

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009425.D
 Acq On : 25 Mar 2019 13:52
 Operator : SY/VA
 Sample : K2031-17
 Misc : 5.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 07:51:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:46:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	440569	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401622	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169821	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110432	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
7) Chloroethane-d5	2.89	69	118137	19.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.72%
10) 1,1-Dichloroethene-d2	4.16	63	381	0.03	ug/L	0.14
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.12%#
20) 2-Butanone-d5	7.08	46	74458	34.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.40%
24) Chloroform-d	7.64	84	268074	22.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	8.31	65	151110	20.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.44%
29) Benzene-d6	8.27	84	484110	21.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.44%
33) 1,2-Dichloropropane-d6	9.27	67	153059	23.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.04%
37) Toluene-d8	10.32	98	422399	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.52%
38) trans-1,3-Dichloropropene-	10.58	79	61887	18.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.08%
39) 2-Hexanone-d5	10.93	63	52144	32.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122458	18.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	143019	21.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.84%

Target Compounds

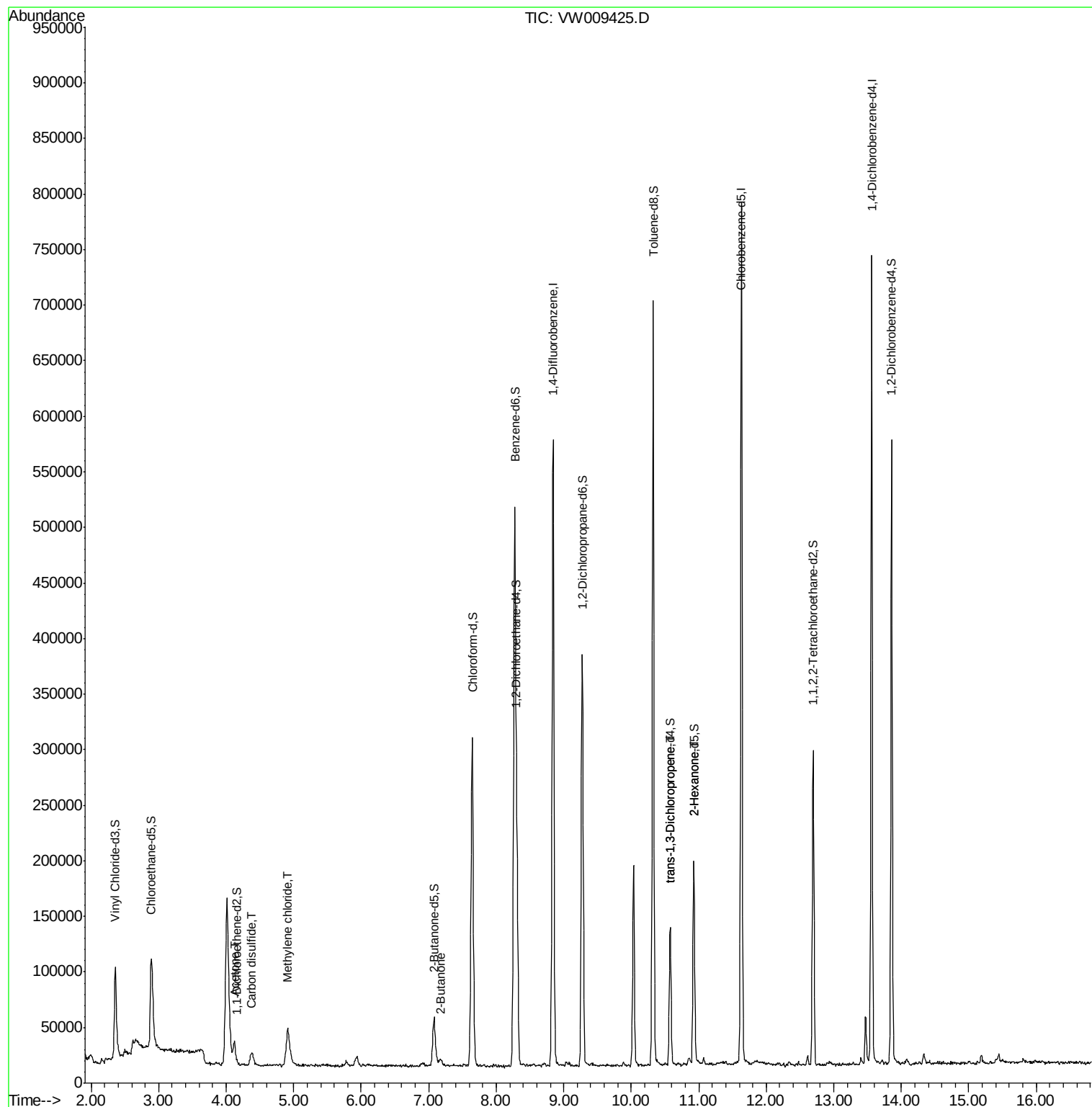
					Ovalue
13) Acetone	4.12	43	30346	16.996	ug/L 98
14) Carbon disulfide	4.38	76	22584	1.547	ug/L 97
16) Methylene chloride	4.92	84	28312	4.407	ug/L 87
21) 2-Butanone	7.17	43	6944	2.817	ug/L 84
45) trans-1,3-Dichloropropene	10.58	75	3631	0.454	ug/L 92
49) 2-Hexanone	10.93	43	9040	2.511	ug/L # 72

