

Data File : VR026198.D
Acq On : 7 Nov 2018 10:37
Operator : SY/MD
Sample : VR1107WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK93

Quant Time: Nov 07 12:52:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 07 12:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	684034	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	555283	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	185519	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	290243	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	2.63	69	245861	4.78	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	3.61	63	520056	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	6.59	46	208038	42.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.66%
24) Chloroform-d	7.20	84	398016	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	7.90	65	164877	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	7.85	84	821218	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	8.90	67	212605	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	9.97	98	770624	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	10.24	79	48289	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	10.59	63	156159	44.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71306	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	134775	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

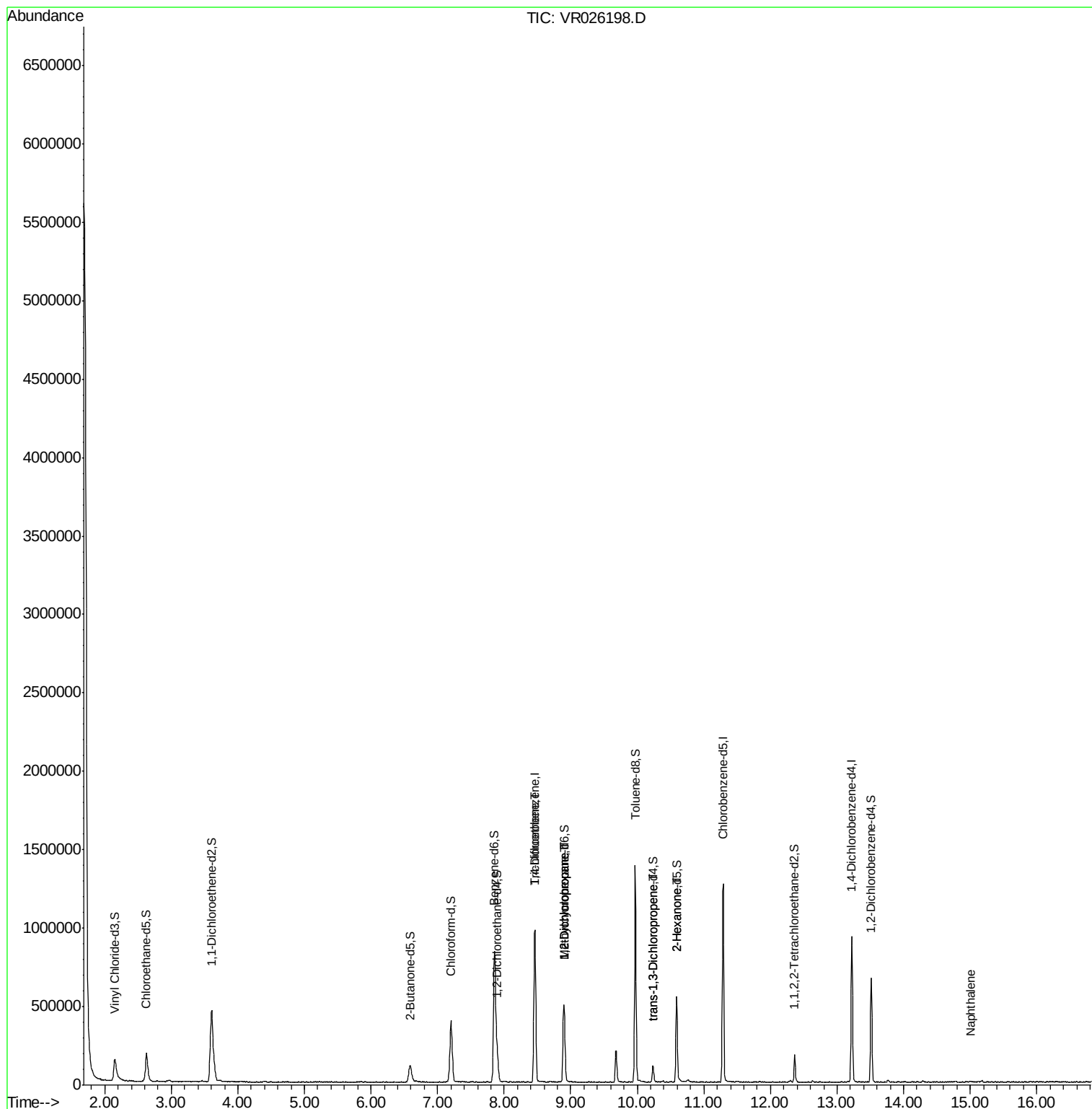
					Qvalue	
34) Trichloroethene	8.46	95	24085	0.452	ug/L #	9
35) Methylcyclohexane	8.90	83	53318	0.672	ug/L #	19
37) 1,2-Dichloropropane	8.90	63	27640	0.629	ug/L #	94
44) trans-1,3-Dichloropropene	10.23	75	3672	0.104	ug/L	88
48) 2-Hexanone	10.59	43	24595	2.805	ug/L #	70
69) Naphthalene	15.00	128	3049	0.143	ug/L #	84

