

Data File : VR026505.D
Acq On : 7 Apr 2019 19:45
Operator : SY/MD
Sample : K2282-21
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

Quant Time: Apr 08 03:04:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 08 02:57:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	457035	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	396621	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	121452	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	184877	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	2.63	69	160283	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	3.61	63	365126	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	6.59	46	180943	58.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.88%
24) Chloroform-d	7.20	84	354765	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	7.90	65	152049	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	7.85	84	648169	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	8.90	67	180103	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	9.97	98	591232	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	10.24	79	37469	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	10.59	63	149452	64.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.02%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71799	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	116027	6.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.20%#

Target Compounds

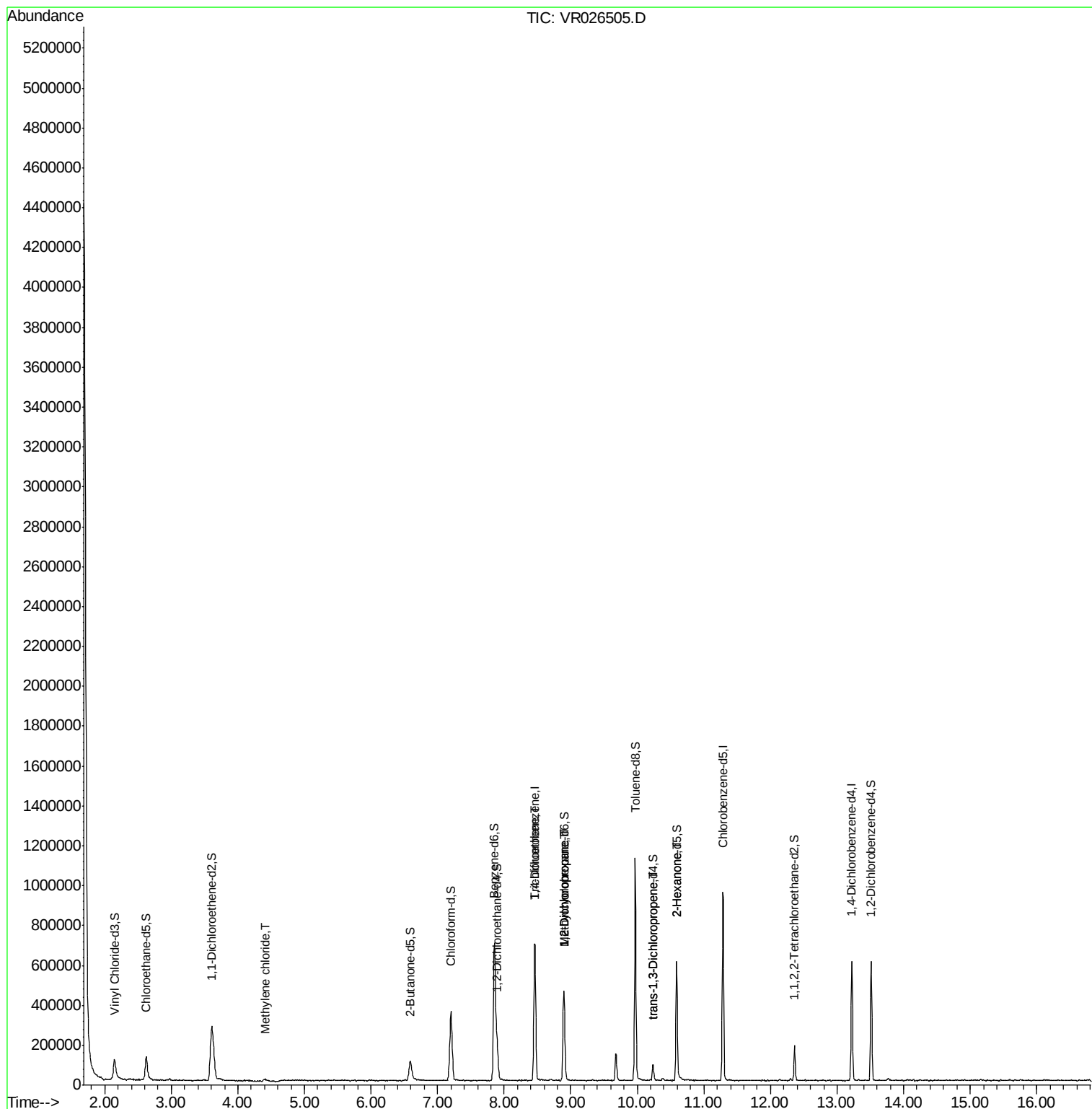
					Qvalue
16) Methylene chloride	4.40	84	6138	0.170 ug/L	75
34) Trichloroethene	8.46	95	15774	0.380 ug/L #	13
35) Methylcyclohexane	8.90	83	42783	0.723 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	23807	0.701 ug/L #	92
44) trans-1,3-Dichloropropene	10.23	75	2940	0.109 ug/L	91
48) 2-Hexanone	10.59	43	25125	3.795 ug/L #	75

