

Data File : VR026026.D
Acq On : 10 Oct 2018 13:09
Operator : SY/MD
Sample : J5279-21
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

Quant Time: Oct 11 04:14:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	429769	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	370053	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	123345	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	213412	6.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.00%
7) Chloroethane-d5	2.63	69	175950	6.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.00%
11) 1,1-Dichloroethene-d2	3.63	63	364240	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	6.59	46	194222	51.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.82%
24) Chloroform-d	7.20	84	291332	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	7.90	65	131624	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	7.86	84	586736	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	8.90	67	158571	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	9.97	98	549429	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	10.24	79	37526	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	10.59	63	150968	52.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.10%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63365	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	100005	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

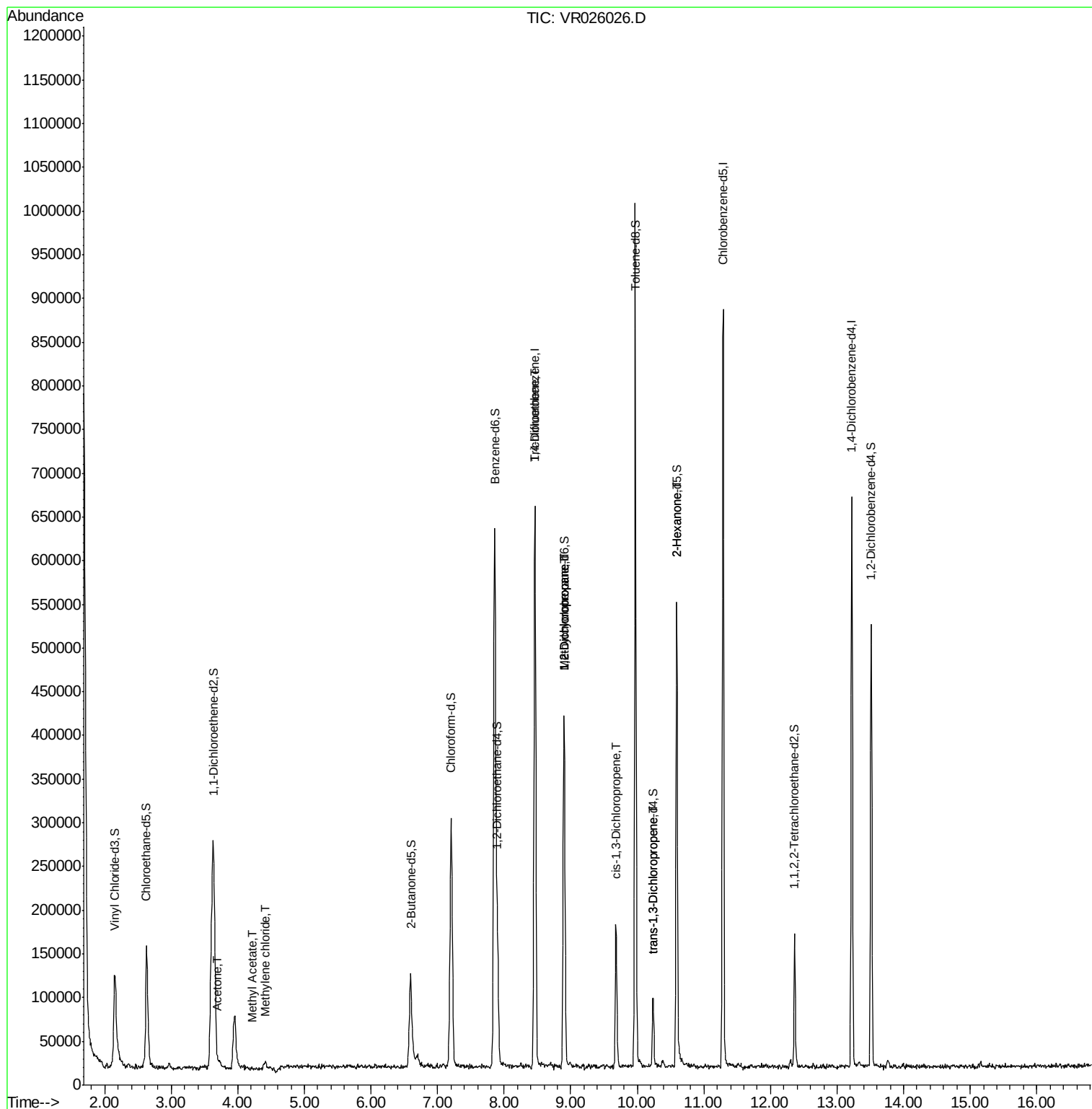
					Qvalue
13) Acetone	3.70	43	5306	1.938 ug/L	93
15) Methyl Acetate	4.20	43	898	0.118 ug/L #	58
16) Methylene chloride	4.40	84	6909	0.232 ug/L	94
34) Trichloroethene	8.46	95	16267	0.497 ug/L #	15
35) Methylcyclohexane	8.90	83	37202	0.757 ug/L #	14
37) 1,2-Dichloropropane	8.90	63	20512	0.770 ug/L #	92
39) cis-1,3-Dichloropropene	9.68	75	4917	0.165 ug/L	86
44) trans-1,3-Dichloropropene	10.24	75	2821	0.145 ug/L #	77
48) 2-Hexanone	10.59	43	22438	3.660 ug/L #	69