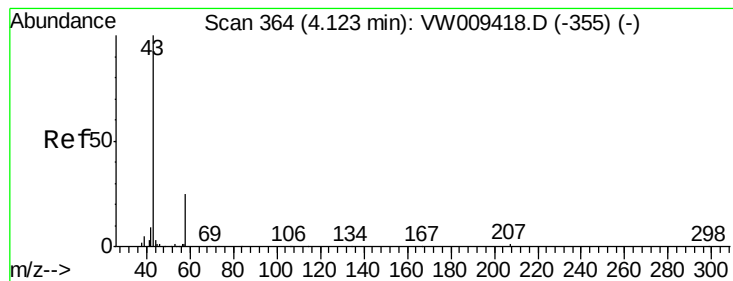
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:46:05 2019
Response via : Initial Calibration





#13

Acetone

Concen: 16.996 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

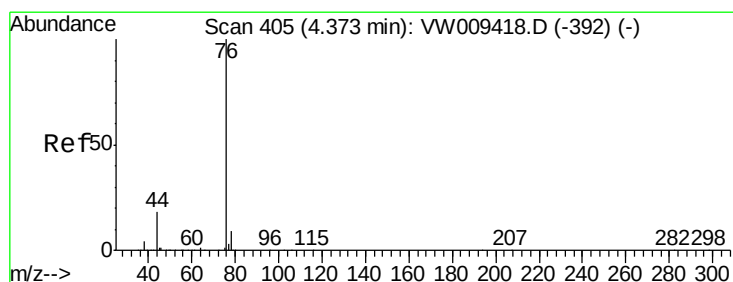
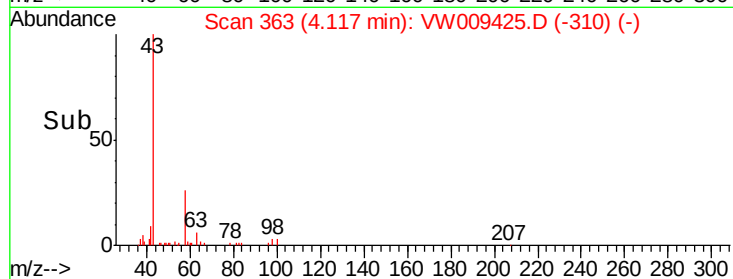
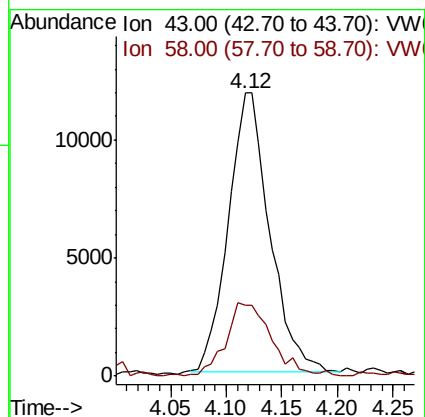
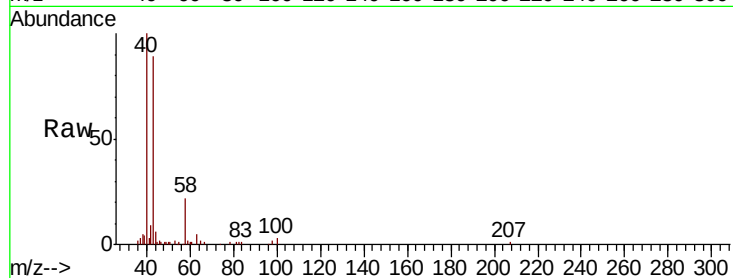
ClientSampleId :