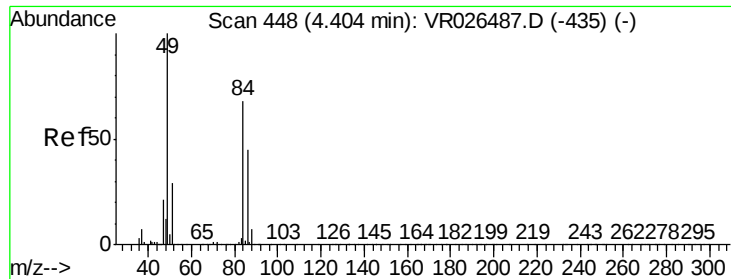
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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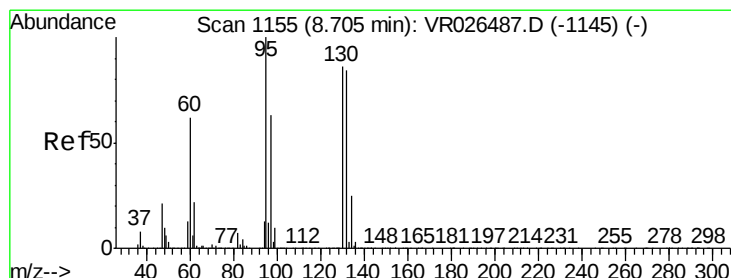
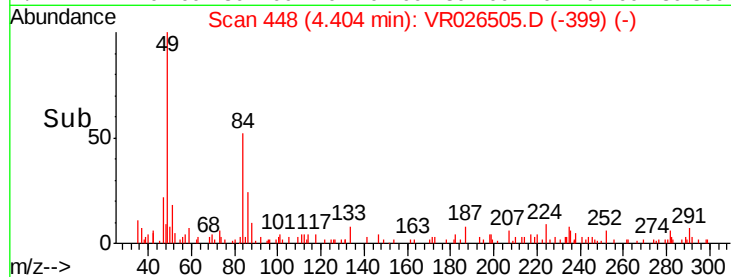
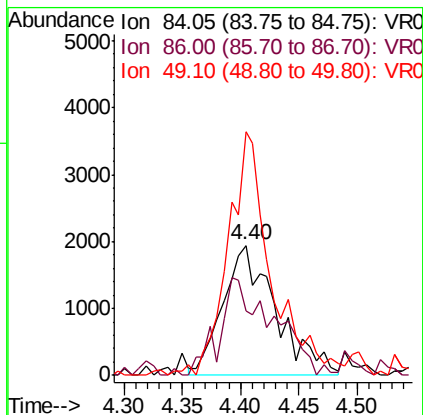
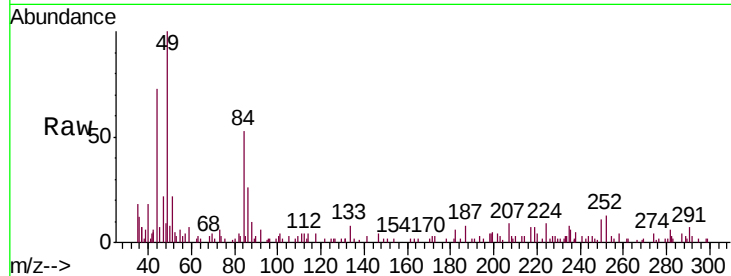




