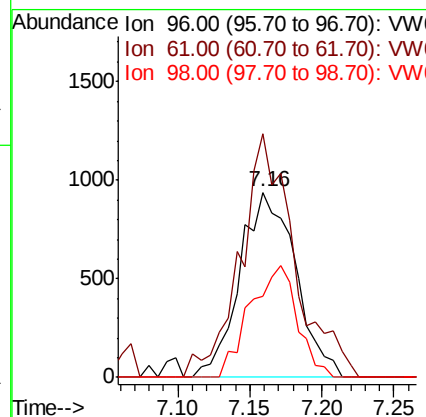
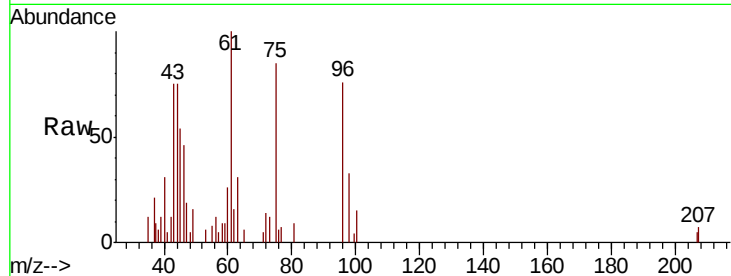




#22
 cis-1,2-Dichloroethene
 Concen: 0.424 ug/L
 RT: 7.16 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VW009851.D
 Acq: 09 Apr 2019 21:50

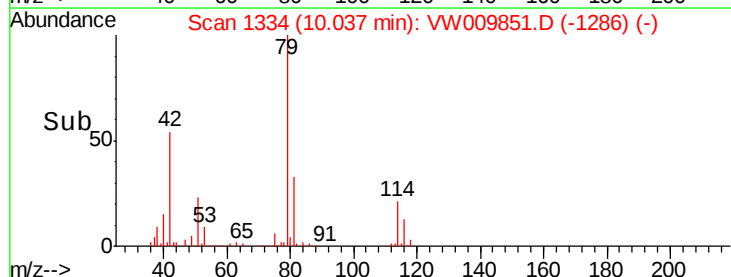
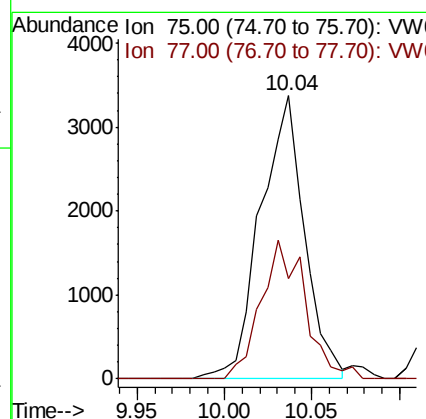
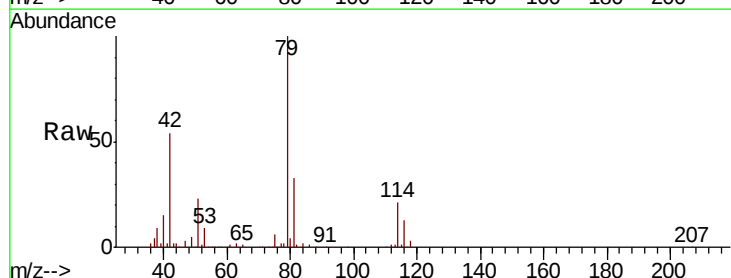
Instrument :
 MSVOA_W
 ClientSampled :
 BF2N2

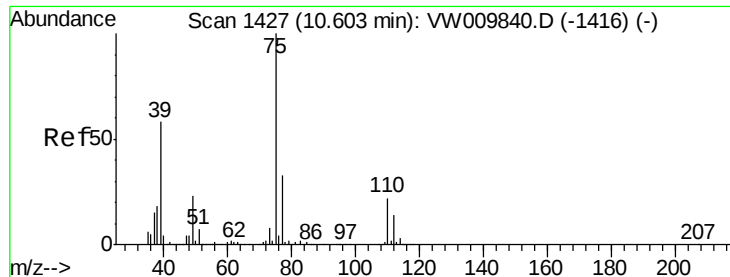
Tgt Ion: 96 Resp: 2529
 Ion Ratio Lower Upper
 96 100
 61 131.7 96.8 179.8
 98 43.6 43.5 80.9



#42
 cis-1,3-Dichloropropene
 Concen: 0.653 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW009851.D
 Acq: 09 Apr 2019 21:50

Tgt Ion: 75 Resp: 5895
 Ion Ratio Lower Upper
 75 100
 77 35.5 21.0 39.0





#45

trans-1,3-Dichloropropene

Concen: 0.556 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009851.D

Acq: 09 Apr 2019 21:50

Instrument :

MSVOA_W

ClientSampleId :

