

Data File : VR026400.D
Acq On : 27 Feb 2019 12:54
Operator : SY/MD
Sample : K1589-09
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

Quant Time: Feb 28 07:32:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 28 07:30:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	446330	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	359699	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	103479	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	225332	5.16	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	2.62	69	177639	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	3.60	63	434393	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	6.59	46	139201	43.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.36%
24) Chloroform-d	7.20	84	334816	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	7.89	65	134820	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	7.85	84	644754	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	8.90	67	159974	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	9.97	98	591057	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	10.24	79	36275	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	10.59	63	104892	45.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.94%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	53321	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	93367	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

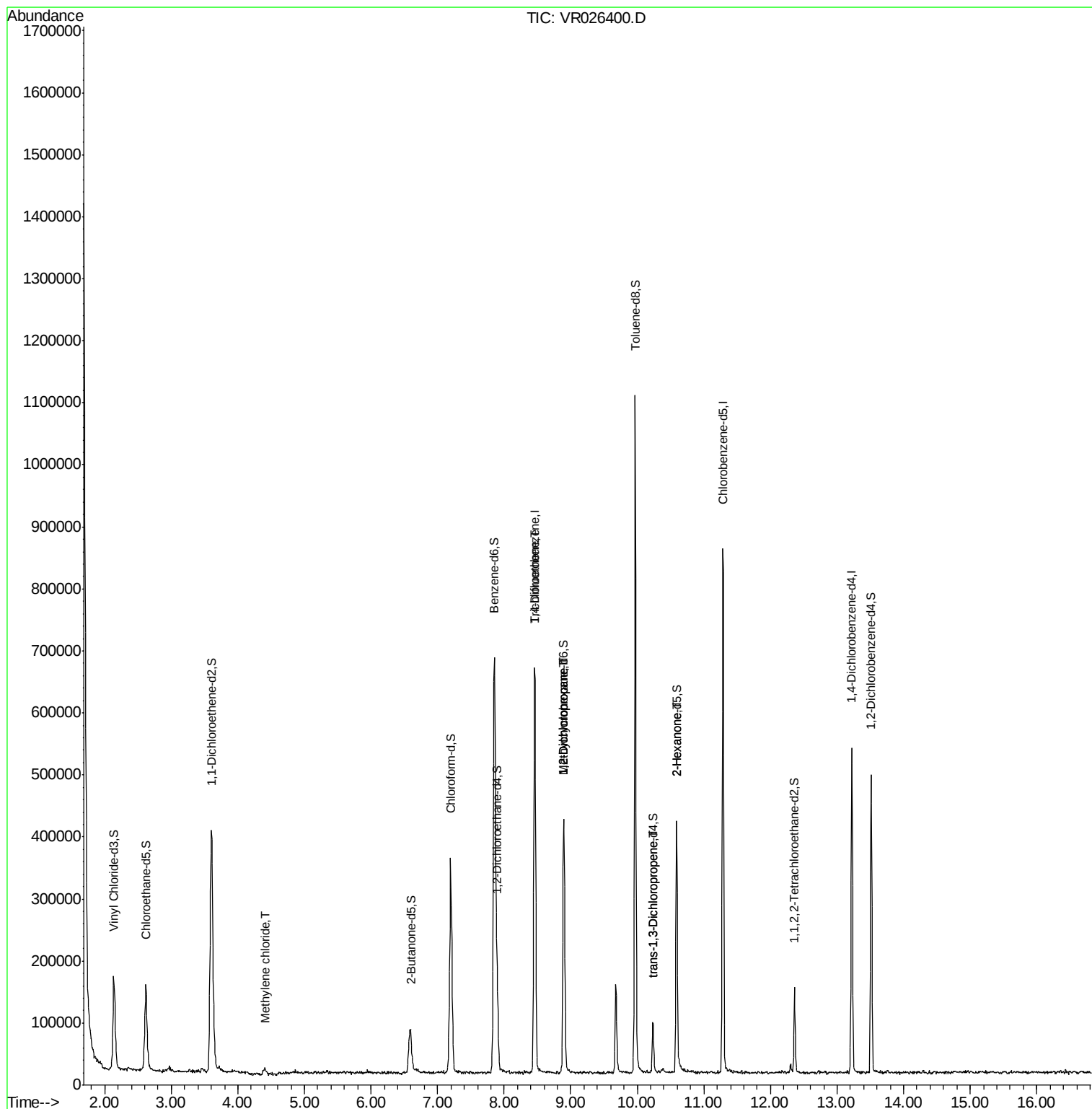
					Qvalue
16) Methylene chloride	4.40	84	6563	0.193 ug/L #	75
34) Trichloroethene	8.46	95	15679	0.451 ug/L #	11
35) Methylcyclohexane	8.89	83	39636	0.804 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	20881	0.711 ug/L #	92
44) trans-1,3-Dichloropropene	10.24	75	2681	0.115 ug/L	94
48) 2-Hexanone	10.59	43	19301	3.480 ug/L #	67