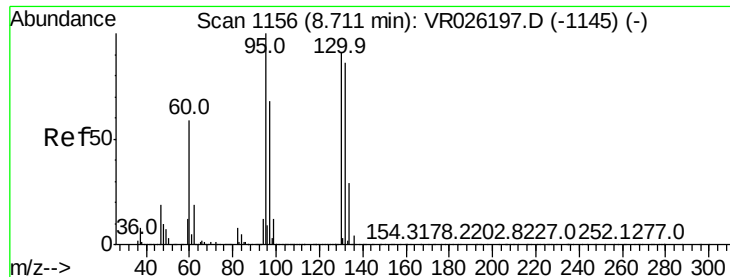
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#34

Trichloroethene

Concen: 0.452 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.24 min

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Acq: 7 Nov 2018 10:37

Instrument :

MSVOA_R

ClientSampleId :

VBLK93

Tgt Ion: 95 Resp: 24085

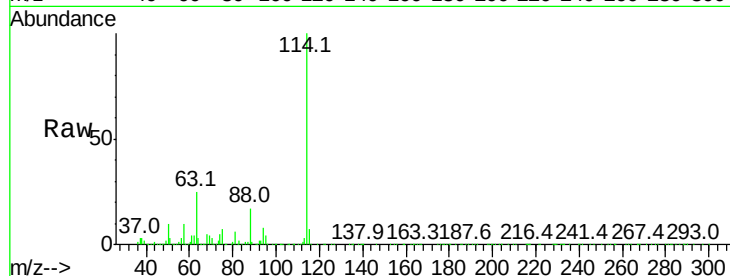
Ion Ratio Lower Upper

95 100

97 0.0 45.7 84.9#

132 0.0 58.3 108.3#

130 0.0 64.0 119.0#

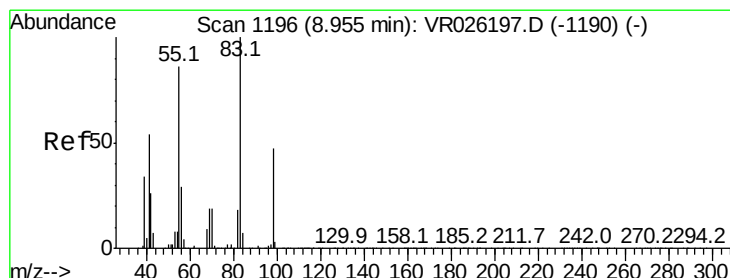
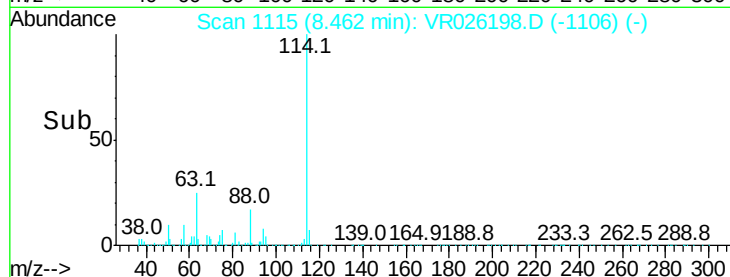
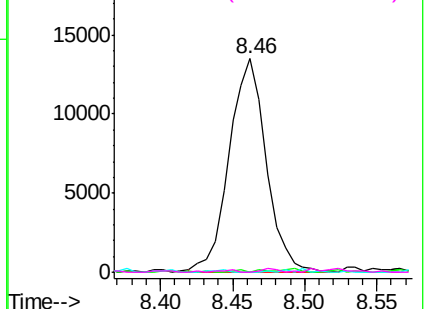


