

Data File : VW009636.D
Acq On : 01 Apr 2019 21:05
Operator : SY/VA
Sample : K2119-07
Misc : 4.49G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5C2

Quant Time: Apr 02 01:38:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 01:34:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	188863	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	133066	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	30281	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72801	32.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.04%
7) Chloroethane-d5	2.89	69	68383	25.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.56%
10) 1,1-Dichloroethene-d2	4.01	63	99730	20.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.80%
20) 2-Butanone-d5	7.20	46	207	0.22	ug/L	0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.44%#
24) Chloroform-d	7.65	84	148367	28.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.16%
26) 1,2-Dichloroethane-d4	8.30	65	102741	33.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	132.36%#
29) Benzene-d6	8.27	84	240526	32.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	131.12%
33) 1,2-Dichloropropane-d6	9.27	67	83865	38.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	152.20%#
37) Toluene-d8	10.32	98	160086	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.36%
38) trans-1,3-Dichloropropene-	10.58	79	27398	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.00%
39) 2-Hexanone-d5	10.93	63	21813	40.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60255	27.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	27075	23.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.28%

Target Compounds

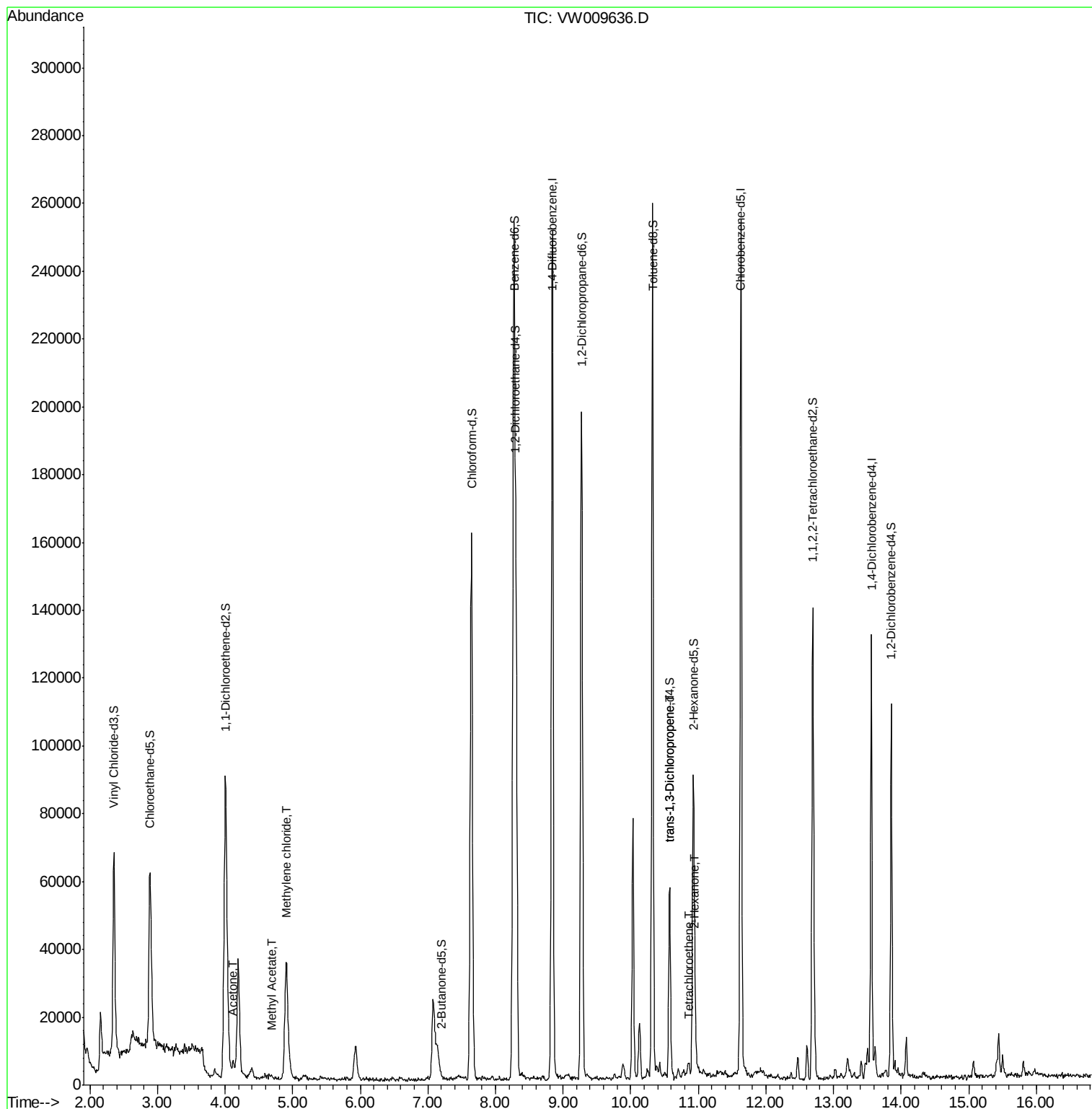
					Qvalue
13) Acetone	4.12	43	6566	8.578 ug/L	89
15) Methyl Acetate	4.68	43	1798	1.196 ug/L	93
16) Methylene chloride	4.90	84	25551	9.277 ug/L	94
45) trans-1,3-Dichloropropene	10.58	75	1716	0.648 ug/L	95
47) Tetrachloroethene	10.87	164	580	0.354 ug/L #	70
49) 2-Hexanone	10.96	43	9339	7.830 ug/L #	45