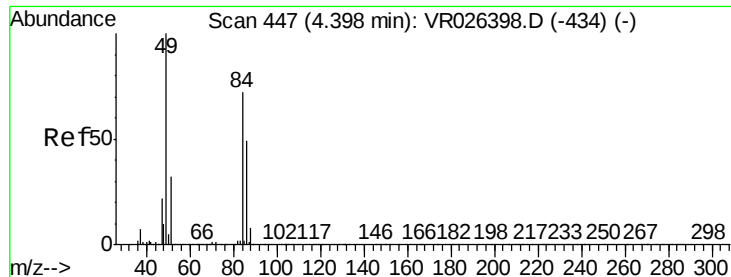
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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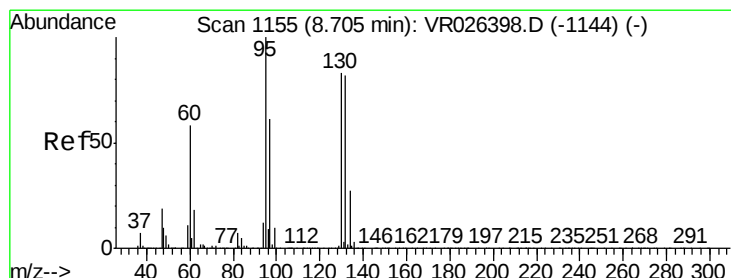
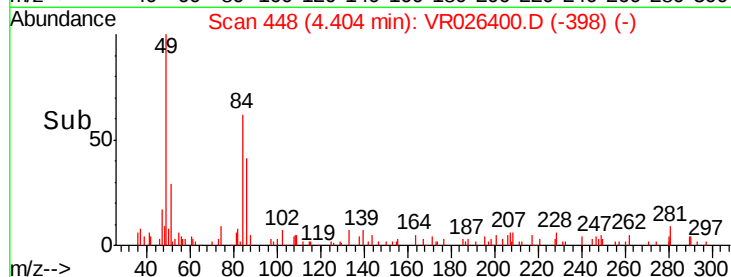
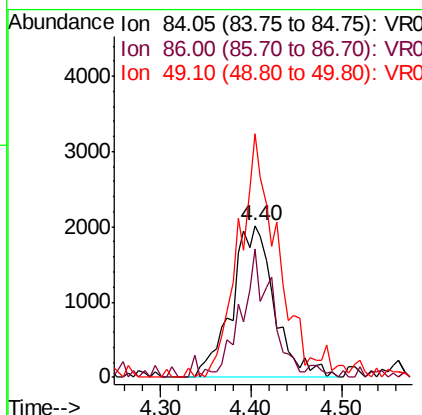
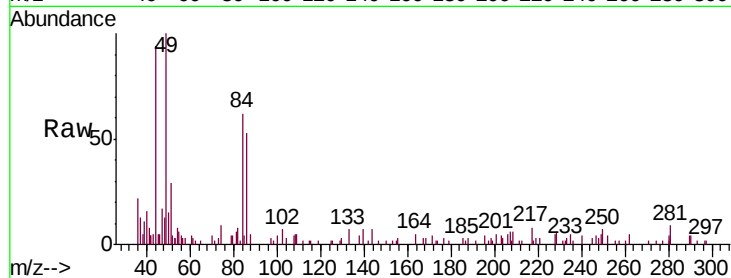




