

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009852.D
 Acq On : 09 Apr 2019 22:17
 Operator : SY/VA
 Sample : K2327-19
 Misc : 6.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2N1

Quant Time: Apr 10 04:46:33 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	367299	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311636	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	92801	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	129889	27.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.08%
7) Chloroethane-d5	2.89	69	123298	28.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.00%
10) 1,1-Dichloroethene-d2	4.01	63	232635	22.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.04%
20) 2-Butanone-d5	7.08	46	100323	64.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.58%
24) Chloroform-d	7.65	84	324937	32.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	129.68%
26) 1,2-Dichloroethane-d4	8.30	65	212908	34.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	138.40%#
29) Benzene-d6	8.27	84	570962	34.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	139.60%#
33) 1,2-Dichloropropane-d6	9.27	67	187313	37.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	148.28%#
37) Toluene-d8	10.32	98	454869	30.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.28%
38) trans-1,3-Dichloropropene-	10.58	79	70816	29.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.56%
39) 2-Hexanone-d5	10.93	63	64158	67.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	164611	35.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.16%#
61) 1,2-Dichlorobenzene-d4	13.86	152	106341	32.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.64%#

Target Compounds

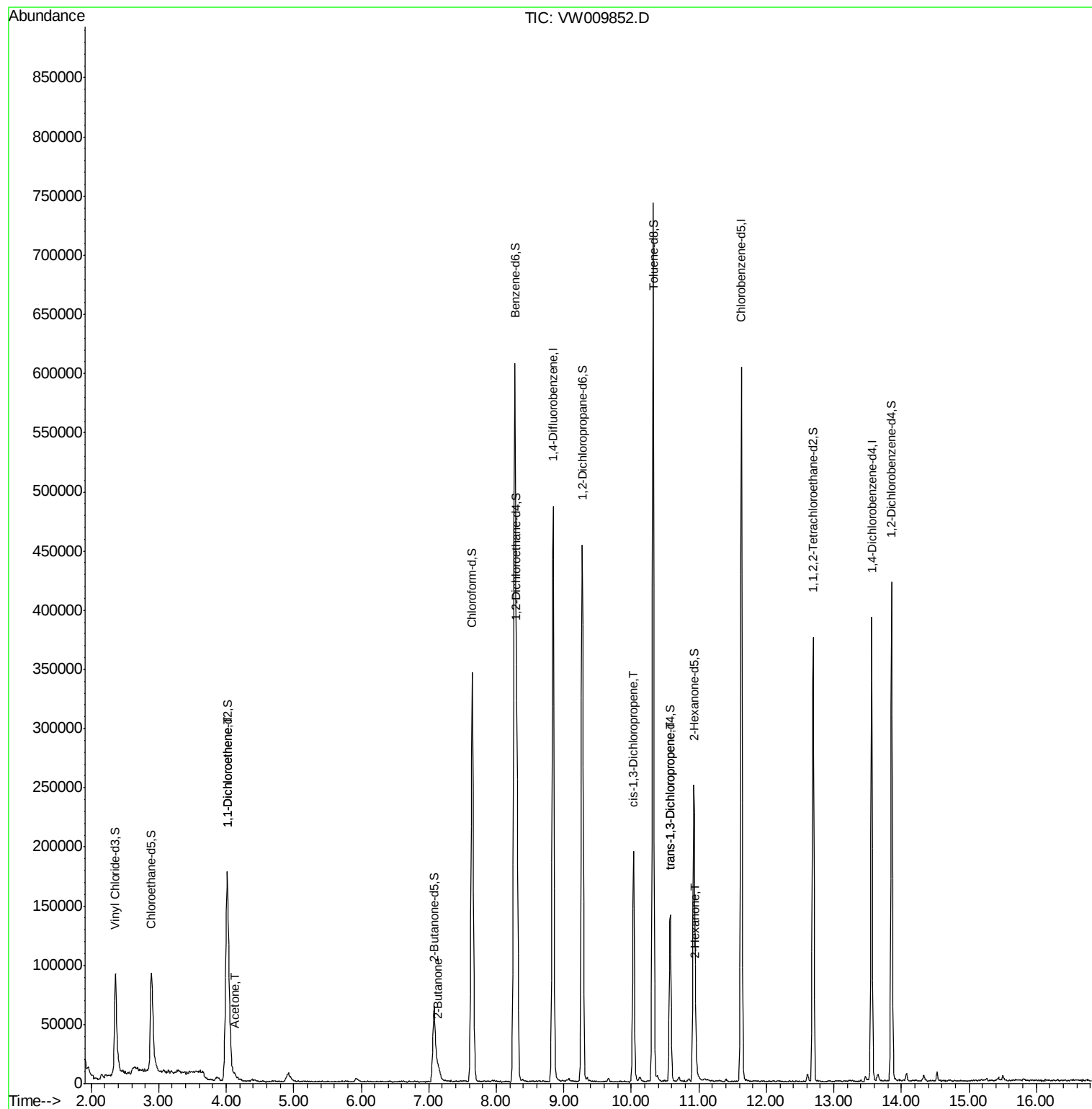
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.01	96	1771	0.363	ug/L #	1
13) Acetone	4.12	43	5073	3.034	ug/L	96
21) 2-Butanone	7.14	43	17509	8.234	ug/L #	52
42) cis-1,3-Dichloropropene	10.04	75	5344	0.719	ug/L #	54
45) trans-1,3-Dichloropropene	10.58	75	3736	0.583	ug/L #	82
49) 2-Hexanone	10.96	43	17768	6.401	ug/L #	43