Tot Ion: 43 Resp: 30346

Ion Ratio Lower Upper

43 100

58 29.0 0.0 56.2



#14

Carbon disulfide

Concen: 1.547 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW009425.D

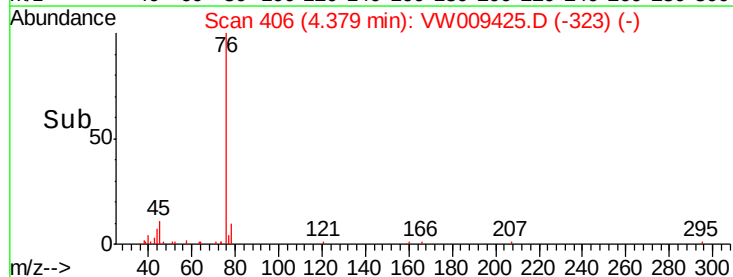
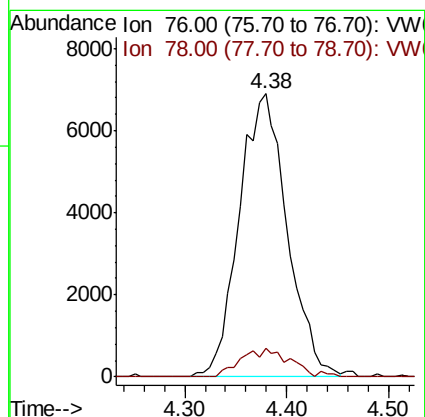
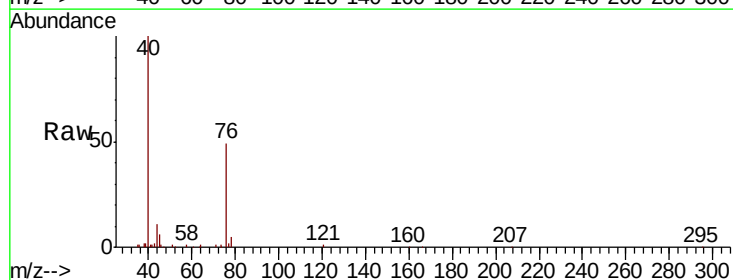
Acq: 25 Mar 2019 13:52

