

Data File : VR026238.D
Acq On : 20 Nov 2018 21:04
Operator : SY/MD
Sample : VR1120WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK98

Quant Time: Nov 21 09:57:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	589972	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	500046	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	159903	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	222842	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	2.62	69	201134	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	3.61	63	403110	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	6.58	46	173212	41.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.16%
24) Chloroform-d	7.20	84	387035	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	7.90	65	155306	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	7.86	84	760416	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	8.90	67	193922	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	9.97	98	689188	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	10.24	79	47569	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	10.59	63	133368	48.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.46%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78338	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	133683	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

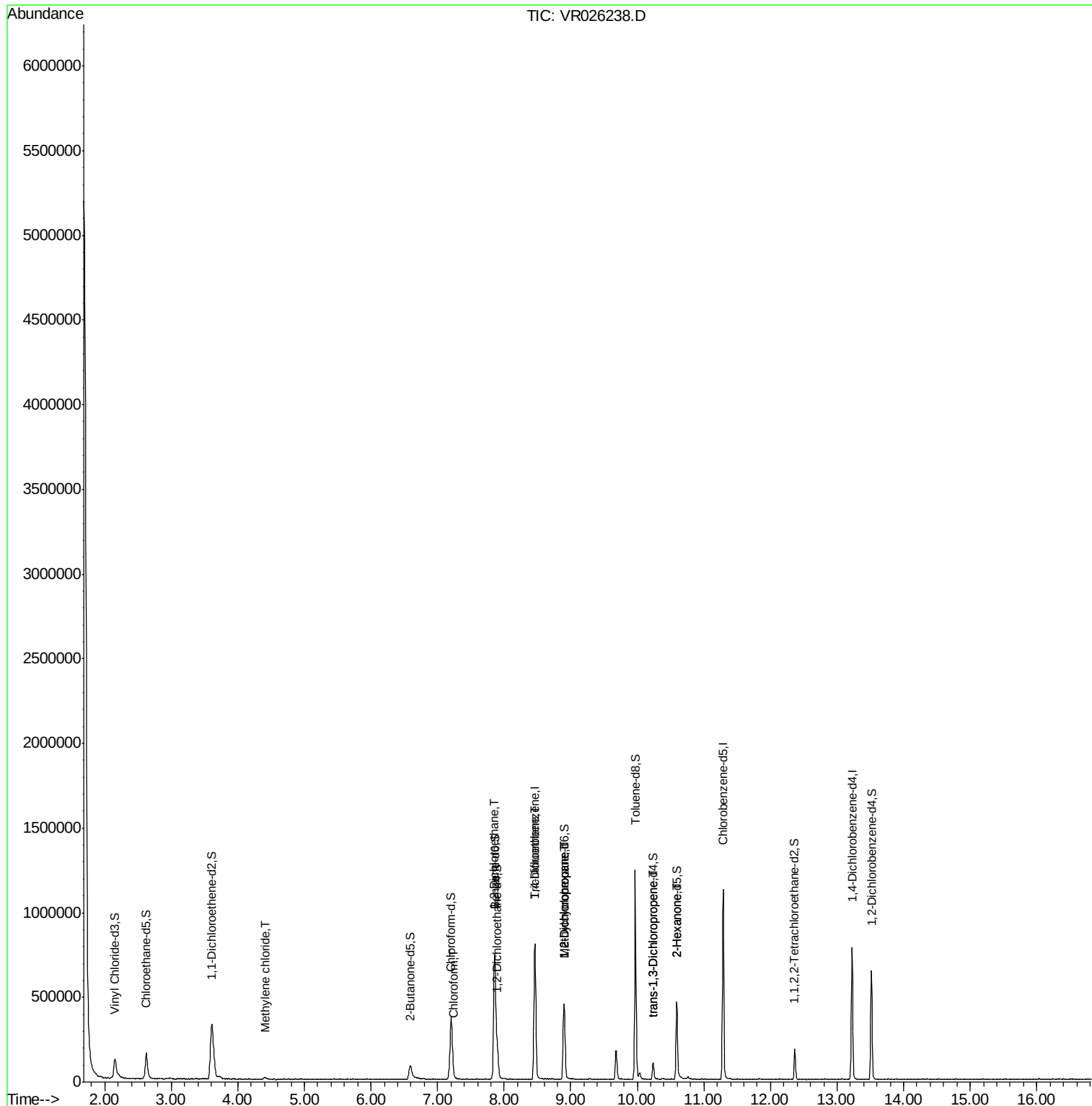
						Qvalue
16) Methylene chloride	4.41	84	7907	0.179	ug/L	94
25) Chloroform	7.24	83	14081	0.159	ug/L	85
27) 1,2-Dichloroethane	7.85	62	5434	0.151	ug/L	97
34) Trichloroethene	8.46	95	19804	0.409	ug/L #	10
35) Methylcyclohexane	8.89	83	46211	0.717	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	23733	0.628	ug/L #	92
44) trans-1,3-Dichloropropene	10.24	75	2793	0.094	ug/L	84
48) 2-Hexanone	10.59	43	21331	3.022	ug/L #	67

