

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009763.D
 Acq On : 06 Apr 2019 10:56
 Operator : SY/VA
 Sample : K2259-01
 Misc : 4.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETJ40

Quant Time: Apr 07 03:59:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	344651	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316705	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	119238	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	85801	19.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.08%
7) Chloroethane-d5	2.89	69	86802	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.04%
10) 1,1-Dichloroethene-d2	4.01	63	161550	16.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.64%
20) 2-Butanone-d5	7.07	46	78244	53.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.86%
24) Chloroform-d	7.64	84	230231	24.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.92%
26) 1,2-Dichloroethane-d4	8.30	65	153049	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.04%
29) Benzene-d6	8.27	84	410978	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.27	67	136439	26.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.28%
37) Toluene-d8	10.32	98	352147	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.64%
38) trans-1,3-Dichloropropene-	10.57	79	54697	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.32%
39) 2-Hexanone-d5	10.93	63	53117	54.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130679	27.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	111556	26.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.64%

Target Compounds

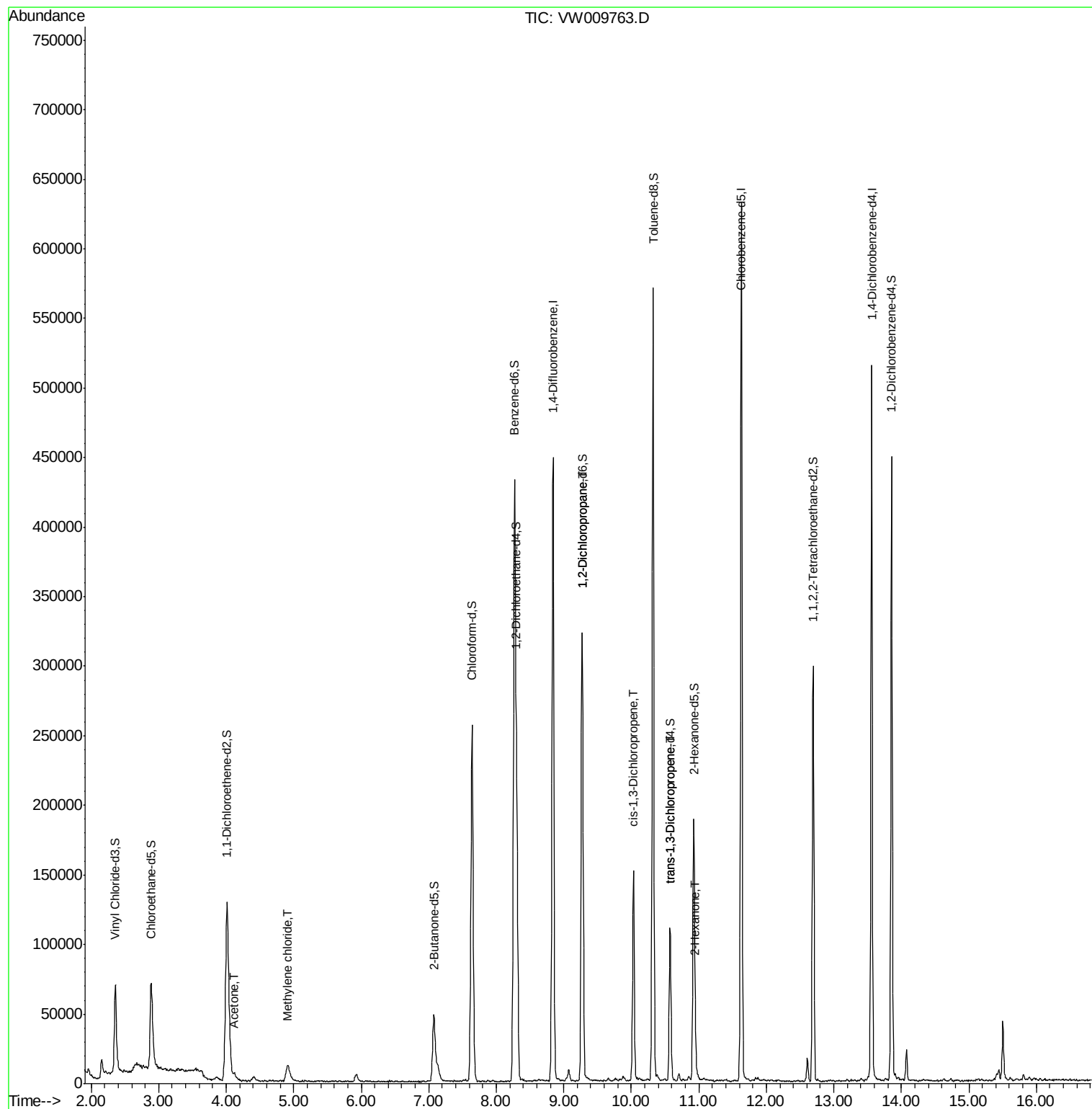
					Qvalue
13) Acetone	4.12	43	5085	3.241 ug/L	72
16) Methylene chloride	4.91	84	9312	1.532 ug/L	90
40) 1,2-Dichloropropane	9.27	63	17404	3.568 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	4276	0.566 ug/L #	54
45) trans-1,3-Dichloropropene	10.57	75	3234	0.496 ug/L #	81
49) 2-Hexanone	10.95	43	7691	2.726 ug/L #	44