#16
Methylene chloride
Concen: 0.170 ug/L
RT: 4.40 min Scan# 448
Delta R.T. -0.00 min
Lab File: VR026505.D
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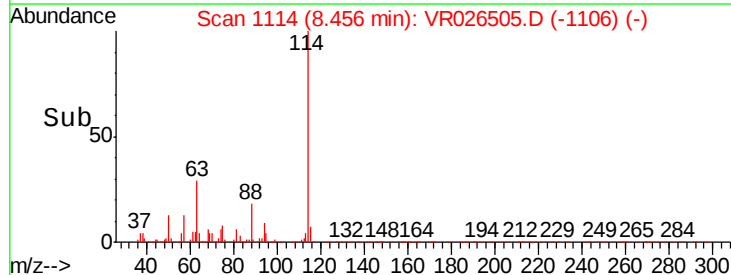
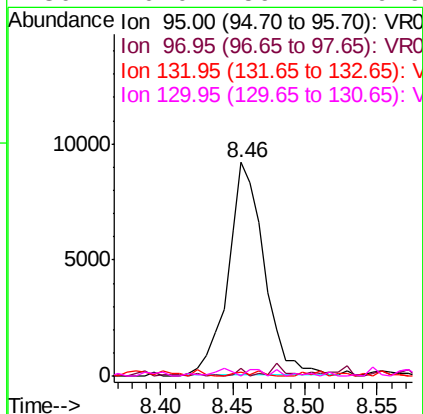
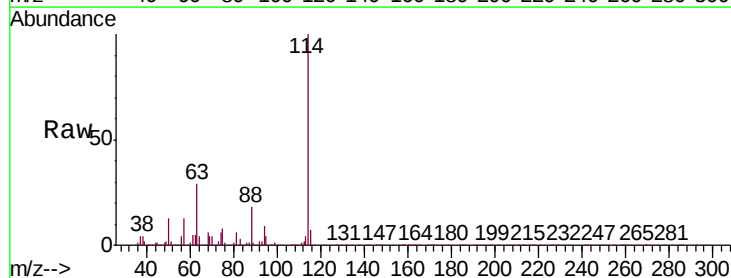
Instrument :
MSVOA_R
ClientSampled :
VHBLK01

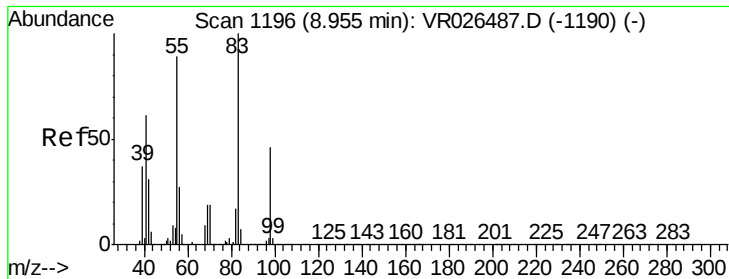
Tgt Ion: 84 Resp: 6138
Ion Ratio Lower Upper
84 100
86 49.2 45.6 84.6
49 187.0 106.5 197.9



#34
Trichloroethene
Concen: 0.380 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.25 min
Lab File: VR026505.D
Acq: 7 Apr 2019 19:45

Tgt Ion: 95 Resp: 15774
Ion Ratio Lower Upper
95 100
97 3.8 43.8 81.3#
132 1.8 57.2 106.2#
130 0.0 59.7 110.9#