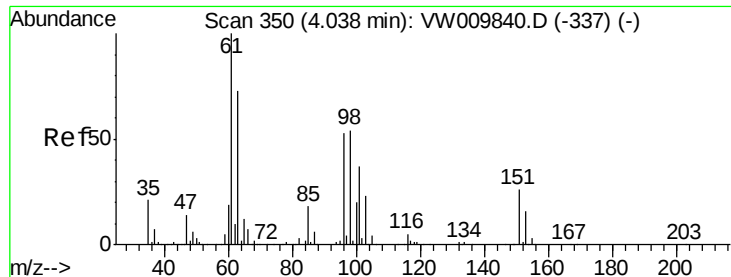
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 10 04:42:28 2019
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#12

1,1-Dichloroethene

Concen: 0.363 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

Lab File: VW009852.D

Acq: 09 Apr 2019 22:17

Instrument :

MSVOA_W

ClientSampled :

BF2N1

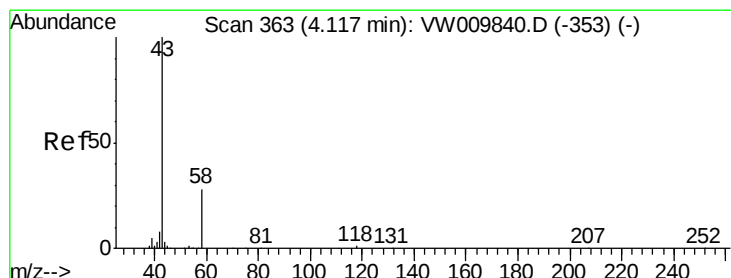
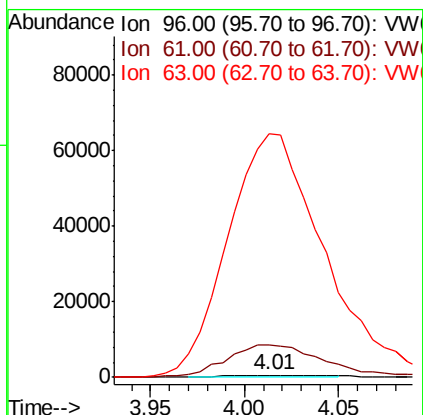
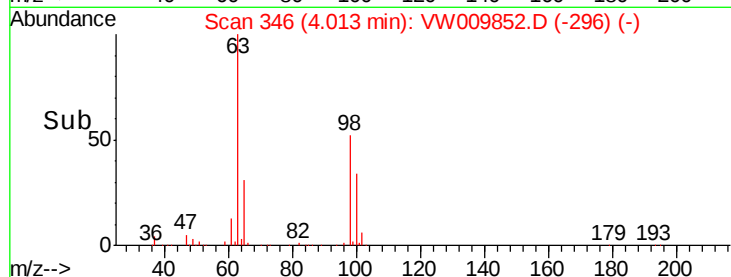
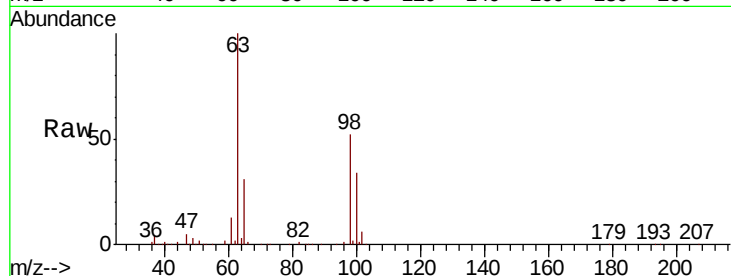
Tgt Ion: 96 Resp: 1771