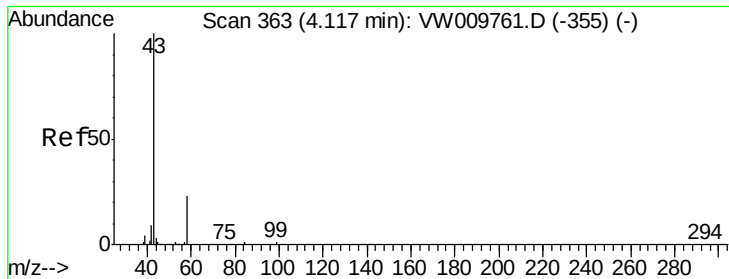
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.241 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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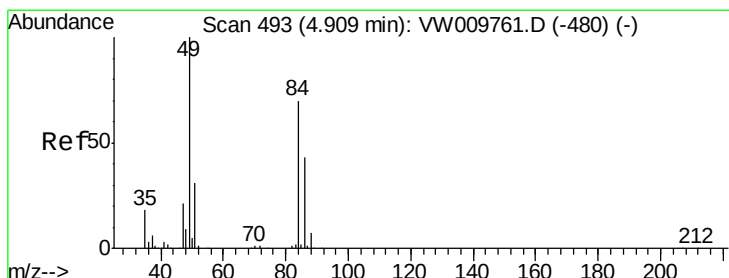
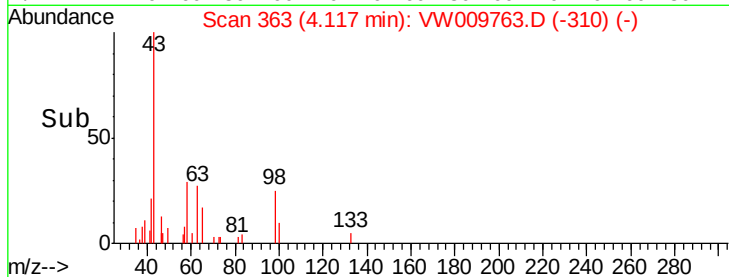
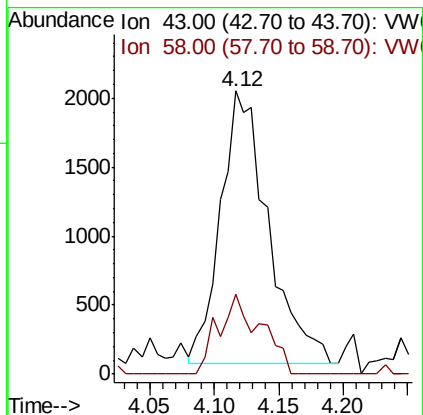
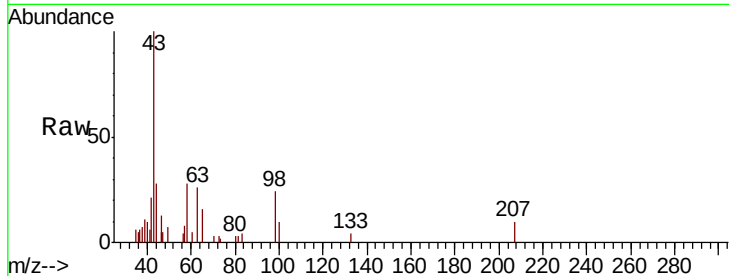
ETJ40