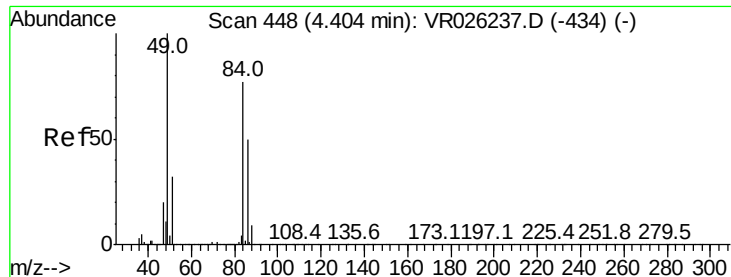
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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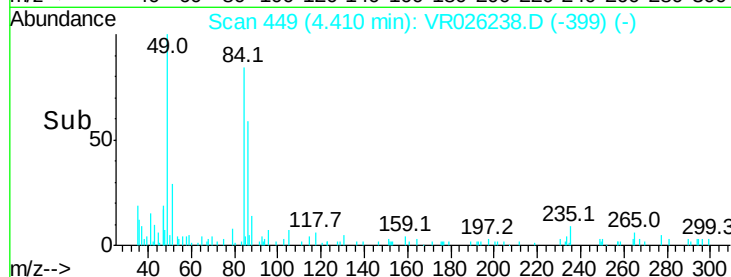
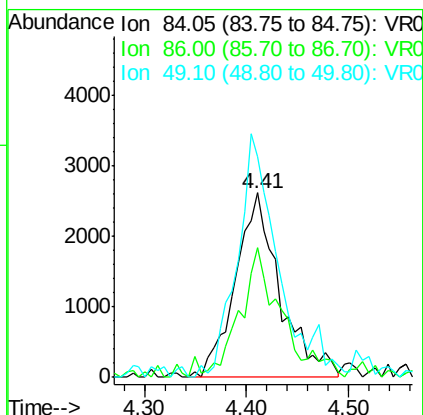
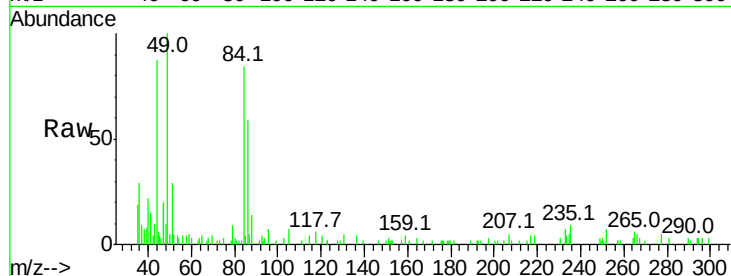