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.672 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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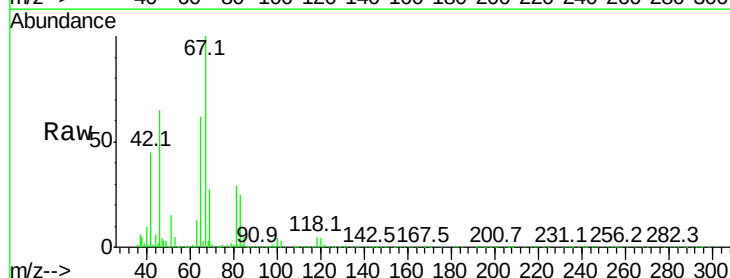
Tgt Ion: 83 Resp: 53318

Ion Ratio Lower Upper

83 100

55 1.6 66.8 100.2#

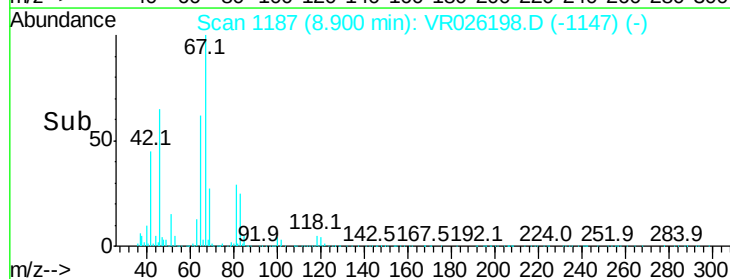
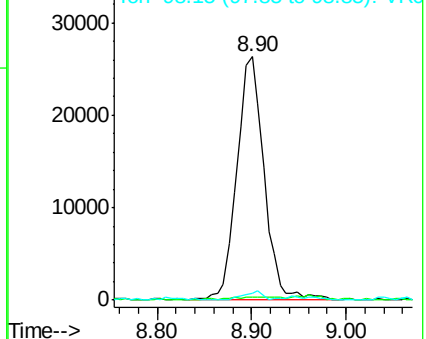
98 2.8 35.2 52.8#

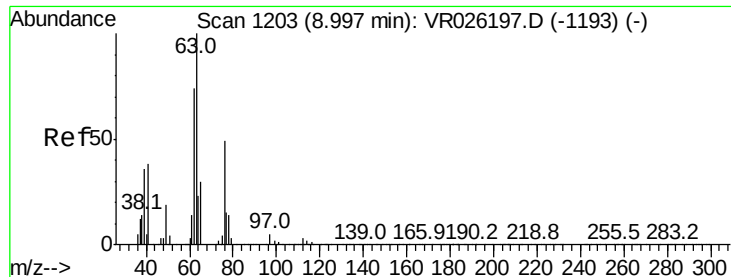


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.629 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.09 min

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Instrument :

MSVOA_R

ClientSampleId :