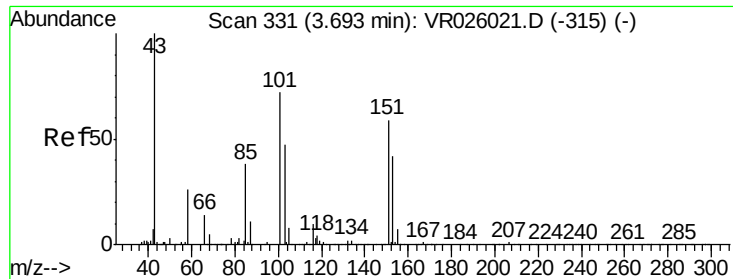
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.938 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

Lab File: VR026026.D

Acq: 10 Oct 2018 13:09

Instrument :

MSVOA_R

ClientSampleId :

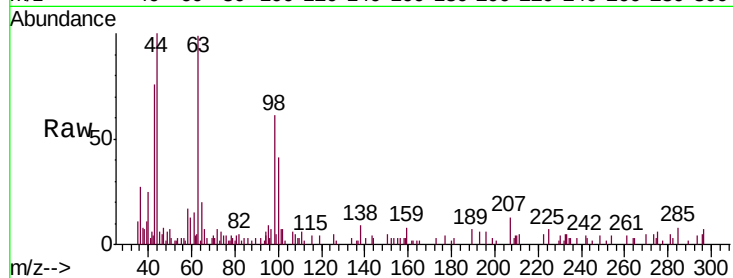
VHBLK01

Tgt Ion: 43 Resp: 5306

Ion Ratio Lower Upper

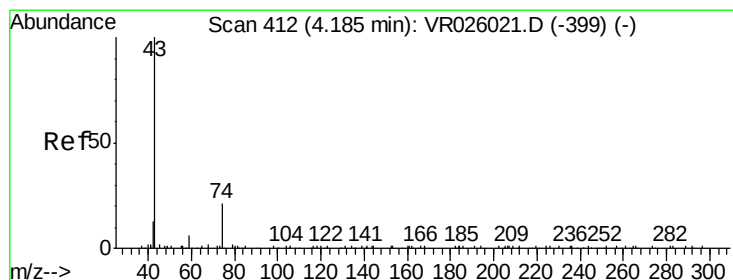
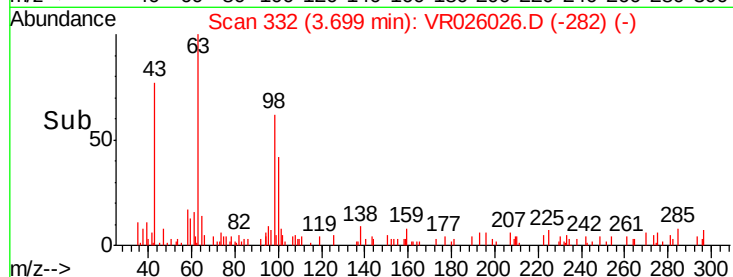
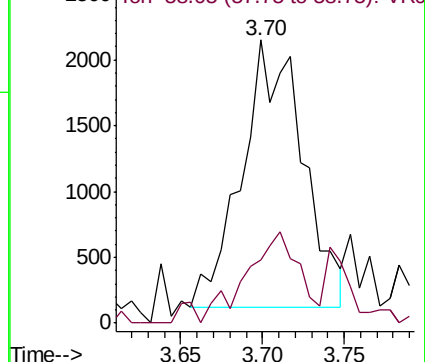
43 100