#16
Methylene chloride
Concen: 0.179 ug/L
RT: 4.41 min Scan# 449
Delta R.T. 0.01 min
Lab File: VR026238.D
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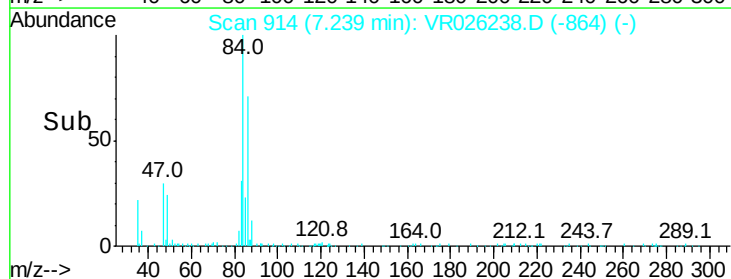
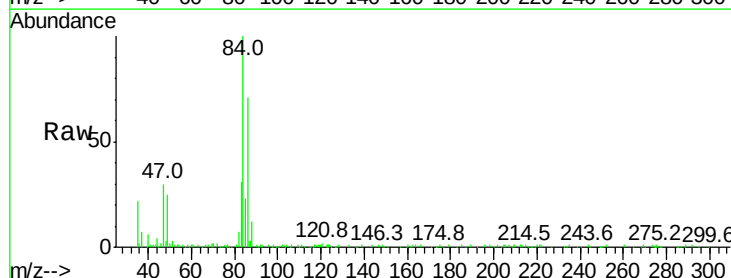
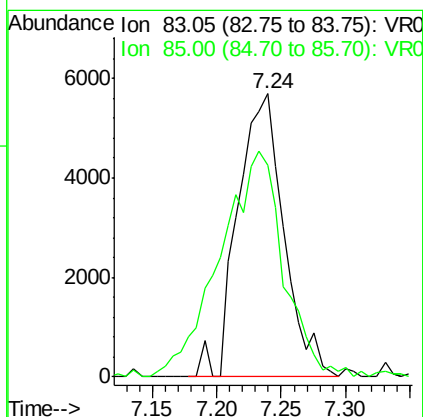
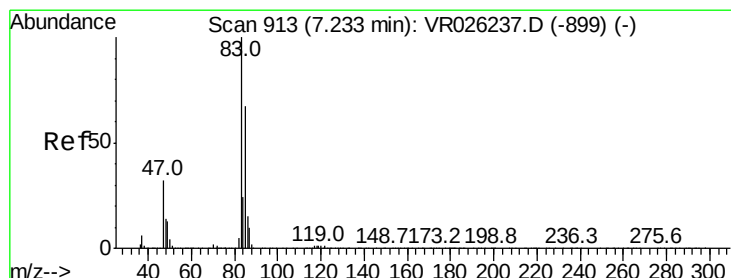
Instrument :
MSVOA_R
ClientSampleId :
VBLK98

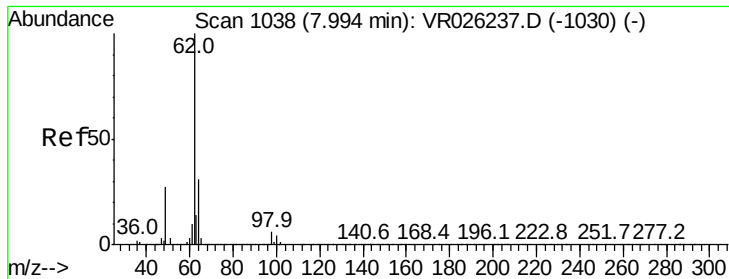
Tgt Ion: 84 Resp: 7907
Ion Ratio Lower Upper
84 100
86 70.0 45.2 84.0
49 119.7 88.3 164.1