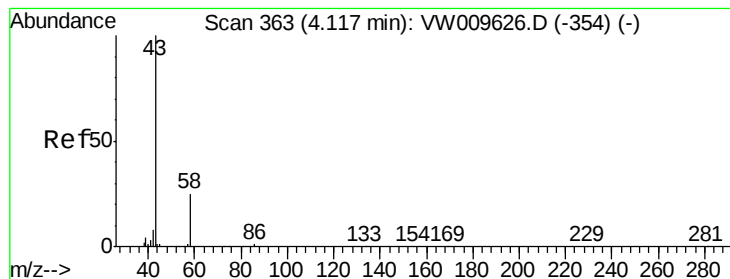
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.578 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

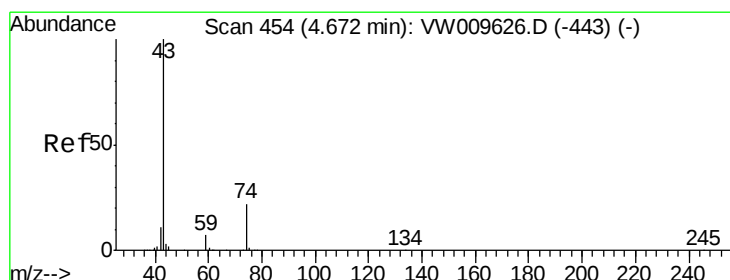
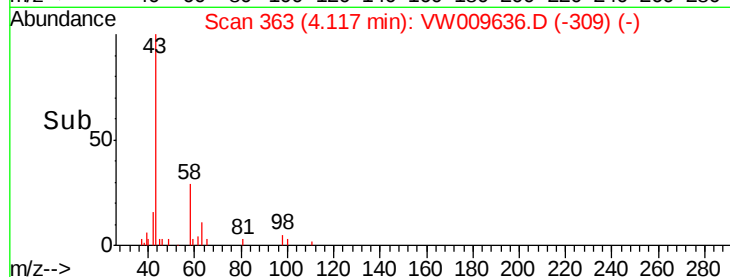
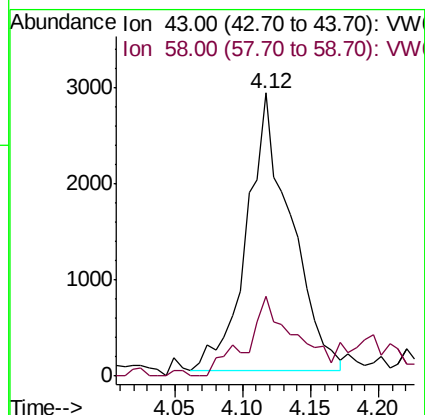
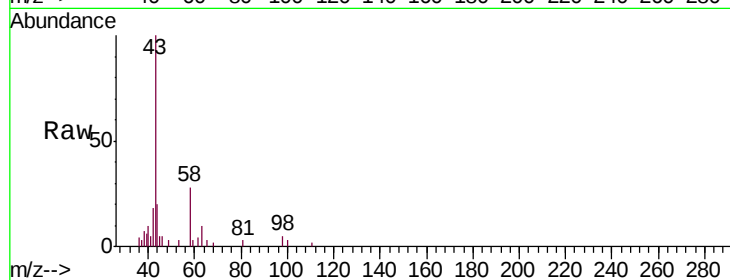
BF5C2