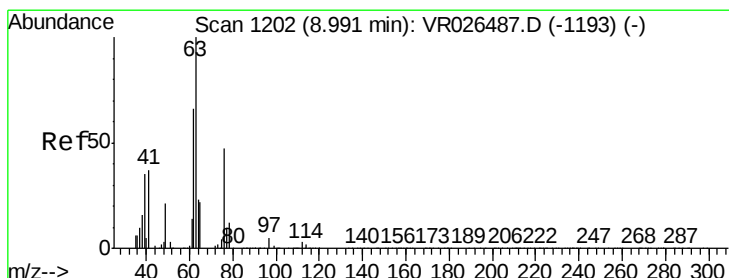
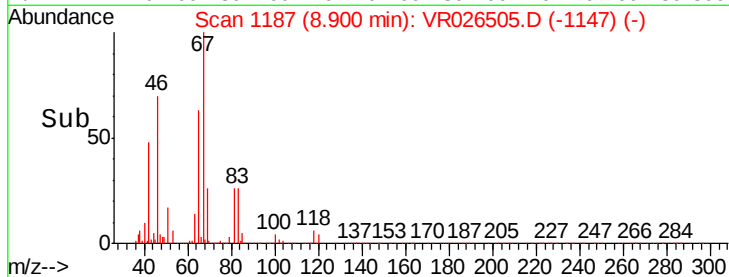
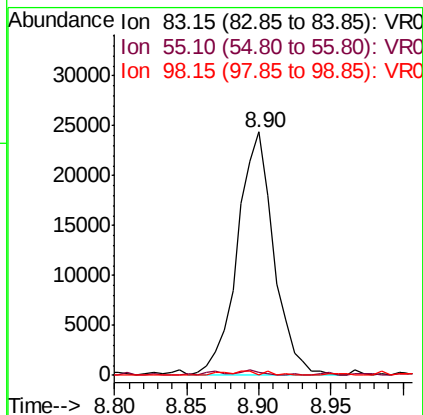
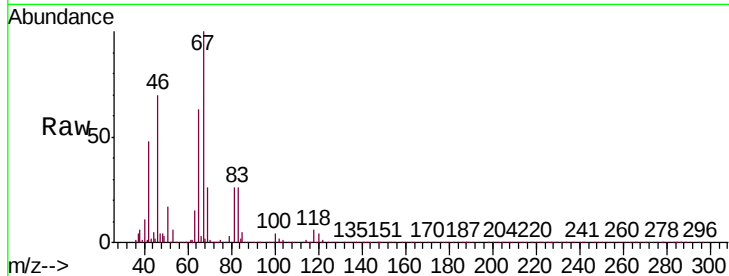




#35
Methylcyclohexane
Concen: 0.723 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026505.D
Acq: 7 Apr 2019 19:45

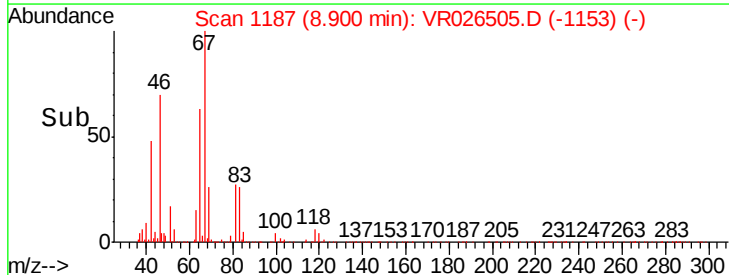
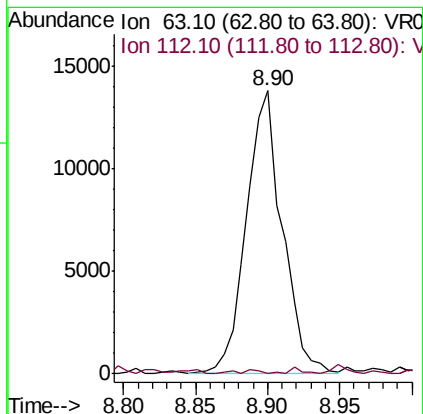
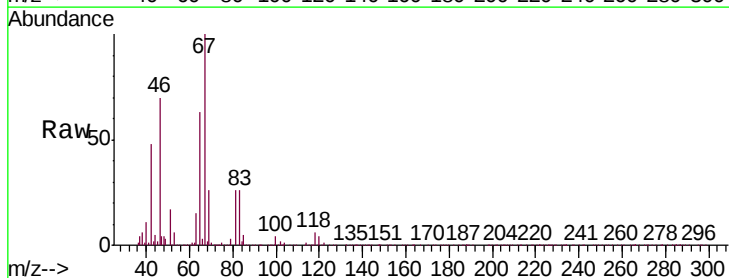
Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

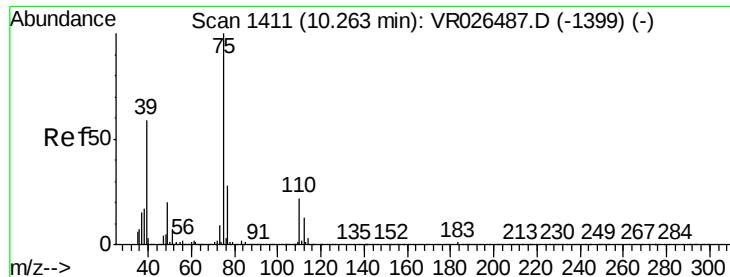
Tgt Ion: 83 Resp: 42783
Ion Ratio Lower Upper
83 100
55 1.4 73.8 110.6#
98 1.5 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.701 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026505.D
Acq: 7 Apr 2019 19:45