#25
Chloroform
Concen: 0.159 ug/L
RT: 7.24 min Scan# 914
Delta R.T. 0.01 min
Lab File: VR026238.D
Acq: 20 Nov 2018 21:04

Tgt Ion: 83 Resp: 14081
Ion Ratio Lower Upper
83 100
85 75.0 44.4 82.5





#27

1,2-Dichloroethane

Concen: 0.151 ug/L

RT: 7.85 min Scan# 1014

Delta R.T. -0.15 min

Lab File: VR026238.D

Acq: 20 Nov 2018 21:04

Instrument :

MSVOA_R

ClientSampleId :

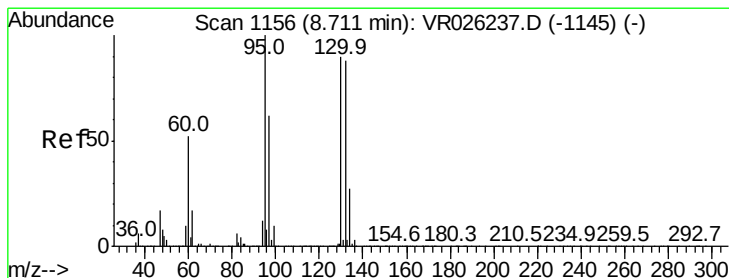
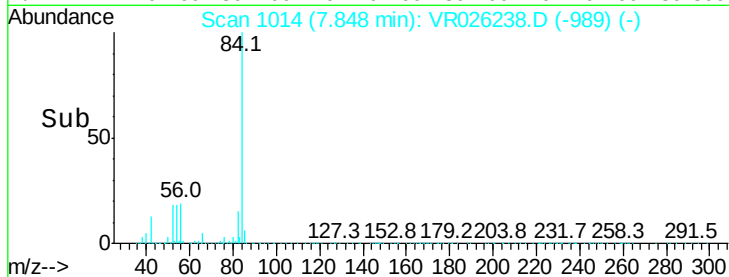
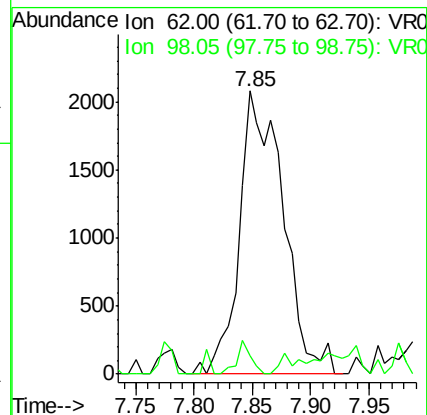
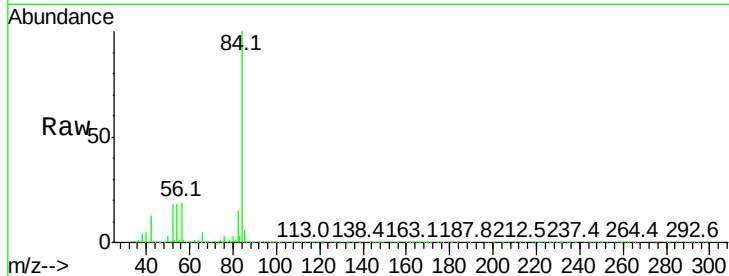
VBLK98