Tgt Ion: 43 Resp: 6566

Ion Ratio Lower Upper

43 100

58 22.2 0.0 56.2



#15

Methyl Acetate

Concen: 1.196 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

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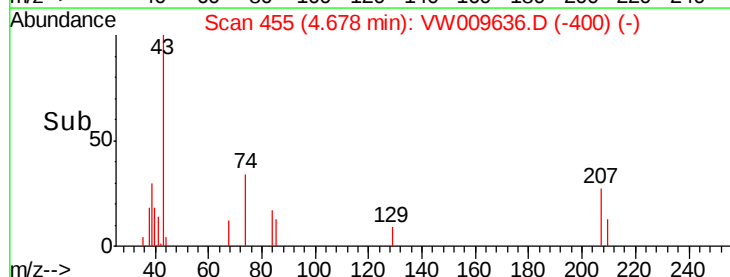
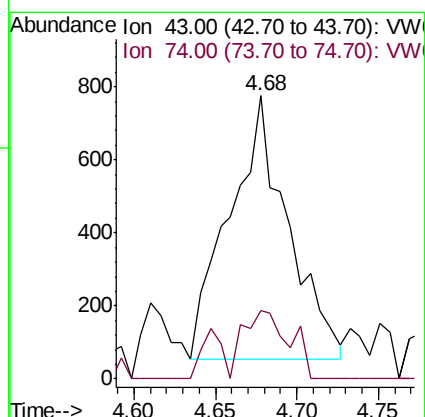
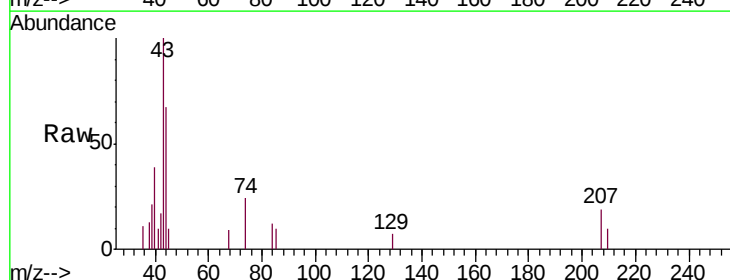
Acq: 01 Apr 2019 21:05