Tgt Ion: 43 Resp: 5085

Ion Ratio Lower Upper

43 100

58 12.3 0.0 53.0



#16

Methylene chloride

Concen: 1.532 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009763.D

Acq: 06 Apr 2019 10:56

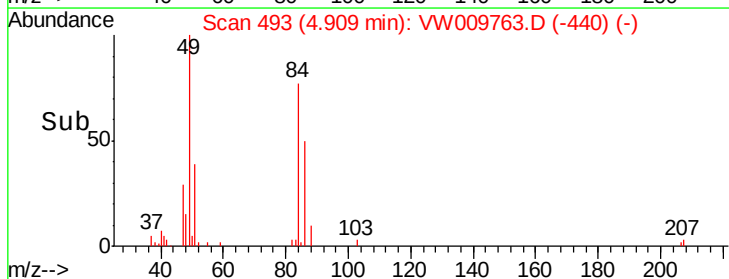
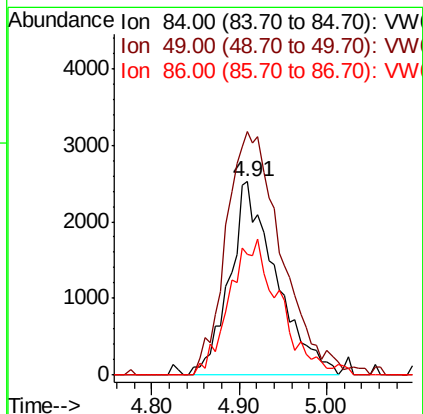
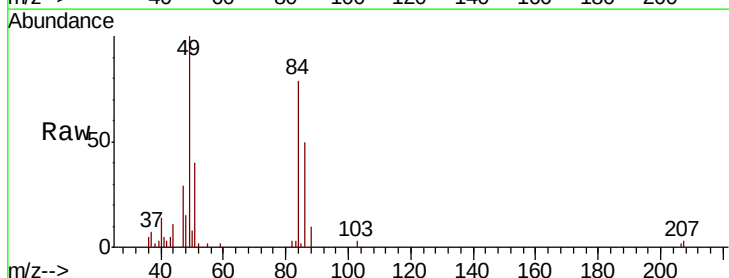
Tgt Ion: 84 Resp: 9312

