

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009486.D
 Acq On : 27 Mar 2019 01:54
 Operator : SY/VA
 Sample : K2068-06
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 08:08:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 08:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	225657	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	189696	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	63062	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	61457	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.16%
7) Chloroethane-d5	2.90	69	64083	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.24%
10) 1,1-Dichloroethene-d2	4.01	63	94745	16.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.04%
20) 2-Butanone-d5	7.07	46	32786	29.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.80%
24) Chloroform-d	7.65	84	161190	26.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.68%
26) 1,2-Dichloroethane-d4	8.31	65	104283	28.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.44%
29) Benzene-d6	8.27	84	265387	25.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.48%
33) 1,2-Dichloropropane-d6	9.27	67	93512	29.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.04%
37) Toluene-d8	10.32	98	200767	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.04%
38) trans-1,3-Dichloropropene-	10.58	79	22035	13.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.84%
39) 2-Hexanone-d5	10.93	63	19518	25.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84092	27.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	60305	24.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.76%

Target Compounds

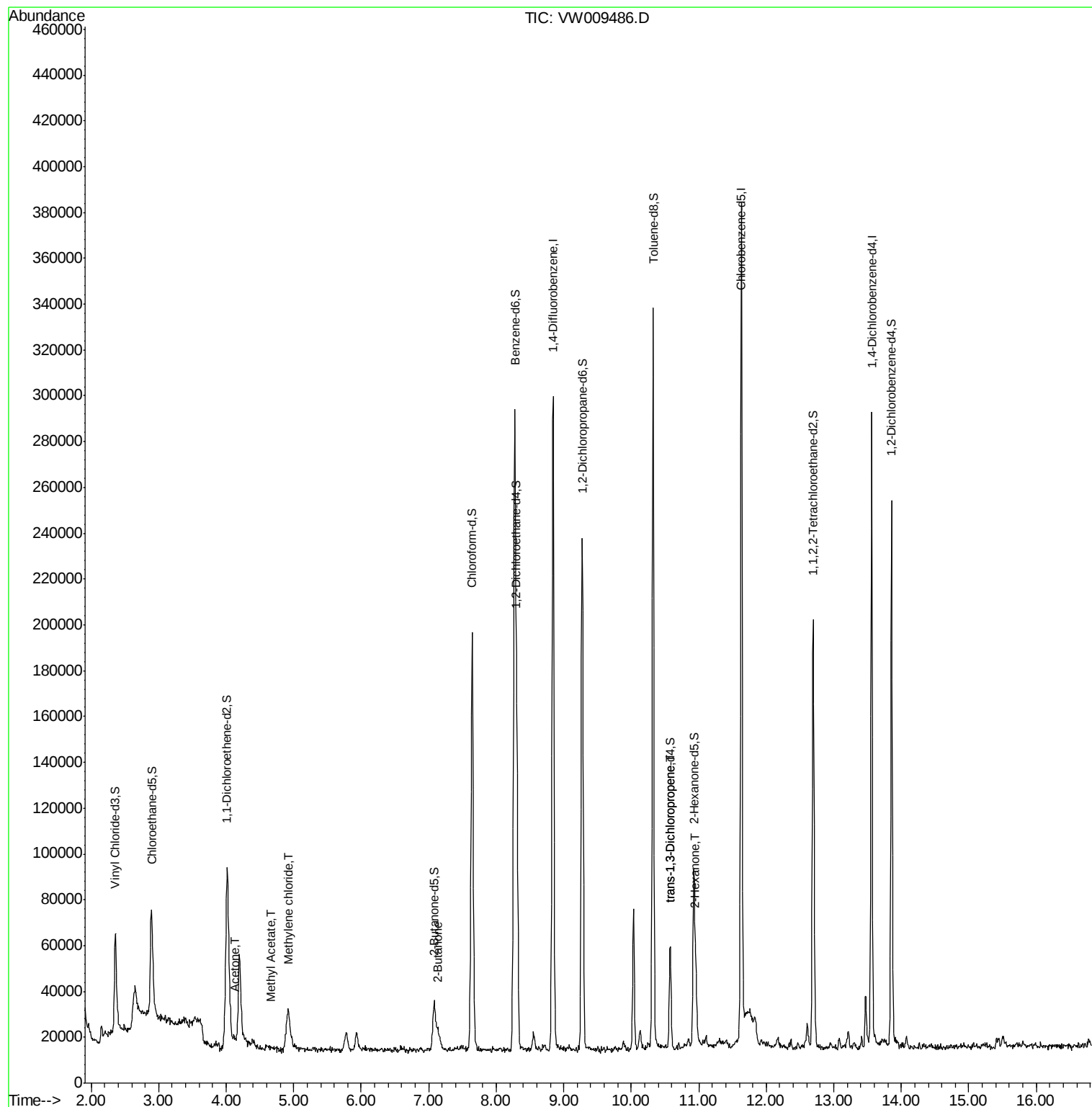
					Ovalue
13) Acetone	4.12	43	6094	6.664 ug/L	55
15) Methyl Acetate	4.67	43	1160	0.646 ug/L #	88
16) Methylene chloride	4.91	84	14706	4.469 ug/L	97
21) 2-Butanone	7.14	43	13188	10.444 ug/L #	51
45) trans-1,3-Dichloropropene	10.58	75	1447	0.383 ug/L #	70
49) 2-Hexanone	10.96	43	26960	15.855 ug/L #	44