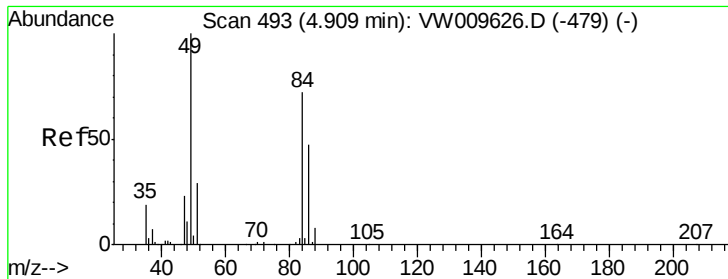
Tgt Ion: 43 Resp: 1798

Ion Ratio Lower Upper

43 100

74 17.5 16.7 25.1

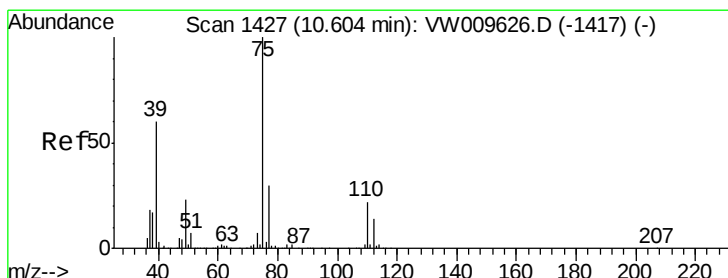
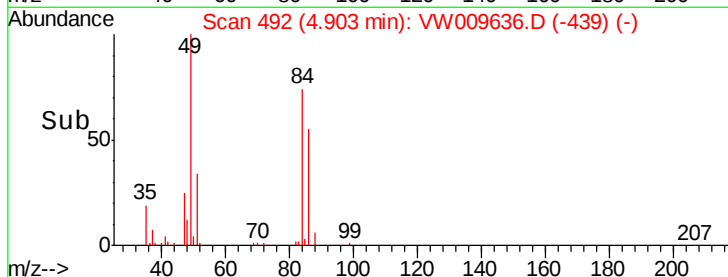
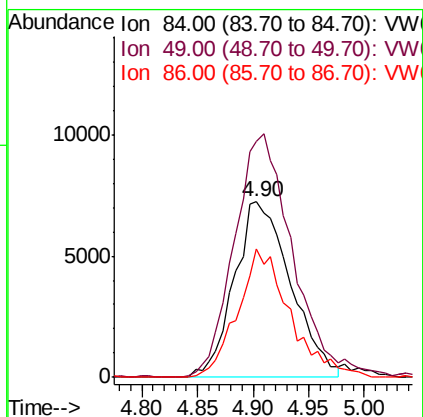
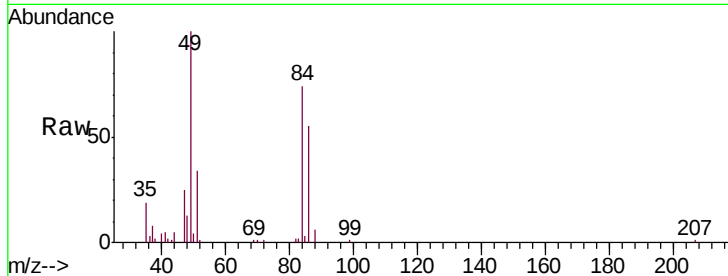




#16
Methylene chloride
Concen: 9.277 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
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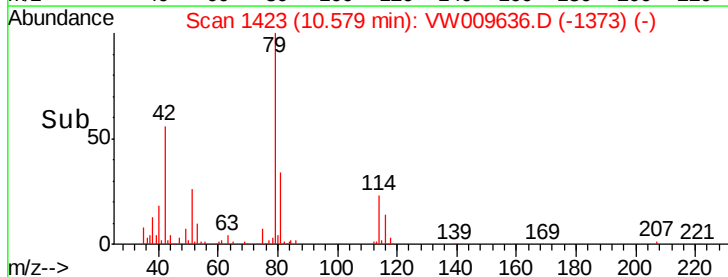
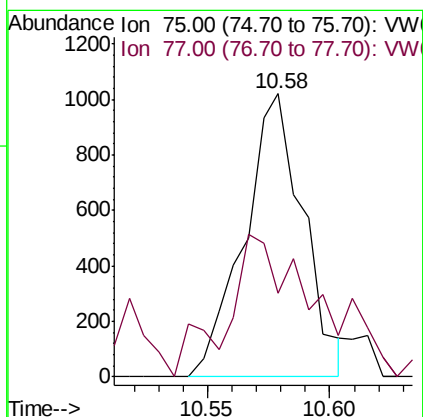
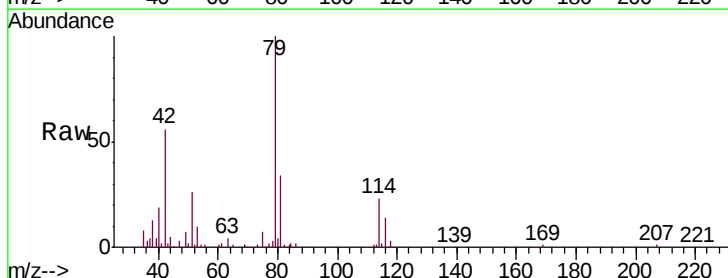
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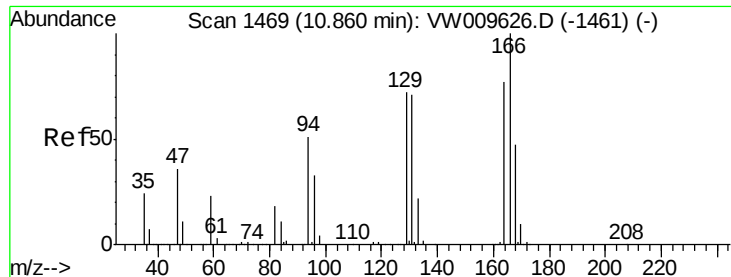
Tgt Ion: 84 Resp: 25551
Ion Ratio Lower Upper
84 100
49 134.4 96.0 178.2
86 73.3 44.4 82.5