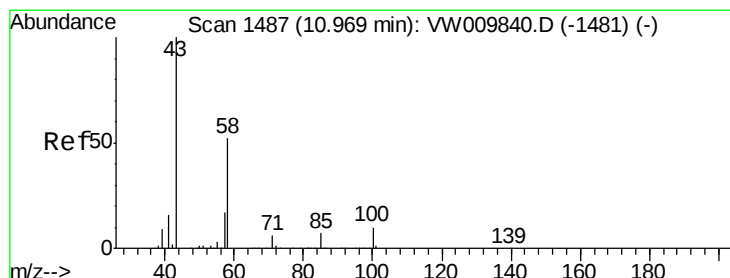
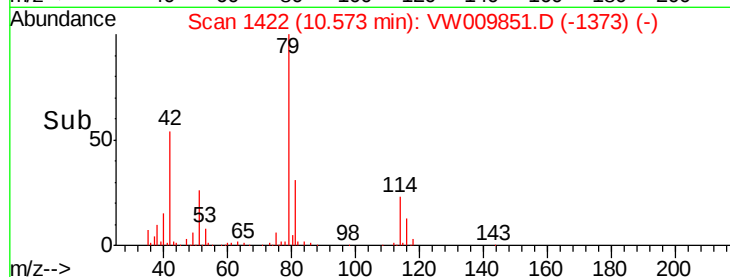
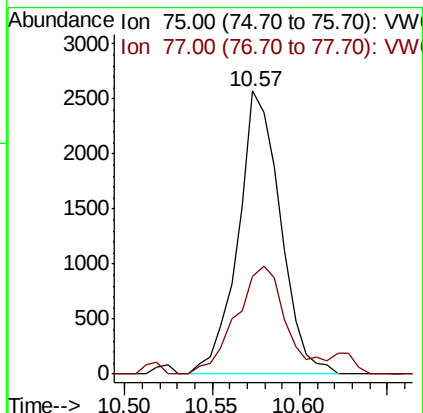
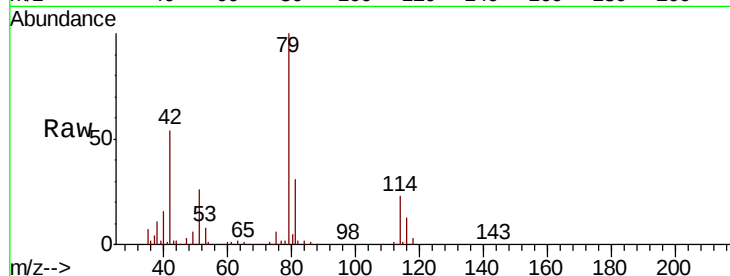
BF2N2

Tgt Ion: 75 Resp: 4330

Ion Ratio Lower Upper

75 100

77 34.4 21.1 39.3



#49

2-Hexanone

Concen: 4.582 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009851.D

Acq: 09 Apr 2019 21:50

Tgt Ion: 43 Resp: 15451

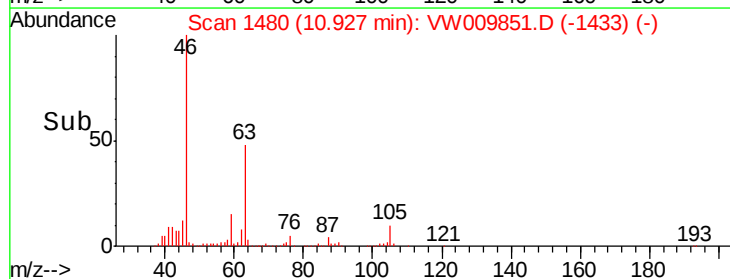
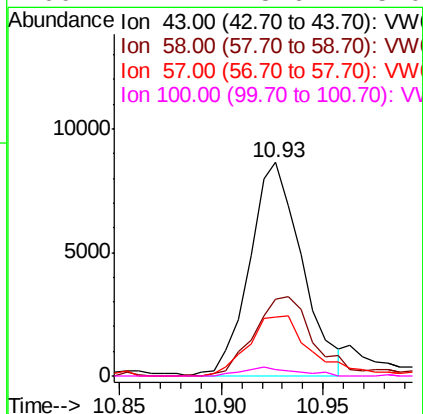
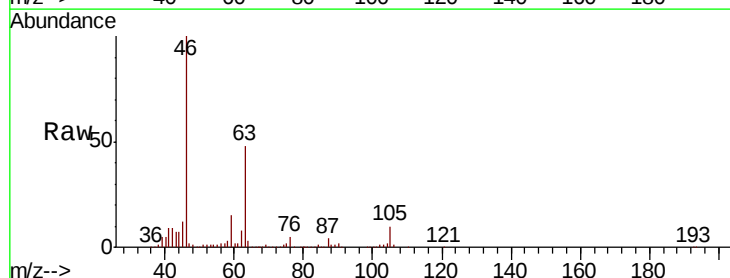
Ion Ratio Lower Upper

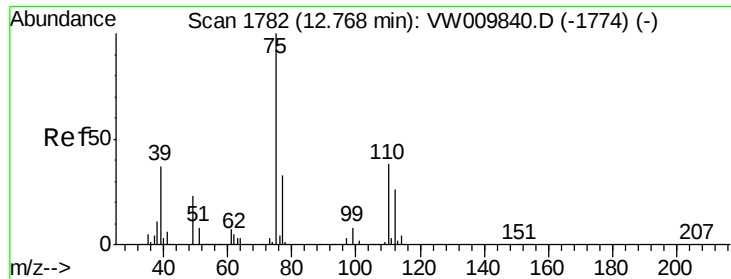
43 100

58 41.7 38.9 58.3

57 34.3 13.8 20.6#

100 4.2 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 4.361 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009851.D

Acq: 09 Apr 2019 21:50

Instrument :

MSVOA_W

ClientSampleId :

BF2N2

Tgt Ion: 75 Resp: 19103

Ion Ratio Lower Upper

75 100

77 37.4 26.2 39.2