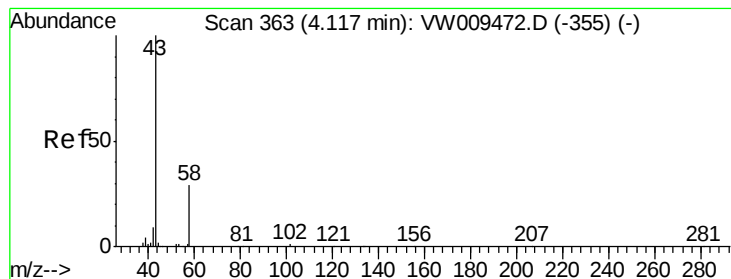
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 08:01:36 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.664 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009486.D

Acq: 27 Mar 2019 01:54

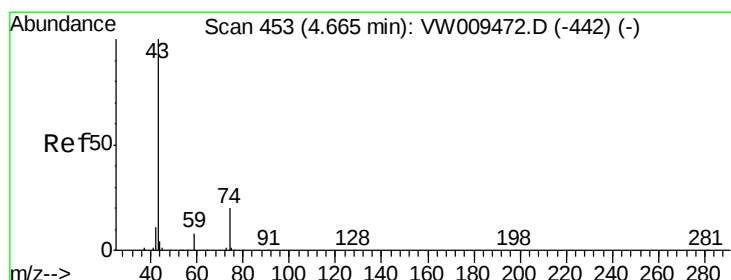
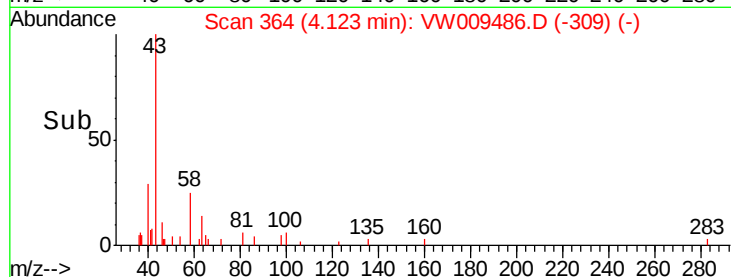
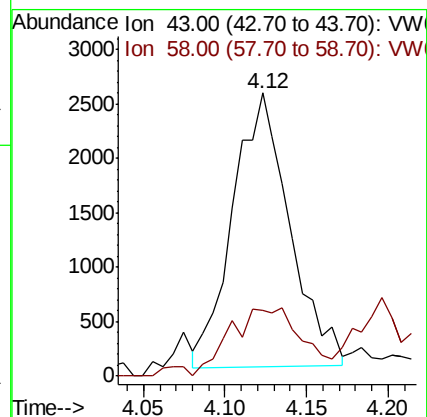
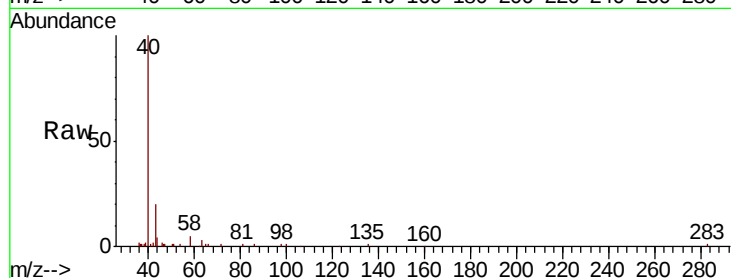
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 6094