Ion Ratio Lower Upper

96 100

61 1445.0 138.8 257.8#

63 10810.7 114.6 212.8#



#13

Acetone

Concen: 3.034 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009852.D

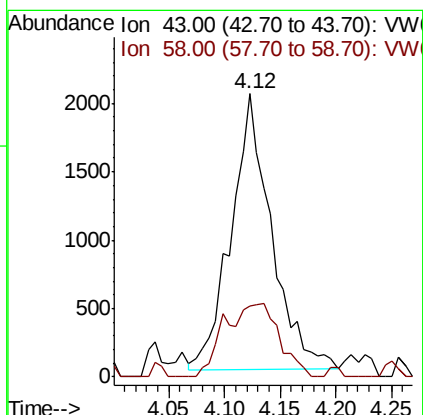
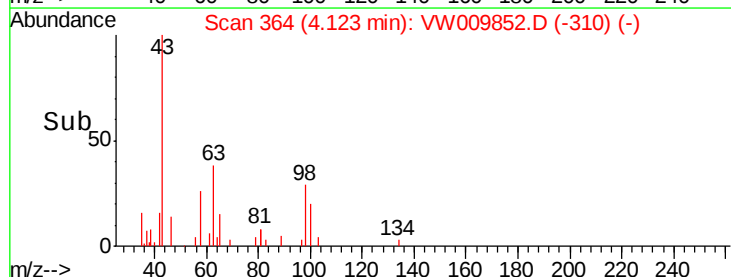
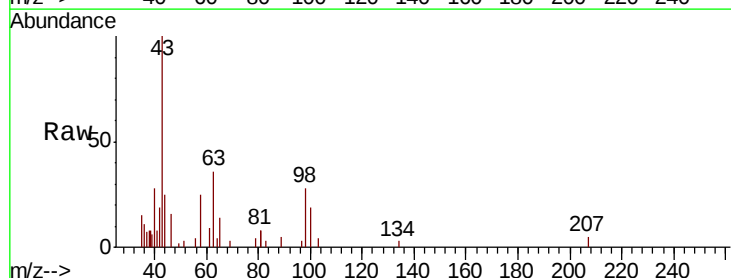
Acq: 09 Apr 2019 22:17