Tgt Ion: 62 Resp: 5434

Ion Ratio Lower Upper

62 100

98 6.4 6.1 9.1



#34

Trichloroethene

Concen: 0.409 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR026238.D

Acq: 20 Nov 2018 21:04

Tgt Ion: 95 Resp: 19804

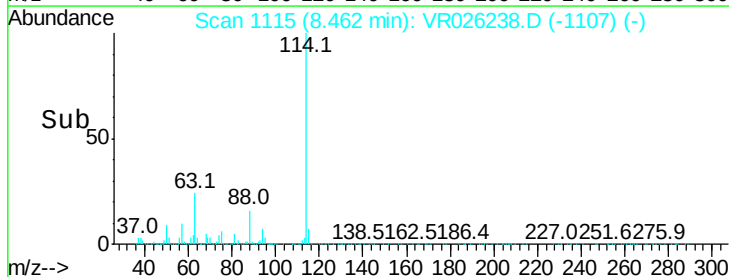
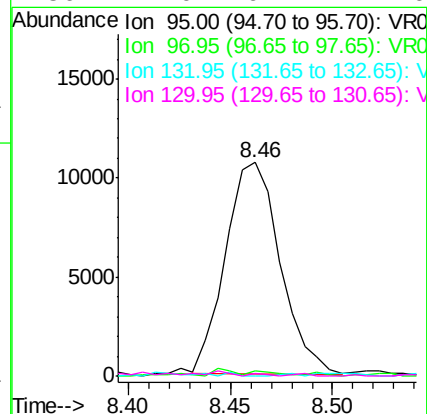
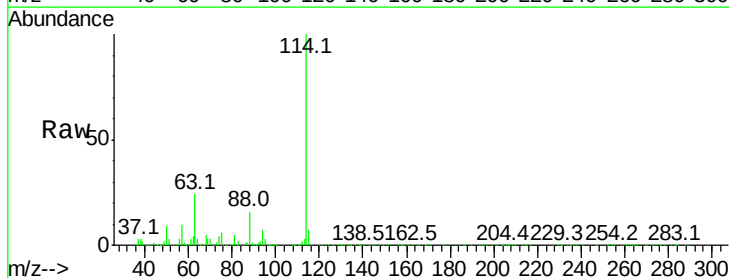
Ion Ratio Lower Upper

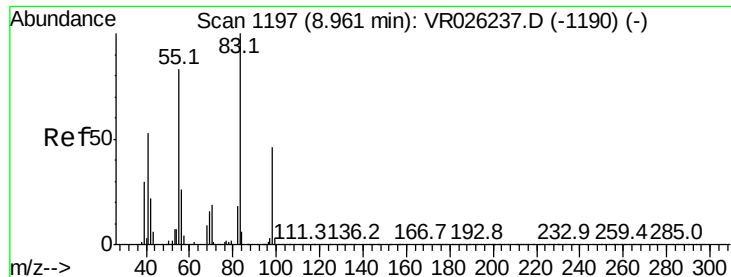
95 100

97 2.3 45.1 83.7#

132 0.0 59.8 111.0#

130 1.0 61.4 114.0#

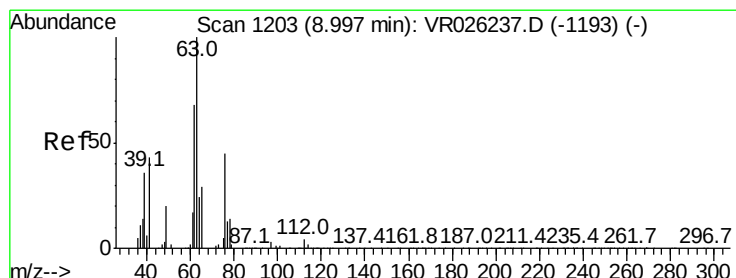
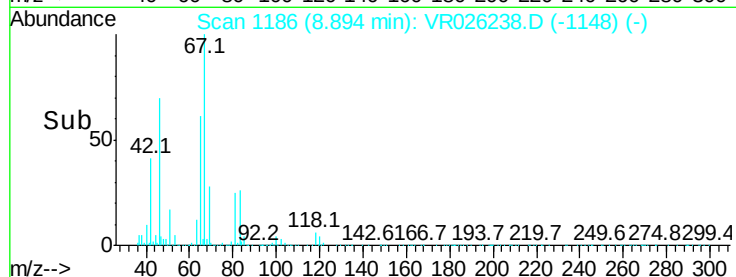
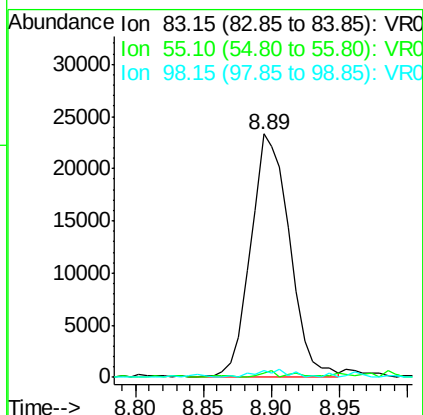
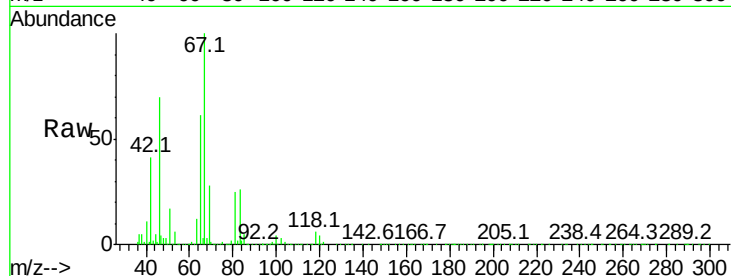