Ion Ratio Lower Upper

43 100

58 4.4 0.0 56.2



#15

Methyl Acetate

Concen: 0.646 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW009486.D

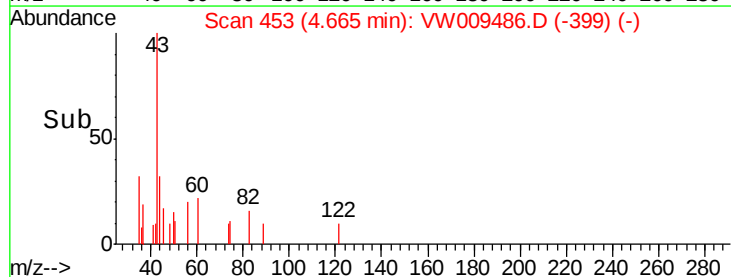
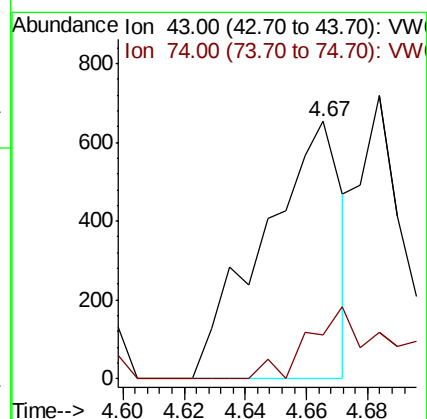
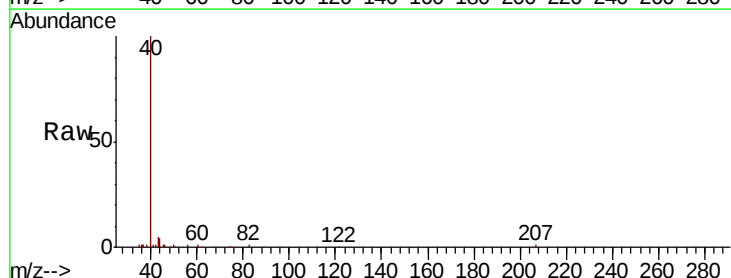
Acq: 27 Mar 2019 01:54