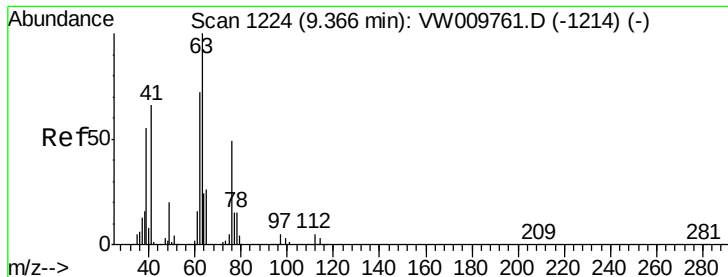
Ion Ratio Lower Upper

84 100

49 125.8 98.3 182.5

86 62.3 46.4 86.2

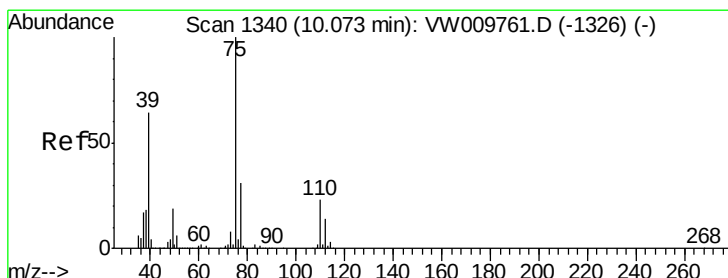
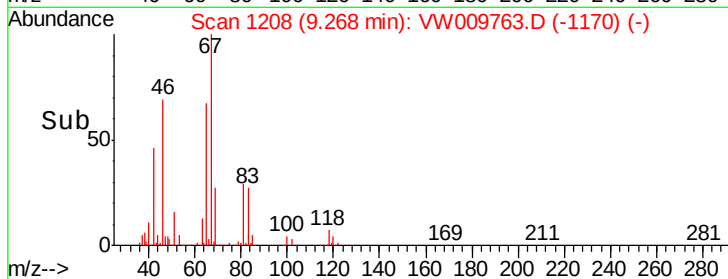
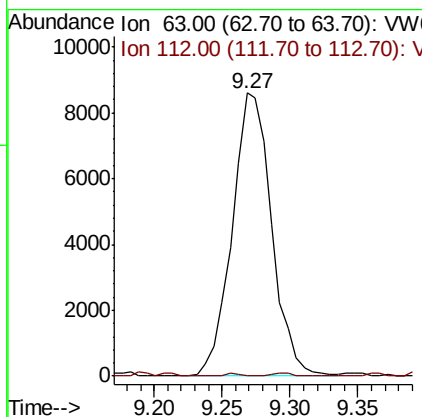
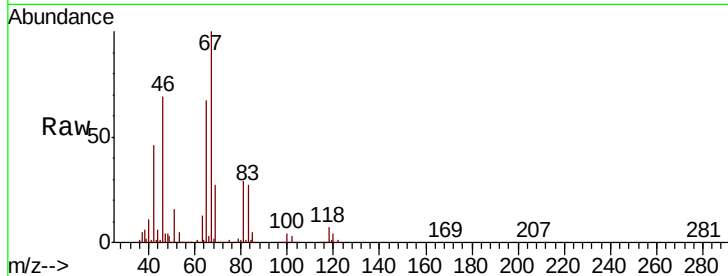




#40
 1,2-Dichloropropane
 Concen: 3.568 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
 Lab File: VW009763.D
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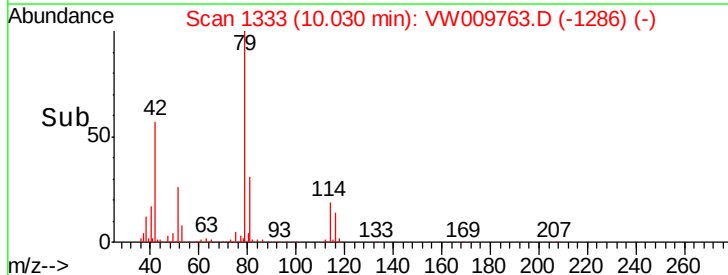
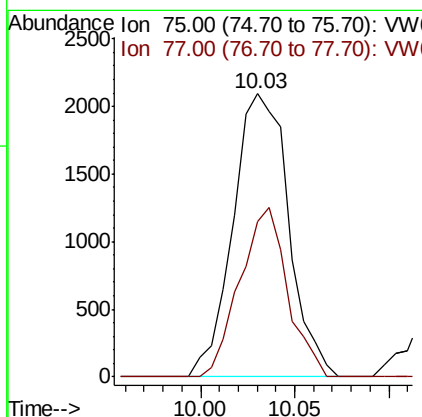
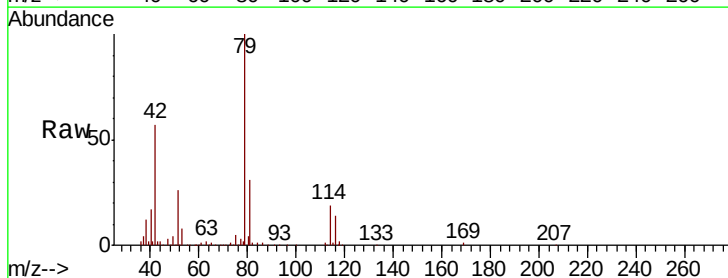
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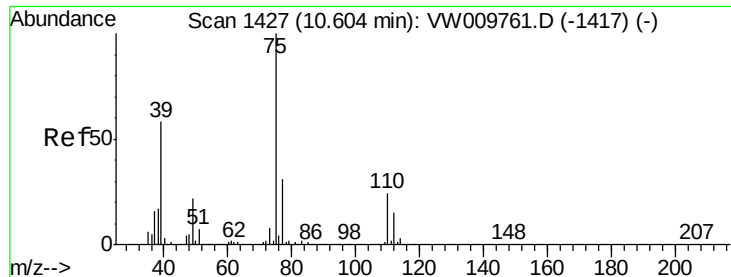
Tgt Ion: 63 Resp: 17404
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.566 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW009763.D
 Acq: 06 Apr 2019 10:56