58 29.4 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.118 ug/L

RT: 4.20 min Scan# 415

Delta R.T. 0.02 min

Lab File: VR026026.D

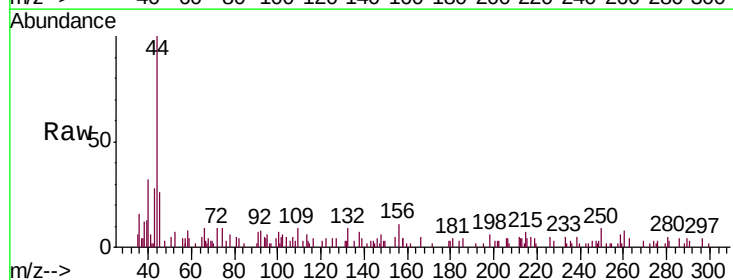
Acq: 10 Oct 2018 13:09

Tgt Ion: 43 Resp: 898

Ion Ratio Lower Upper

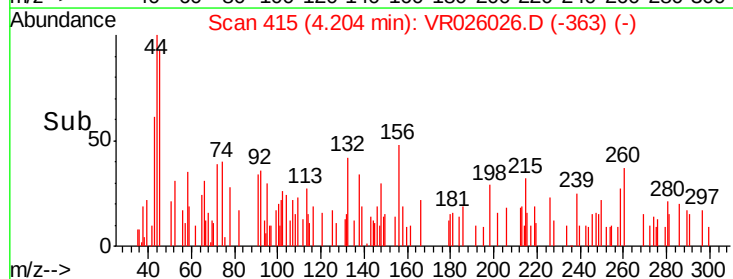
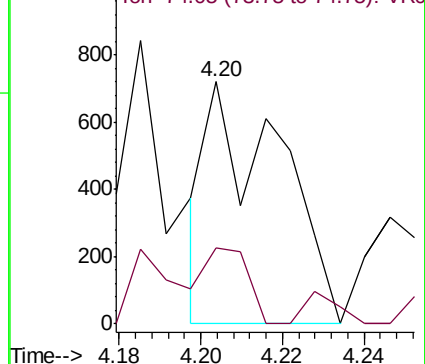
43 100

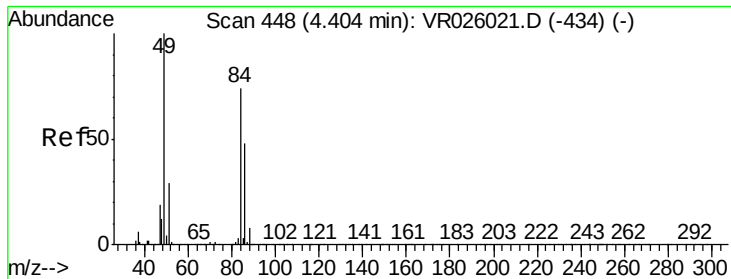
74 44.5 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