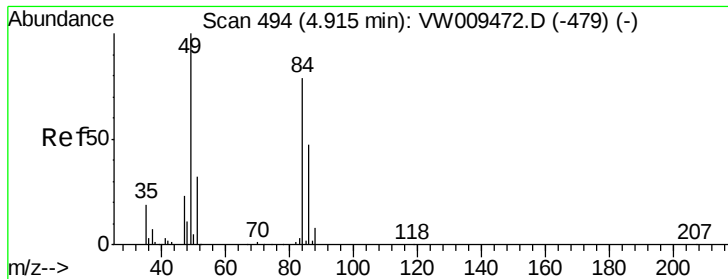
Tgt Ion: 43 Resp: 1160

Ion Ratio Lower Upper

43 100

74 15.5 16.7 25.1#

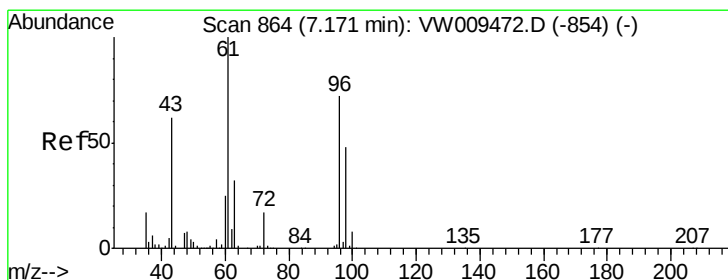
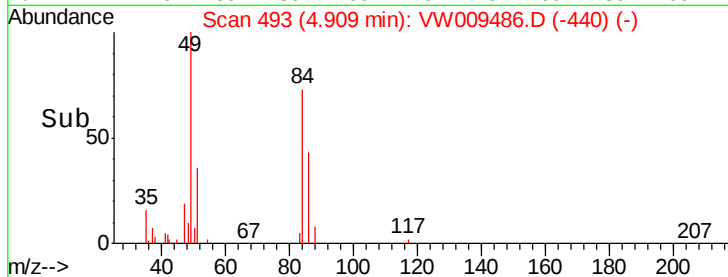
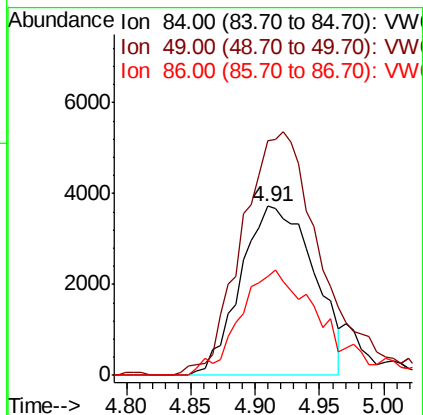
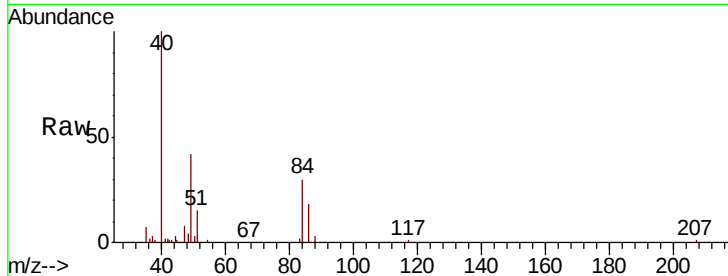




#16
Methvlene chloride
Concen: 4.469 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009486.D
Acq: 27 Mar 2019 01:54

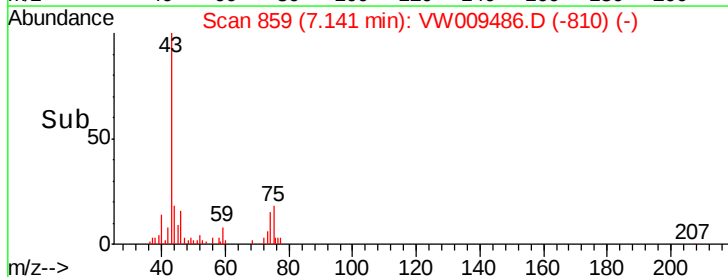
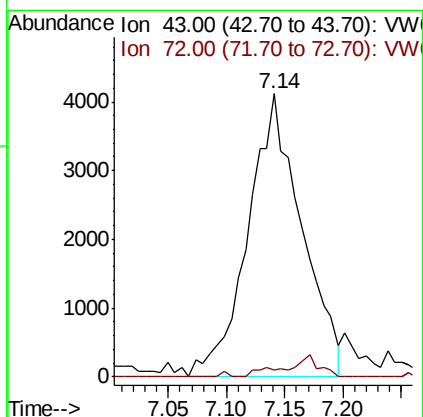
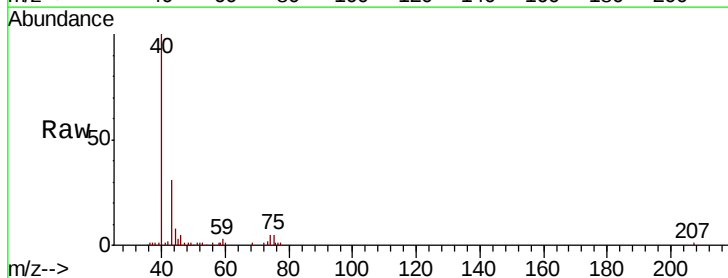
Instrument :
MSVOA_W
ClientSampled :