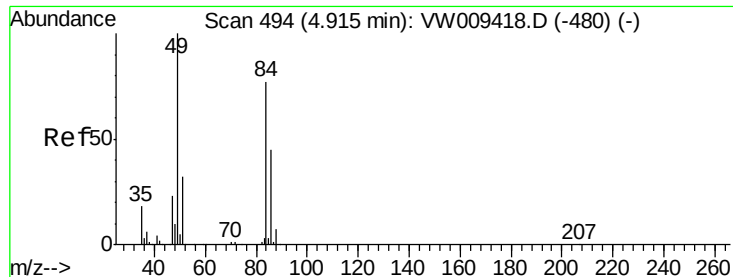
Tgt Ion: 76 Resp: 22584

Ion Ratio Lower Upper

76 100

78 10.3 7.3 10.9

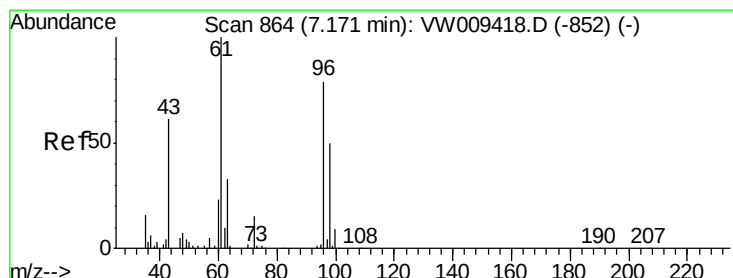
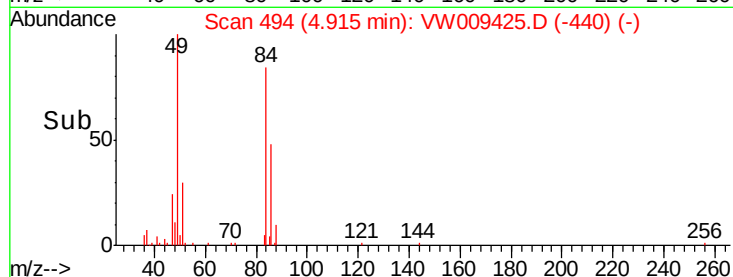
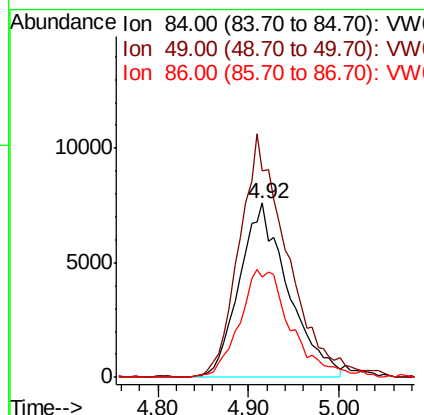
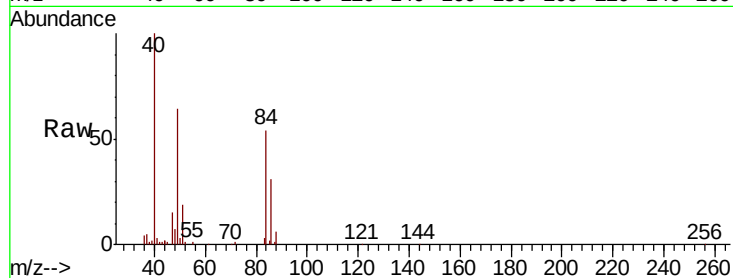




#16
Methylene chloride
Concen: 4.407 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009425.D
Acq: 25 Mar 2019 13:52

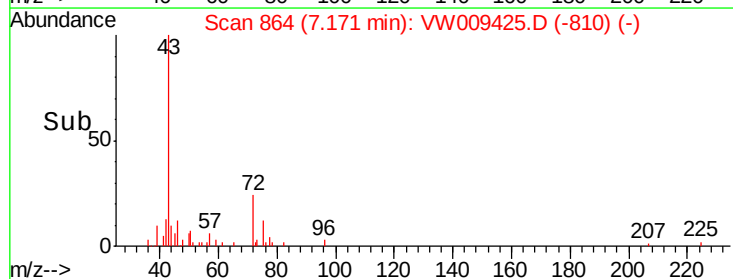
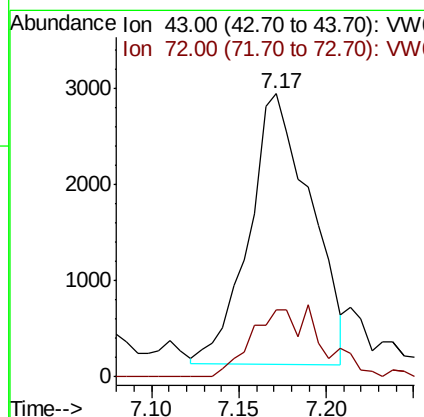
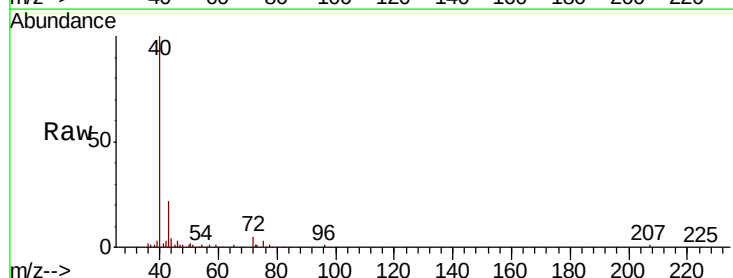
Instrument :
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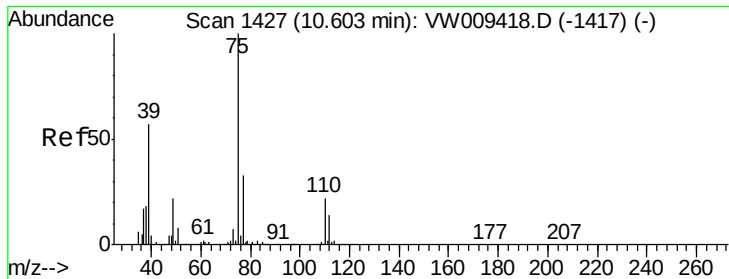
Tot Ion: 84 Resp: 28312
Ion Ratio Lower Upper
84 100
49 118.7 96.0 178.2
86 57.4 44.4 82.5