#16
Methylene chloride
Concen: 0.193 ug/L
RT: 4.40 min Scan# 448
Delta R.T. 0.01 min
Lab File: VR026400.D
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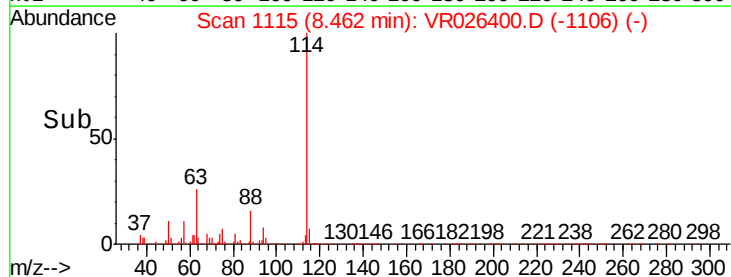
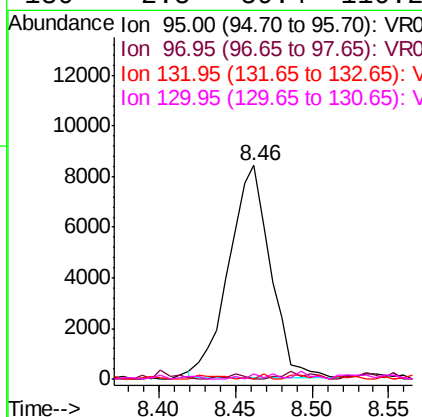
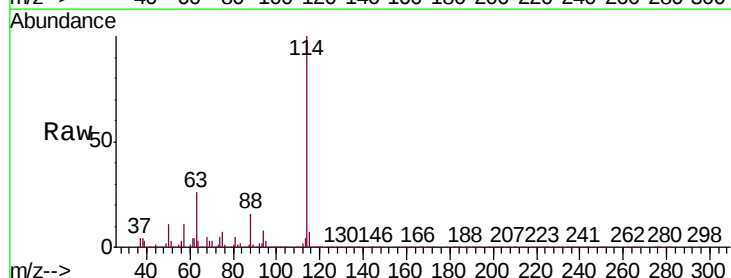
Instrument :
MSVOA_R
ClientSampled :
VHBLK01

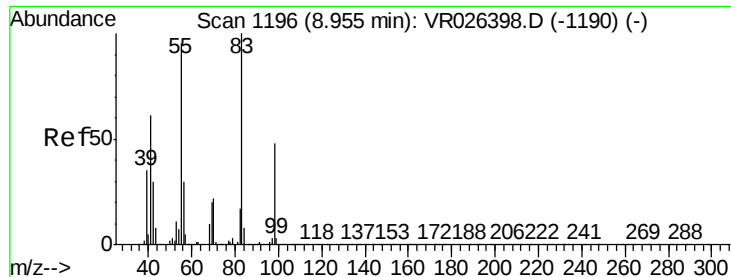
Tgt Ion: 84 Resp: 6563
Ion Ratio Lower Upper
84 100
86 84.4 42.1 78.3#
49 160.6 93.8 174.2



#34
Trichloroethene
Concen: 0.451 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.24 min
Lab File: VR026400.D
Acq: 27 Feb 2019 12:54

Tgt Ion: 95 Resp: 15679
Ion Ratio Lower Upper
95 100
97 0.0 43.5 80.7#
132 0.0 58.6 108.8#
130 2.5 59.4 110.2#