#45
trans-1,3-Dichloropropene
Concen: 0.648 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW009636.D
Acq: 01 Apr 2019 21:05

Tgt Ion: 75 Resp: 1716
Ion Ratio Lower Upper
75 100
77 29.6 22.5 41.7





#47

Tetrachloroethene

Concen: 0.354 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW009636.D

Acq: 01 Apr 2019 21:05

Instrument :

MSVOA_W

ClientSampleId :

BF5C2

Tgt Ion:164 Resp: 580

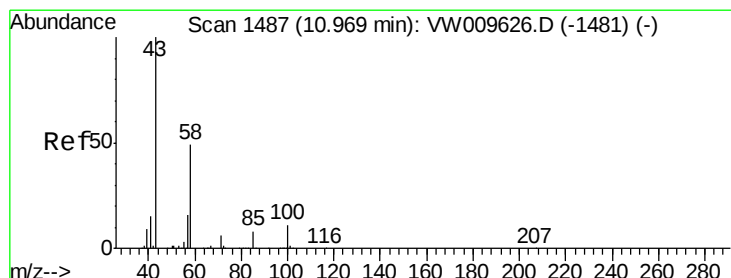
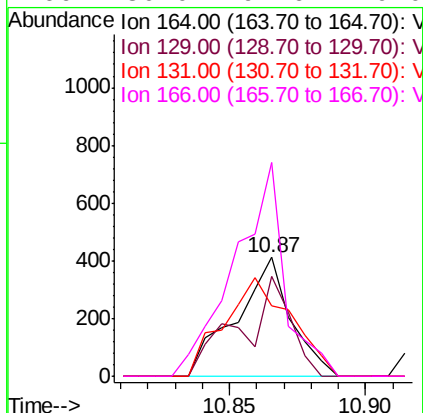
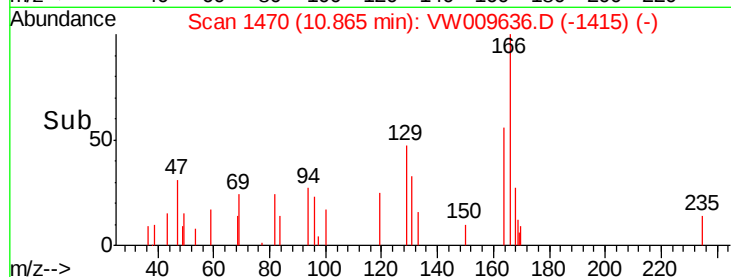
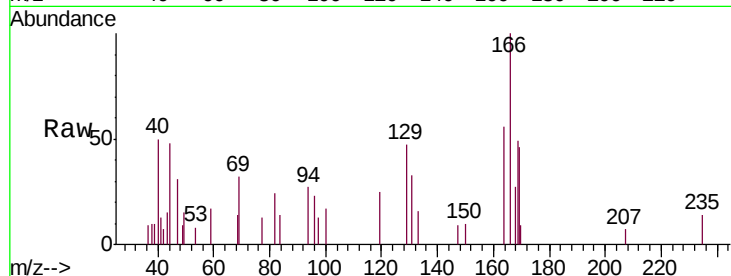
Ion Ratio Lower Upper

164 100

129 84.7 66.5 123.5

131 59.6 62.6 116.3#

166 180.0 91.6 170.0#



#49

2-Hexanone

Concen: 7.830 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009636.D

Acq: 01 Apr 2019 21:05

Tgt Ion: 43 Resp: 9339

Ion Ratio Lower Upper

43 100

58 3.8 39.2 58.8#

57 0.0 14.2 21.2#

100 1.2 8.9 13.3#