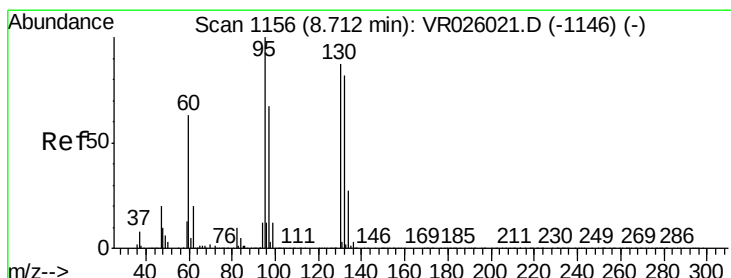
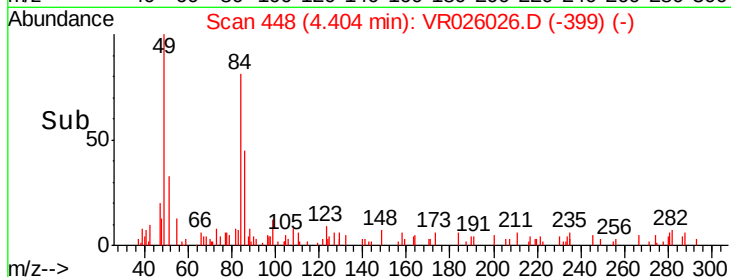
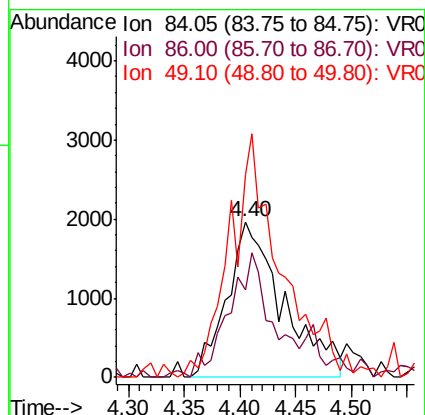
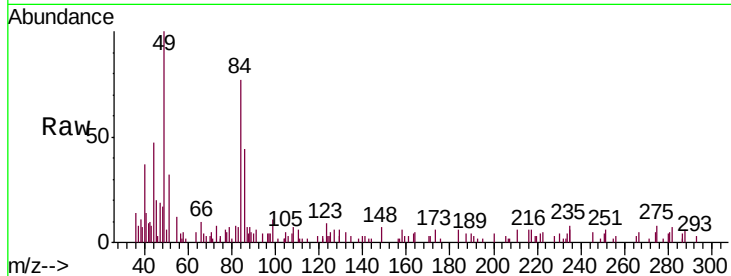




#16
Methylene chloride
Concen: 0.232 ug/L
RT: 4.40 min Scan# 448
Delta R.T. 0.00 min
Lab File: VR026026.D
Acq: 10 Oct 2018 13:09

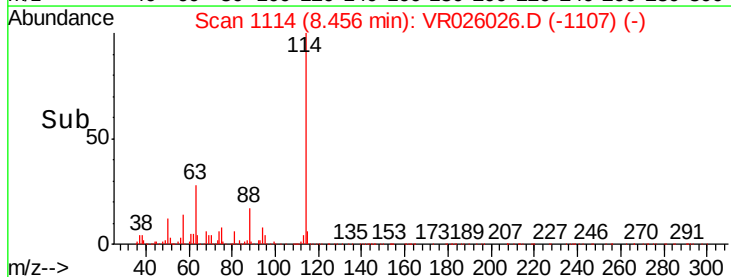
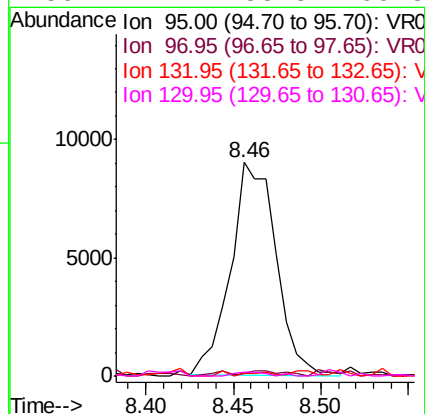
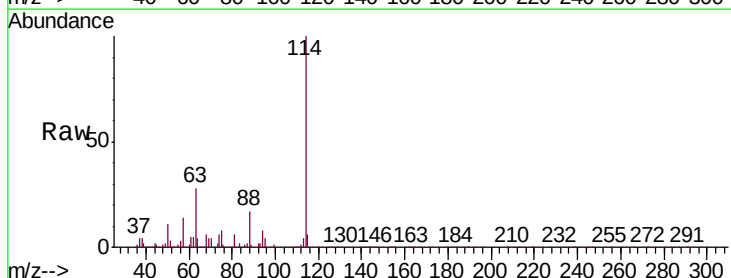
Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

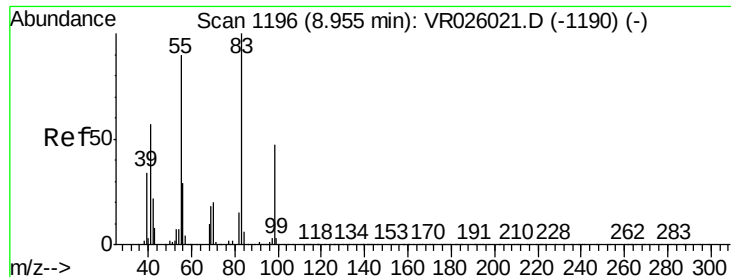
Tgt Ion: 84 Resp: 6909
Ion Ratio Lower Upper
84 100
86 56.5 43.1 80.1
49 129.7 95.5 177.3