#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.07 min
Lab File: VR026238.D
Acq: 20 Nov 2018 21:04

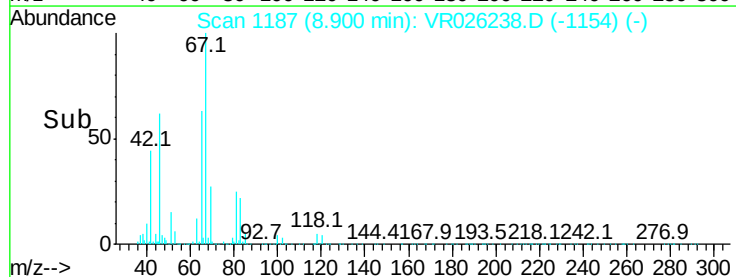
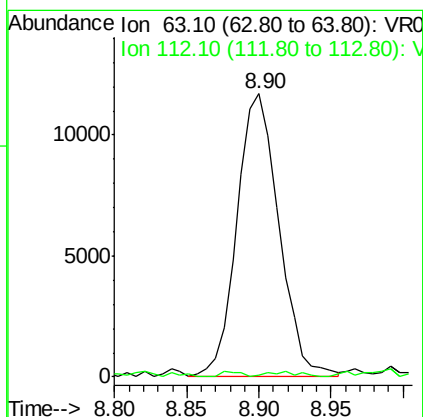
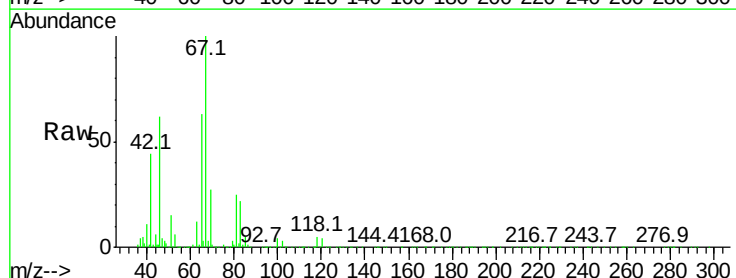
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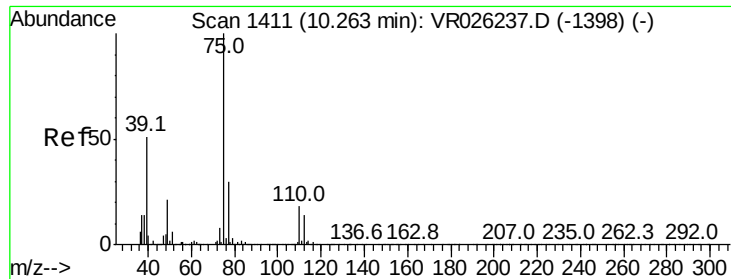
Tgt Ion: 83 Resp: 46211
Ion Ratio Lower Upper
83 100
55 1.0 66.6 100.0#
98 2.9 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026238.D
Acq: 20 Nov 2018 21:04