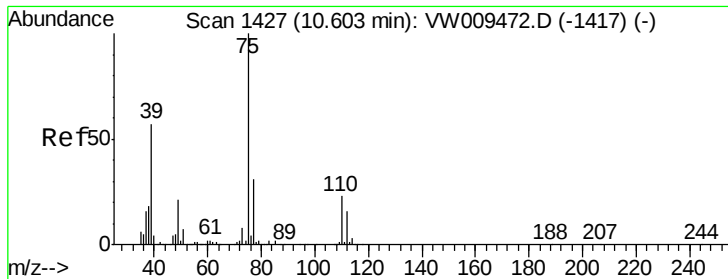
Tot Ion: 84 Resp: 14706
Ion Ratio Lower Upper
84 100
49 139.0 96.0 178.2
86 58.6 44.4 82.5



#21
2-Butanone
Concen: 10.444 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW009486.D
Acq: 27 Mar 2019 01:54

Tgt Ion: 43 Resp: 13188
Ion Ratio Lower Upper
43 100
72 1.3 13.1 39.1#





#45

trans-1,3-Dichloropropene

Concen: 0.383 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009486.D

Acq: 27 Mar 2019 01:54

Instrument :

MSVOA_W

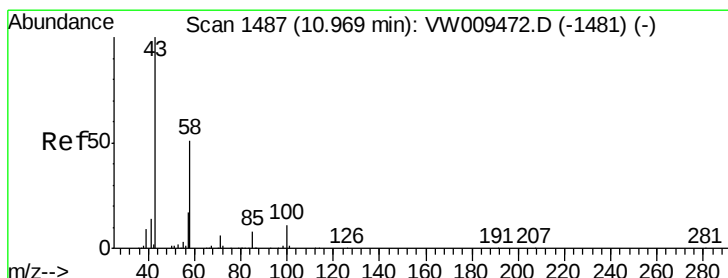
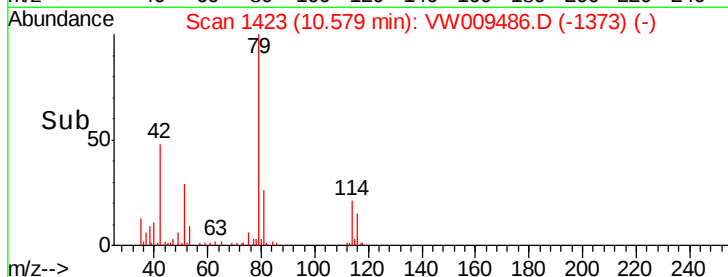
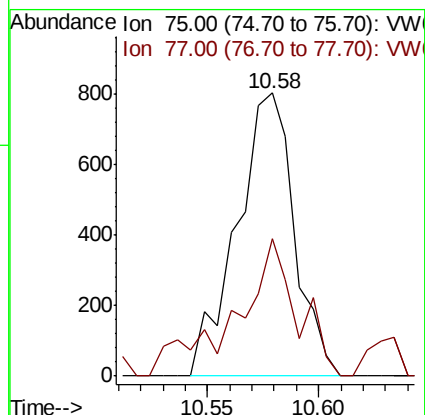
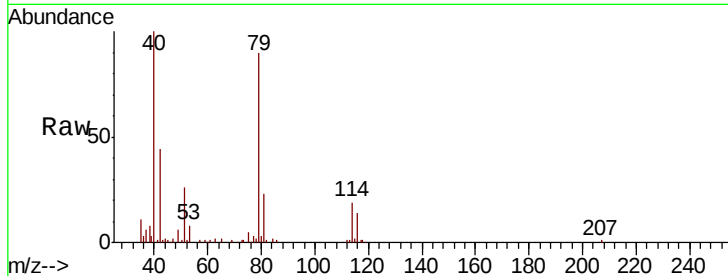
ClientSampleId :

Tot Ion: 75 Resp: 1447

Ion Ratio Lower Upper

75 100

77 48.8 22.5 41.7#



#49

2-Hexanone

Concen: 15.855 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009486.D

Acq: 27 Mar 2019 01:54

Tgt Ion: 43 Resp: 26960

Ion Ratio Lower Upper

43 100

58 0.0 39.2 58.8#

57 3.8 14.2 21.2#

100 1.3 8.9 13.3#