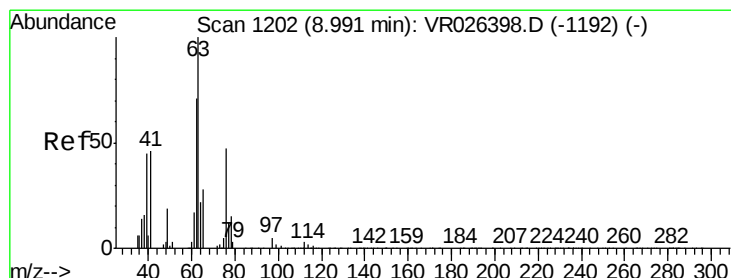
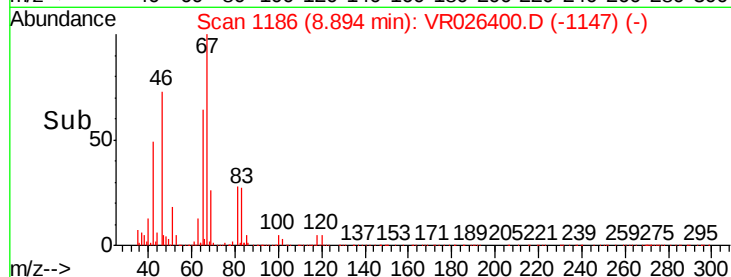
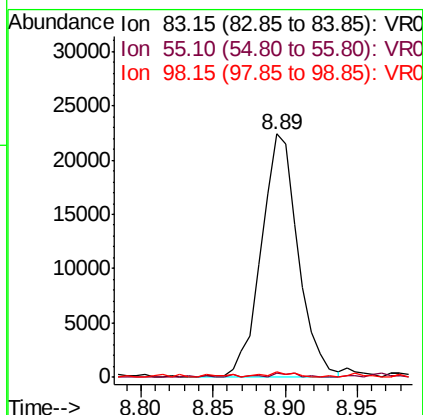
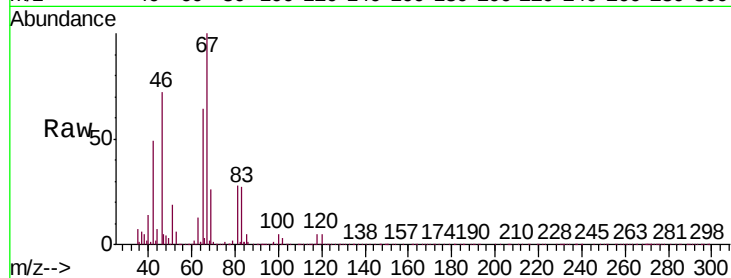




#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026400.D
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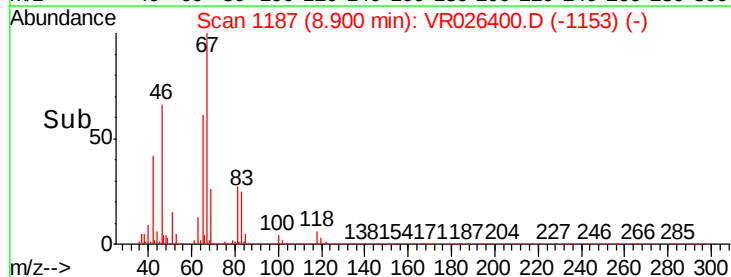
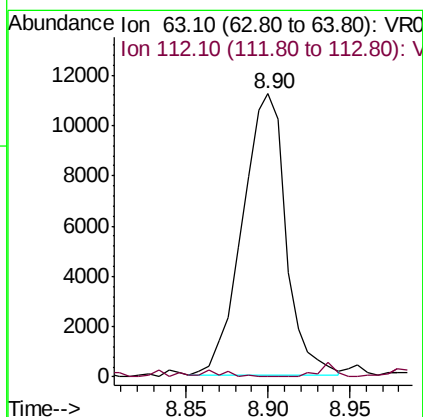
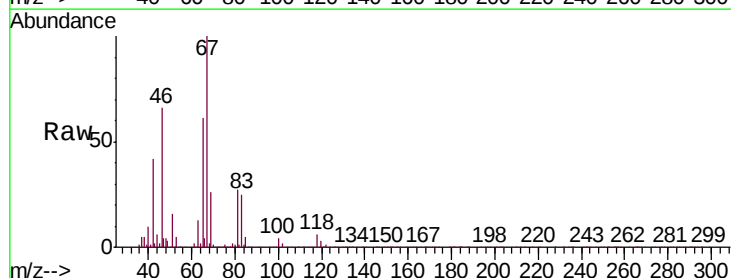
Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