Tgt Ion: 63 Resp: 23733
Ion Ratio Lower Upper
63 100
112 1.4 3.4 5.0#





#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 10.24 min Scan# 1408

Delta R.T. -0.02 min

Lab File: VR026238.D

Acq: 20 Nov 2018 21:04

Instrument :

MSVOA_R

ClientSampleId :

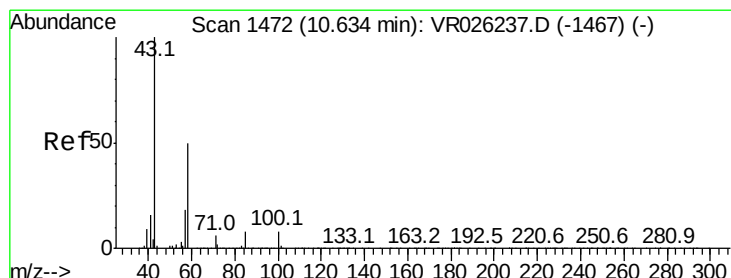
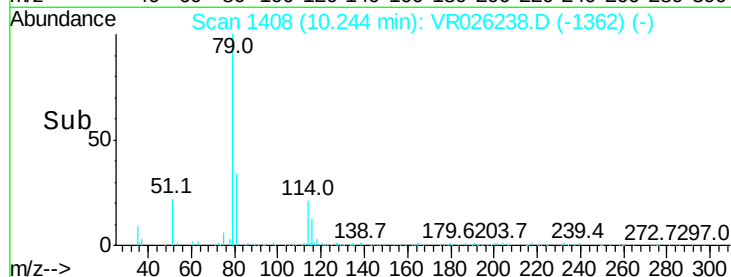
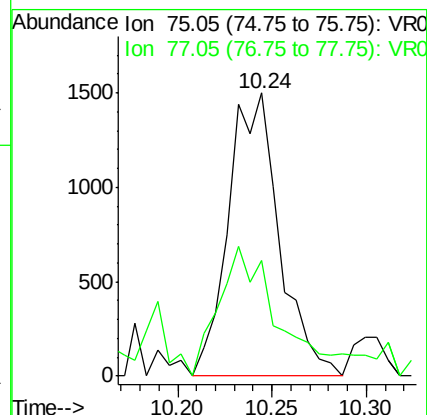
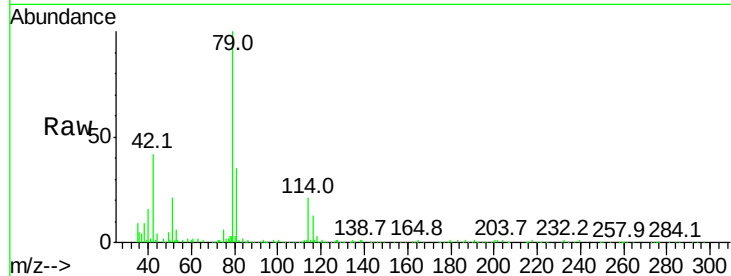
VBLK98

Tgt Ion: 75 Resp: 2793

Ion Ratio Lower Upper

75 100

77 40.9 22.3 41.3



#48

2-Hexanone

Concen: 3.022 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026238.D

Acq: 20 Nov 2018 21:04

Tgt Ion: 43 Resp: 21331

Ion Ratio Lower Upper

43 100

58 23.8 41.3 61.9#

57 29.5 14.5 21.7#

100 5.0 7.5 11.3#