Tgt Ion: 75 Resp: 4276
 Ion Ratio Lower Upper
 75 100
 77 54.7 21.0 39.0#





#45

trans-1,3-Dichloropropene

Concen: 0.496 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009763.D

Acq: 06 Apr 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

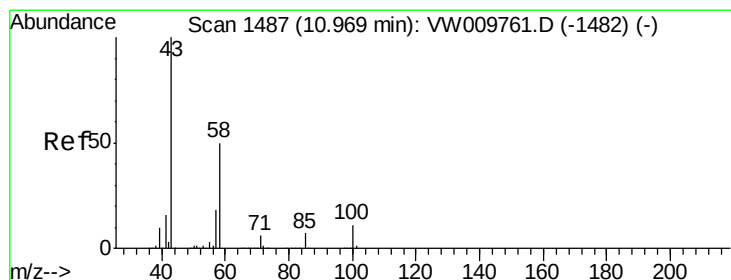
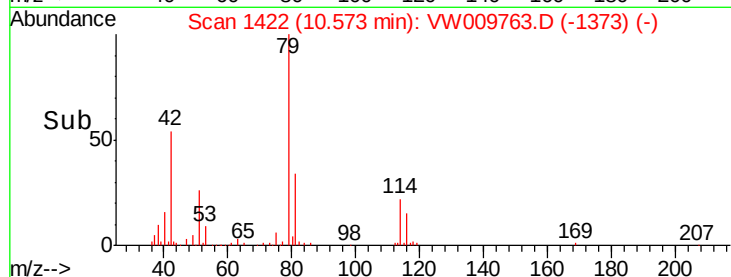
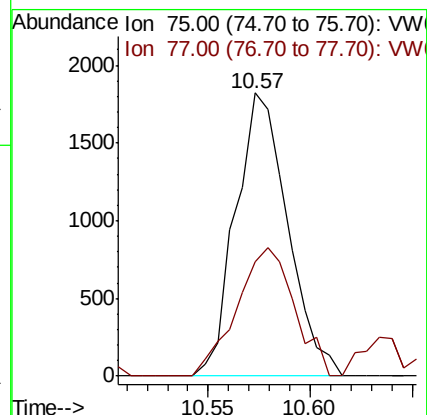
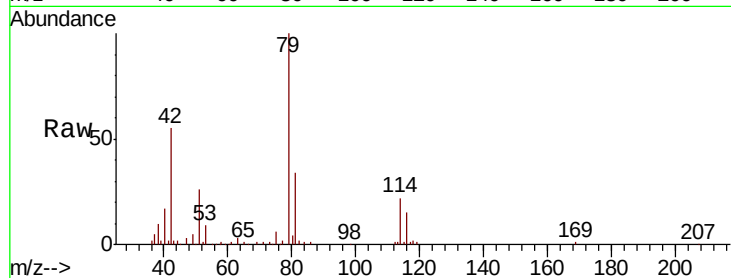
ETJ40

Tgt Ion: 75 Resp: 3234

Ion Ratio Lower Upper

75 100

77 40.6 21.1 39.3#



#49

2-Hexanone

Concen: 2.726 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009763.D

Acq: 06 Apr 2019 10:56

Tgt Ion: 43 Resp: 7691

Ion Ratio Lower Upper

43 100

58 1.6 38.9 58.3#

57 0.0 13.8 20.6#

100 1.7 8.6 13.0#