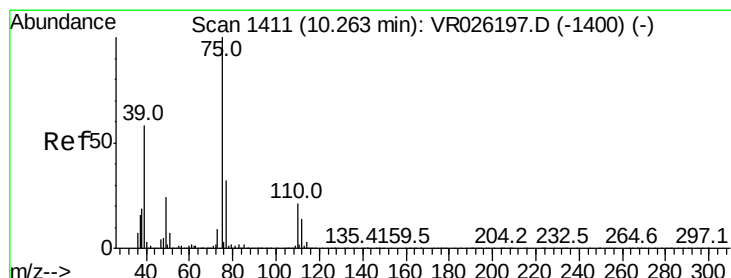
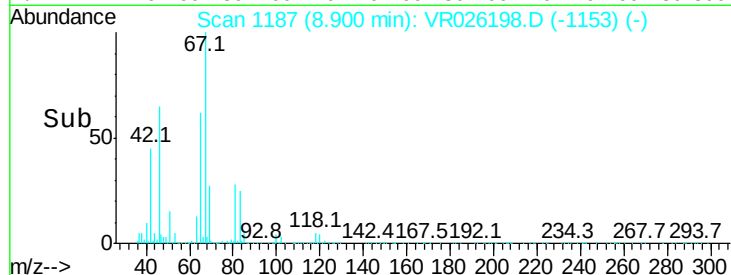
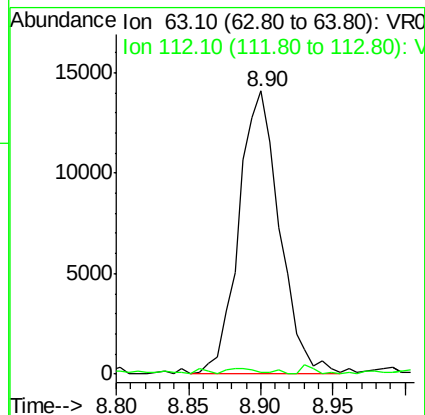
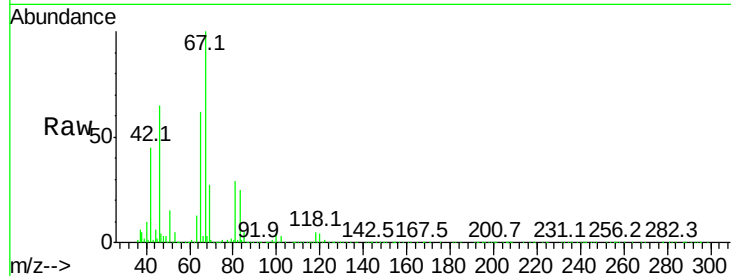
VBLK93

Tgt Ion: 63 Resp: 27640

Ion Ratio Lower Upper

63 100

112 1.6 2.7 4.1#



#44

trans-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR026198.D

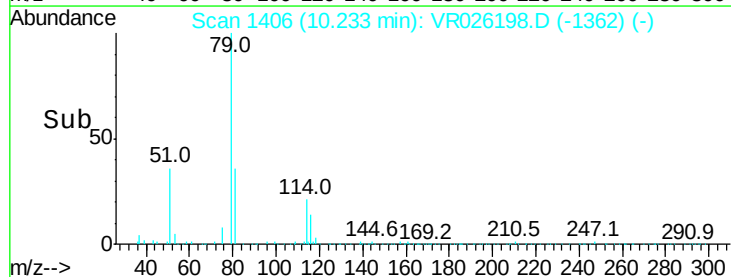
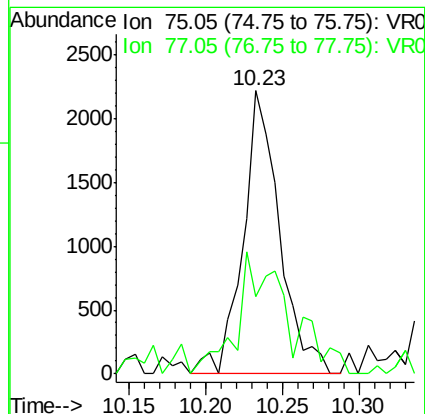
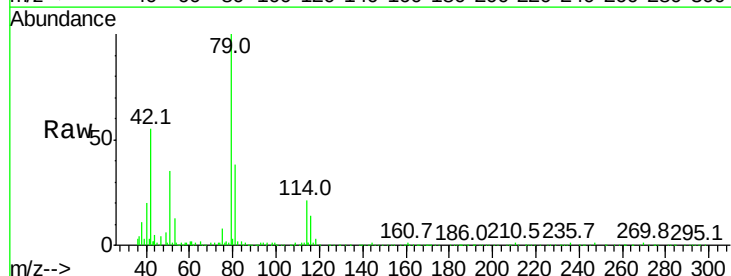
Acq: 7 Nov 2018 10:37