Tgt Ion: 63 Resp: 23807
Ion Ratio Lower Upper
63 100
112 0.8 2.8 4.2#





#44

trans-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 10.23 min Scan# 1405

Delta R.T. -0.04 min

Lab File: VR026505.D

Acq: 7 Apr 2019 19:45

Instrument :

MSVOA_R

ClientSampleId :

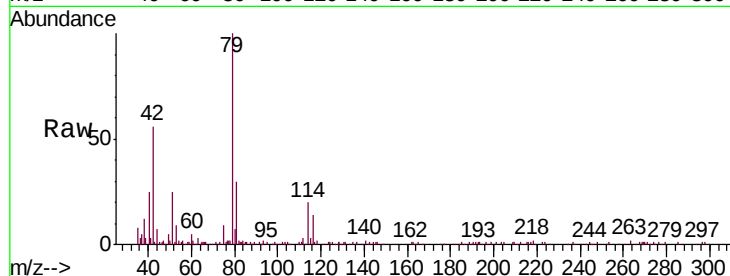
VHBLK01

Tgt Ion: 75 Resp: 2940

Ion Ratio Lower Upper

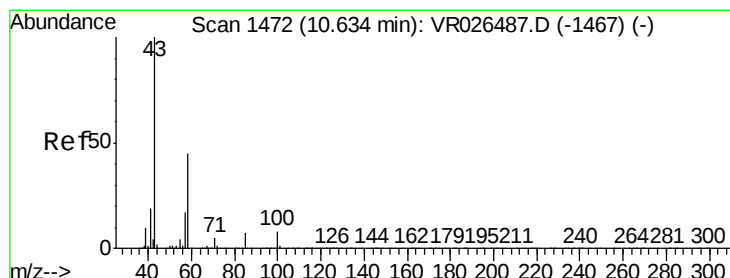
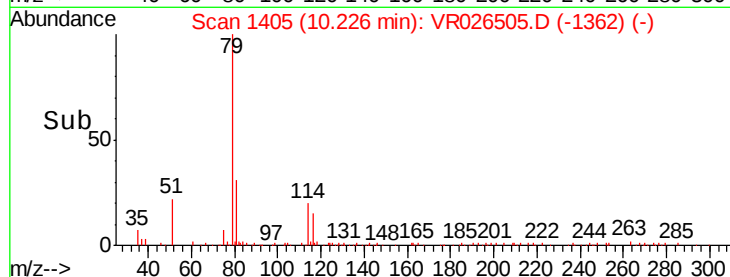
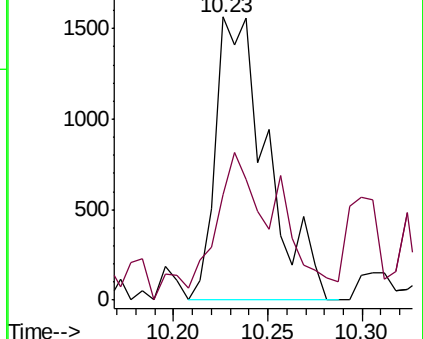
75 100

77 37.4 22.7 42.1



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0



#48

2-Hexanone

Concen: 3.795 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026505.D

Acq: 7 Apr 2019 19:45

Tgt Ion: 43 Resp: 25125

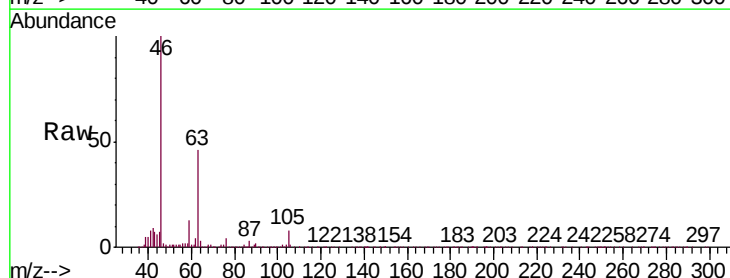
Ion Ratio Lower Upper

43 100

58 32.0 38.2 57.2#

57 33.9 13.8 20.6#

100 5.0 6.2 9.2#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