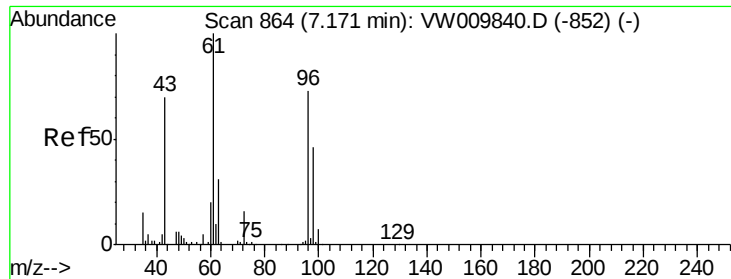
Tgt Ion: 43 Resp: 5073

Ion Ratio Lower Upper

43 100

58 24.5 0.0 53.0

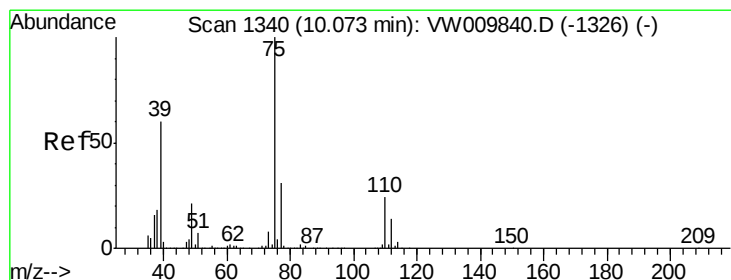
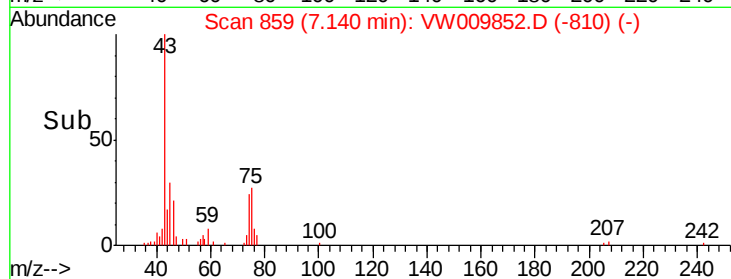
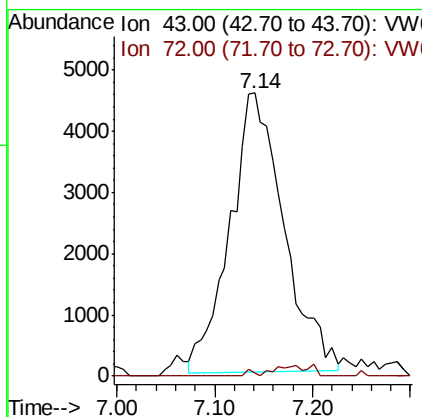
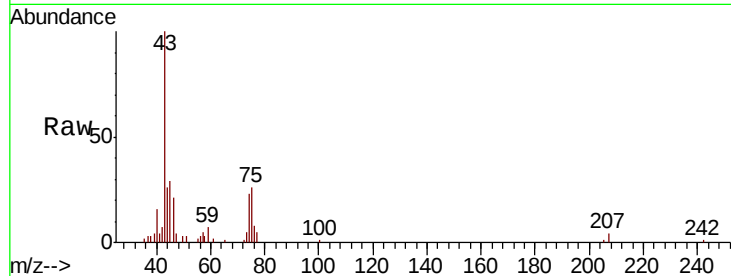




#21
 2-Butanone
 Concen: 8.234 ug/L
 RT: 7.14 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: VW009852.D
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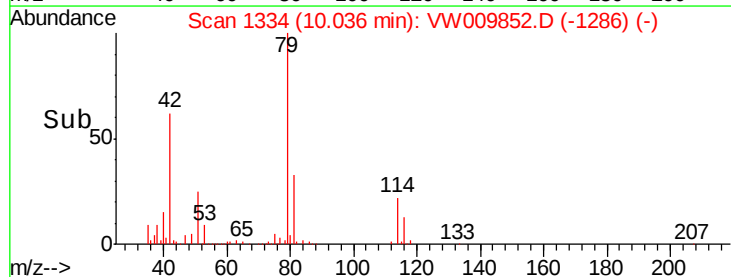
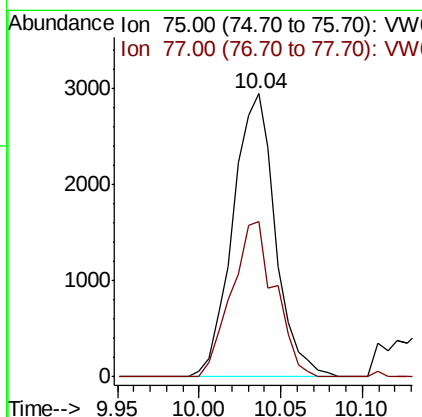
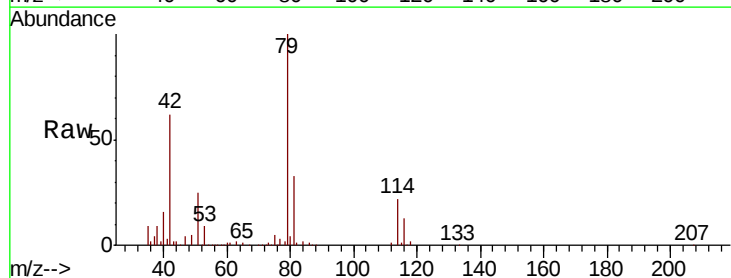
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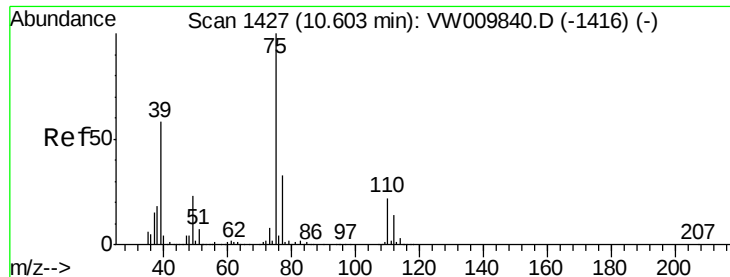
Tgt Ion: 43 Resp: 17509
 Ion Ratio Lower Upper
 43 100
 72 0.3 12.0 36.1#