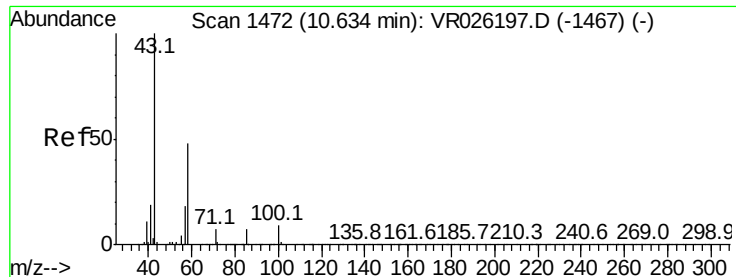
Tgt Ion: 75 Resp: 3672

Ion Ratio Lower Upper

75 100

77 27.4 24.1 44.7

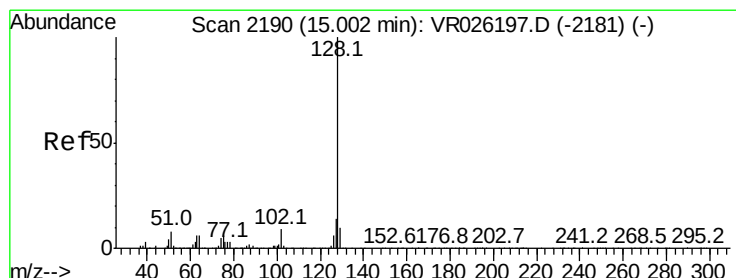
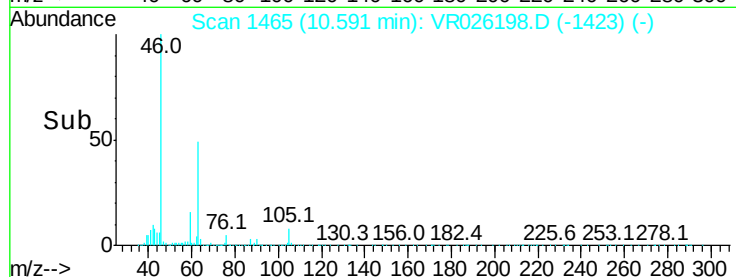
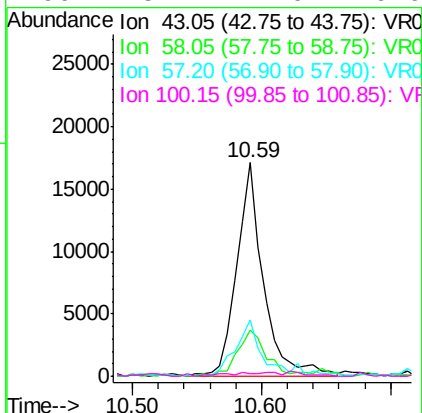
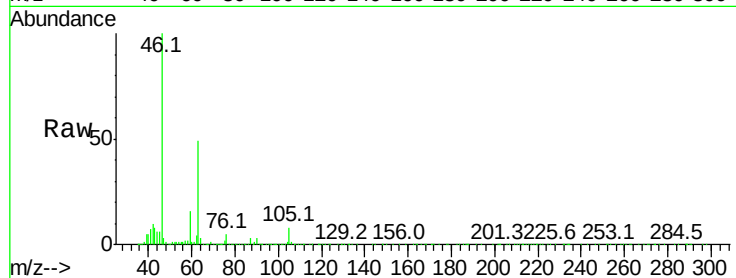




#48
2-Hexanone
Concen: 2.805 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026198.D
Acq: 7 Nov 2018 10:37

Instrument :
MSVOA_R
ClientSampled :
VBLK93

Tgt Ion:	43	Resp:	24595
Ion	Ratio	Lower	Upper
43	100		
58	24.0	39.6	59.4#
57	25.4	14.0	21.0#
100	3.4	7.0	10.6#



#69
Naphthalene
Concen: 0.143 ug/L
RT: 15.00 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VR026198.D
Acq: 7 Nov 2018 10:37

Tgt Ion:	128	Resp:	3049
Ion	Ratio	Lower	Upper
128	100		
127	15.9	11.0	16.6
129	22.3	9.1	13.7#