#34
Trichloroethene
Concen: 0.497 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.26 min
Lab File: VR026026.D
Acq: 10 Oct 2018 13:09

Tgt Ion: 95 Resp: 16267
Ion Ratio Lower Upper
95 100
97 1.2 43.9 81.5#
132 1.0 53.3 98.9#
130 2.1 53.8 99.8#

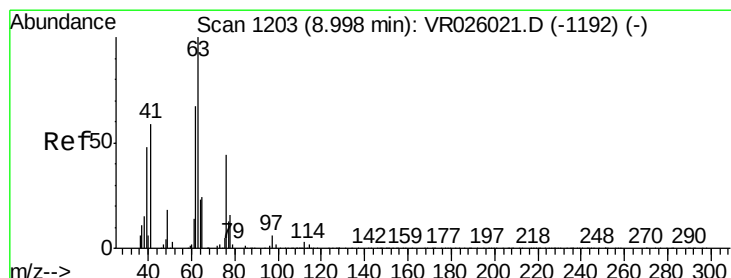
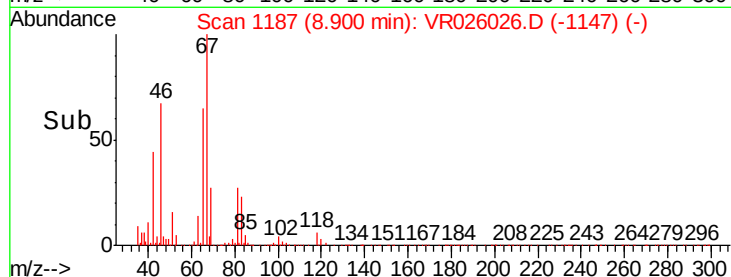
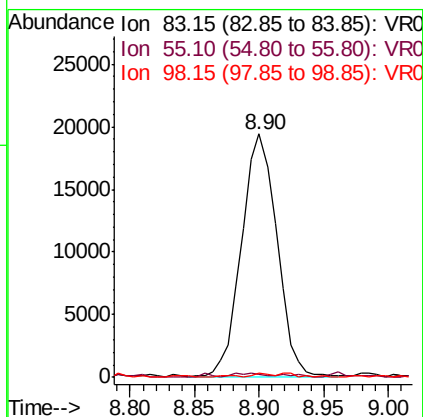
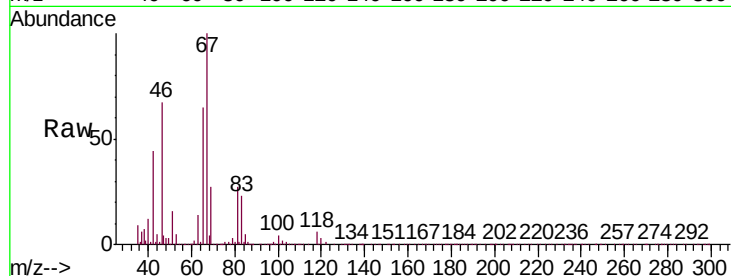




#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026026.D
Acq: 10 Oct 2018 13:09