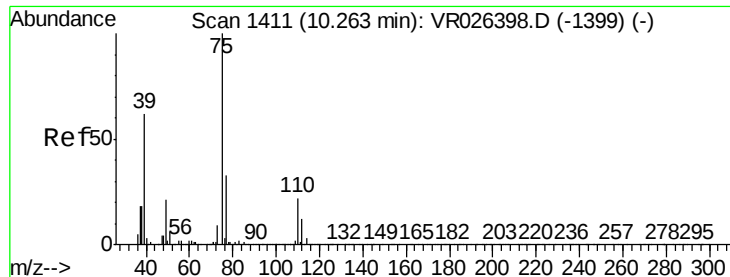
Tgt Ion: 83 Resp: 39636
Ion Ratio Lower Upper
83 100
55 1.7 72.2 108.2#
98 1.9 35.0 52.4#



#37
1,2-Dichloropropane
Concen: 0.711 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026400.D
Acq: 27 Feb 2019 12:54

Tgt Ion: 63 Resp: 20881
Ion Ratio Lower Upper
63 100
112 1.8 3.6 5.4#





#44

trans-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026400.D

Acq: 27 Feb 2019 12:54

Instrument :

MSVOA_R

ClientSampleId :

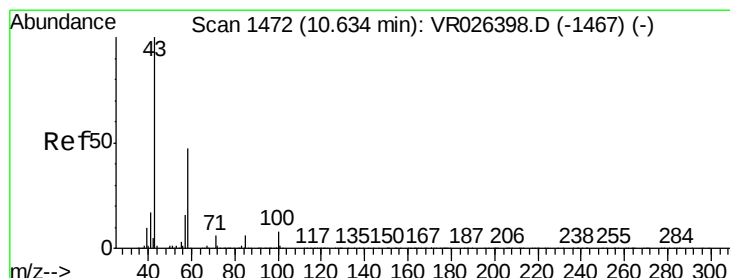
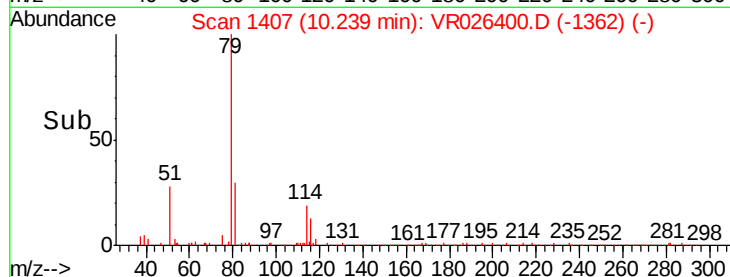
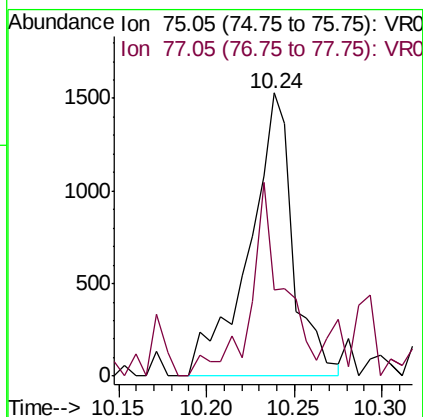
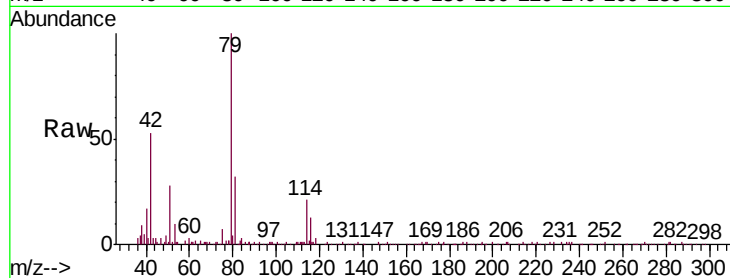
VHBLK01

Tgt Ion: 75 Resp: 2681

Ion Ratio Lower Upper

75 100

77 30.5 23.9 44.3



#48

2-Hexanone

Concen: 3.480 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026400.D

Acq: 27 Feb 2019 12:54

Tgt Ion: 43 Resp: 19301

Ion Ratio Lower Upper

43 100

58 22.6 38.4 57.6#

57 29.9 13.2 19.8#

100 3.6 6.3 9.5#