#42
 cis-1,3-Dichloropropene
 Concen: 0.719 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW009852.D
 Acq: 09 Apr 2019 22:17

Tgt Ion: 75 Resp: 5344
 Ion Ratio Lower Upper
 75 100
 77 54.8 21.0 39.0#





#45

trans-1,3-Dichloropropene

Concen: 0.583 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009852.D

Acq: 09 Apr 2019 22:17

Instrument :

MSVOA_W

ClientSampled :

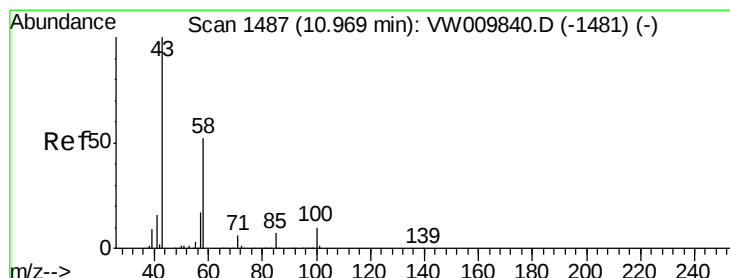
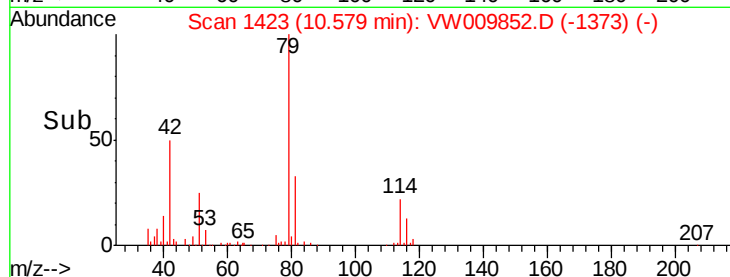
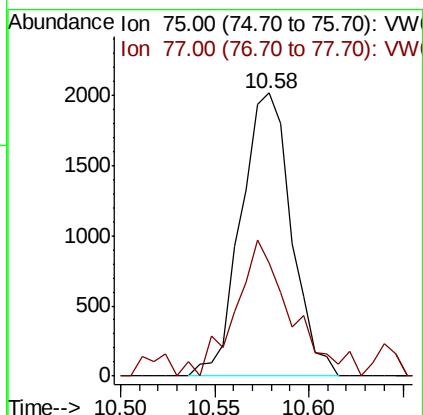
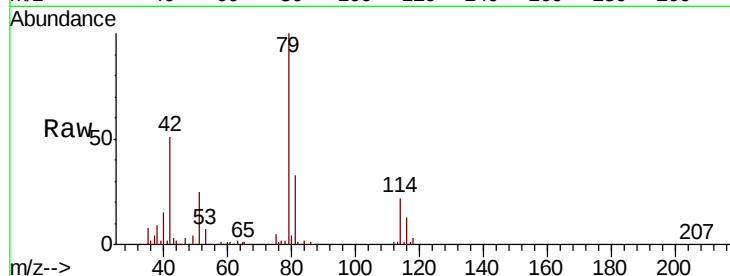
BF2N1

Tgt Ion: 75 Resp: 3736

Ion Ratio Lower Upper

75 100

77 40.0 21.1 39.3#



#49

2-Hexanone

Concen: 6.401 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009852.D

Acq: 09 Apr 2019 22:17

Tgt Ion: 43 Resp: 17768

Ion Ratio Lower Upper

43 100

58 0.0 38.9 58.3#

57 1.7 13.8 20.6#

100 0.1 8.6 13.0#