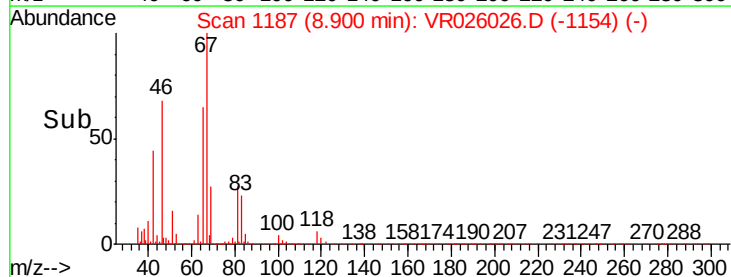
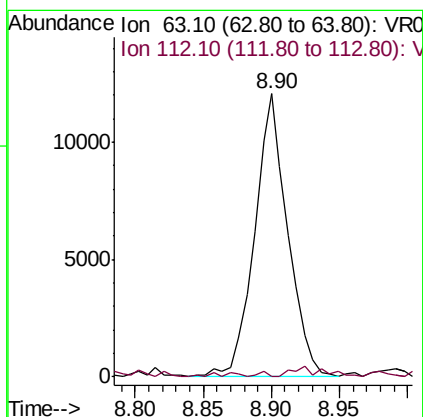
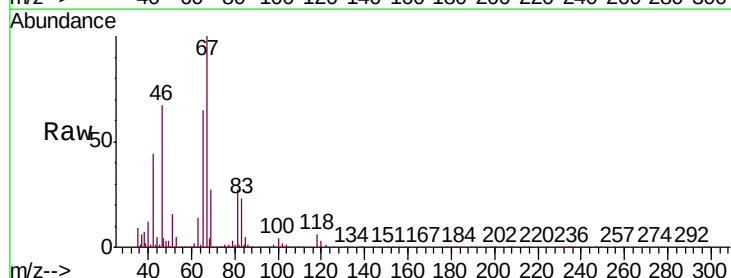
Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

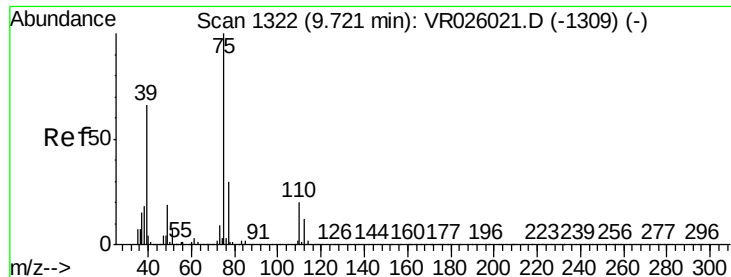
Tgt Ion: 83 Resp: 37202
Ion Ratio Lower Upper
83 100
55 0.0 71.8 107.6#
98 0.9 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.770 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026026.D
Acq: 10 Oct 2018 13:09

Tgt Ion: 63 Resp: 20512
Ion Ratio Lower Upper
63 100
112 0.6 2.5 3.7#

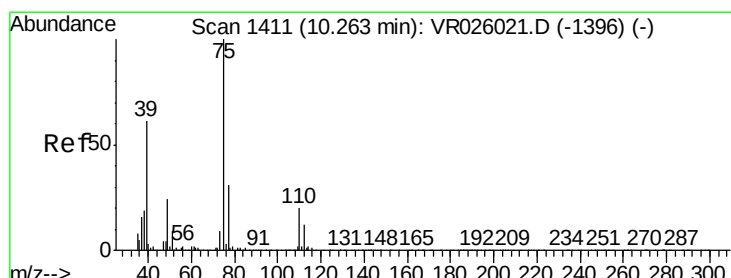
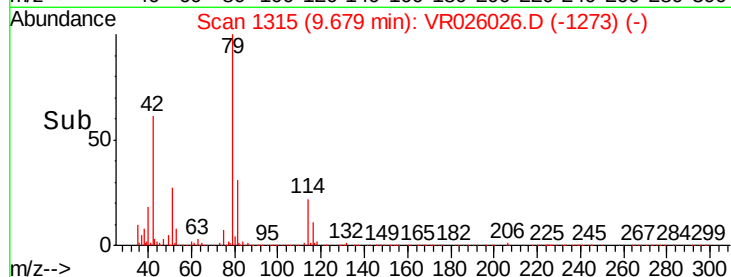
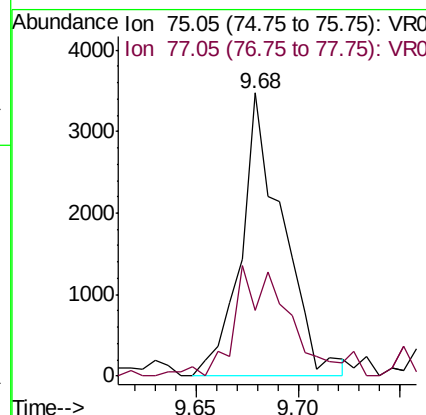
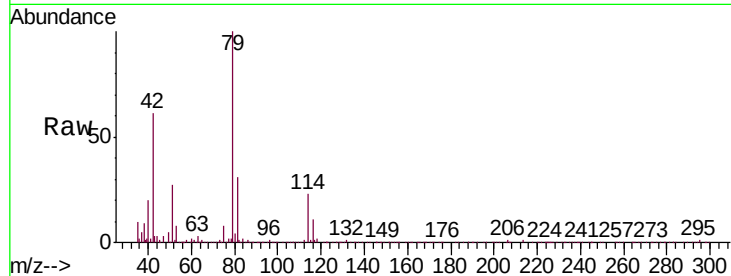