#21
2-Butanone
Concen: 2.817 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009425.D
Acq: 25 Mar 2019 13:52

Tgt Ion: 43 Resp: 6944
Ion Ratio Lower Upper
43 100
72 18.0 13.1 39.1





#45

trans-1,3-Dichloropropene

Concen: 0.454 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009425.D

Acq: 25 Mar 2019 13:52

Instrument :

MSVOA_W

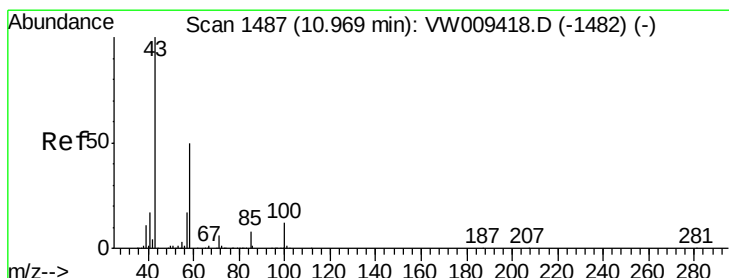
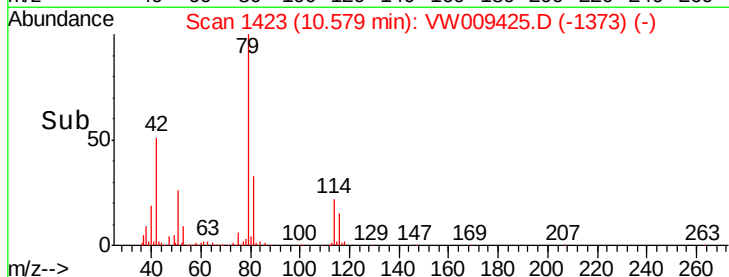
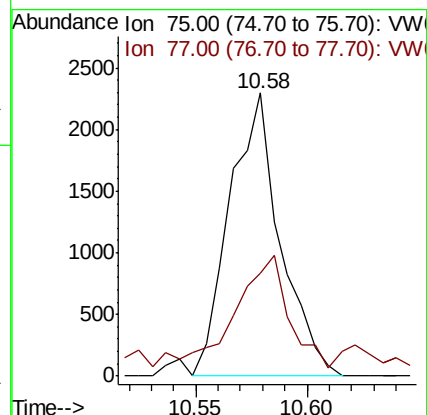
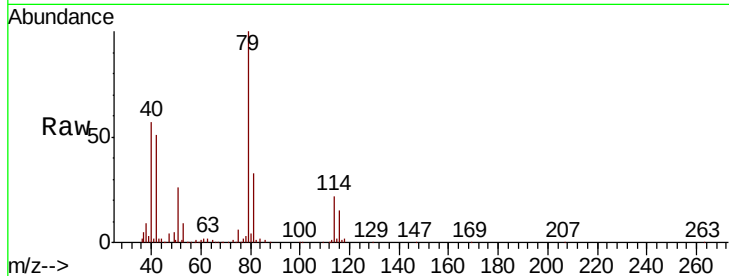
ClientSampled :

Tot Ion: 75 Resp: 3631

Ion Ratio Lower Upper

75 100

77 36.5 22.5 41.7



#49

2-Hexanone

Concen: 2.511 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009425.D

Acq: 25 Mar 2019 13:52

Tgt Ion: 43 Resp: 9040

Ion Ratio Lower Upper

43 100

58 28.1 39.2 58.8#

57 28.8 14.2 21.2#

100 3.0 8.9 13.3#