#39
 cis-1,3-Dichloropropene
 Concen: 0.165 ug/L
 RT: 9.68 min Scan# 1315
 Delta R.T. -0.04 min
 Lab File: VR026026.D
 Acq: 10 Oct 2018 13:09

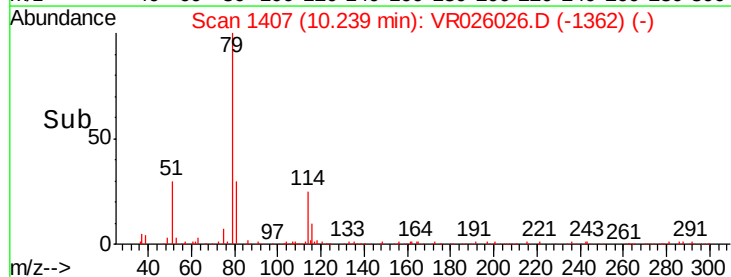
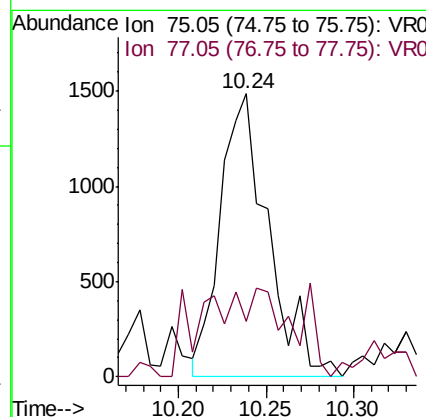
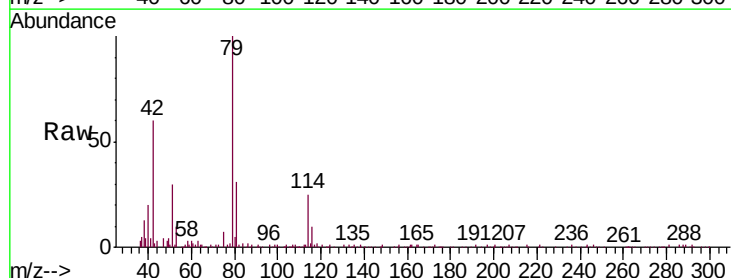
Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

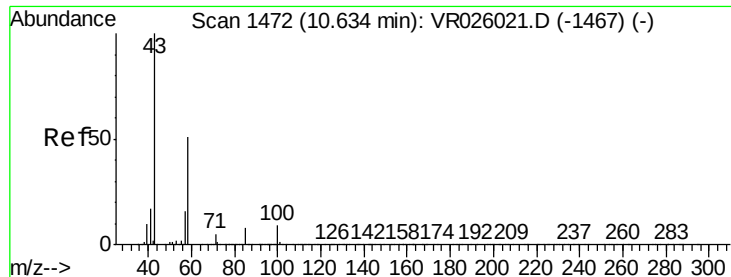
Tgt Ion: 75 Resp: 4917
 Ion Ratio Lower Upper
 75 100
 77 23.2 21.5 39.9



#44
 trans-1,3-Dichloropropene
 Concen: 0.145 ug/L
 RT: 10.24 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VR026026.D
 Acq: 10 Oct 2018 13:09

Tgt Ion: 75 Resp: 2821
 Ion Ratio Lower Upper
 75 100
 77 19.7 23.0 42.8#





#48

2-Hexanone

Concen: 3.660 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026026.D

Acq: 10 Oct 2018 13:09

Instrument :

MSVOA_R

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 22438

Ion Ratio Lower Upper

43 100

58 24.1 39.5 59.3#

57 27.6 14.6 21.8#

100 1.9 6.7 10.1#

