

Data File : VR026025.D
Acq On : 10 Oct 2018 12:36
Operator : SY/MD
Sample : J5276-21
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

Quant Time: Oct 11 04:14:36 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	513765	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	429198	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	146160	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	194388	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	2.63	69	165313	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	3.63	63	349011	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	6.59	46	183451	40.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.24%
24) Chloroform-d	7.20	84	275899	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	7.90	65	121977	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
32) Benzene-d6	7.85	84	571338	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	8.90	67	150278	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.00%
41) Toluene-d8	9.97	98	531178	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	10.24	79	34596	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	10.59	63	130798	39.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	55458	3.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	94629	4.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.80%

Target Compounds

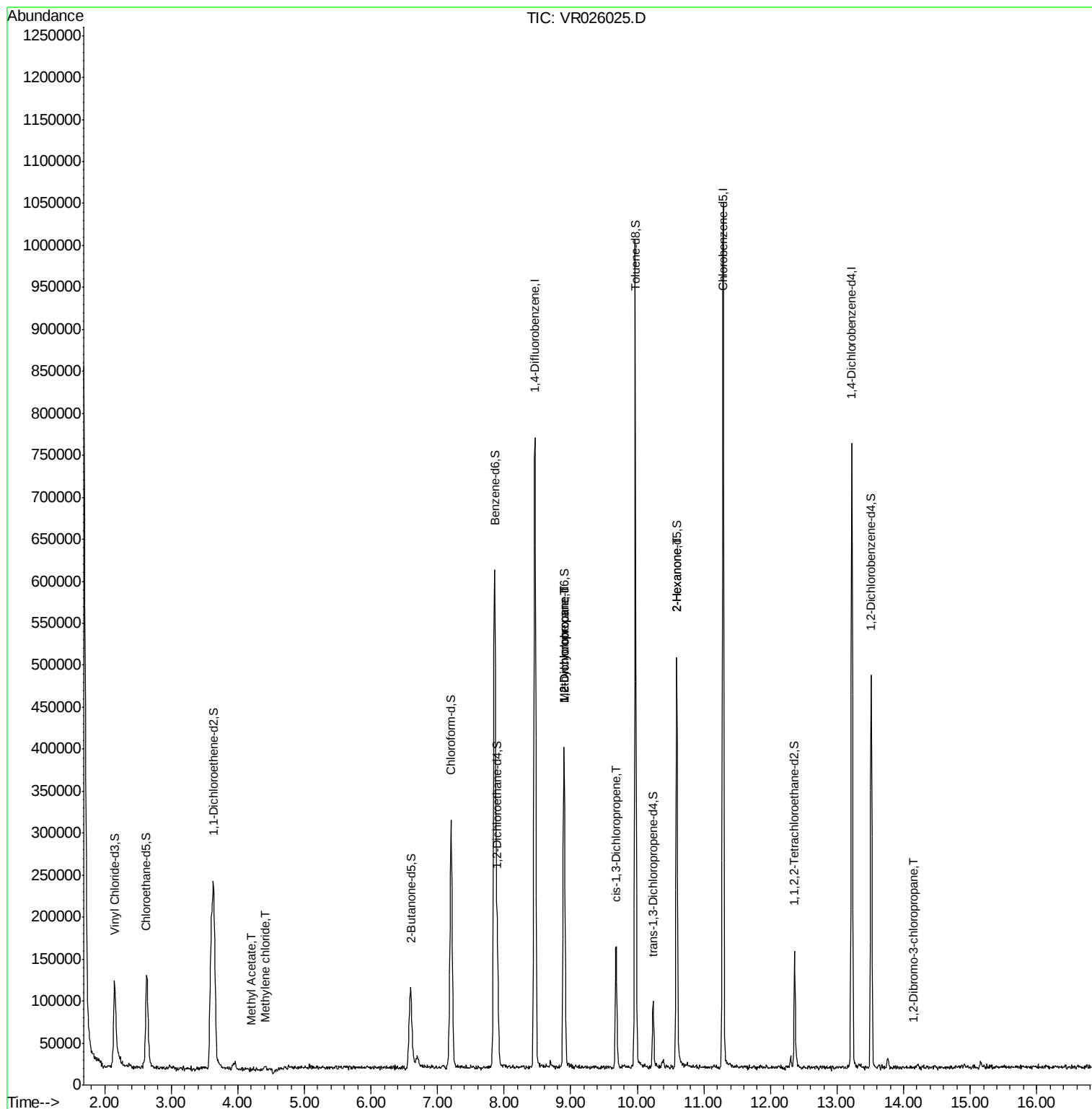
					Qvalue
15) Methyl Acetate	4.20	43	2356	0.260 ug/L	90
16) Methylene chloride	4.40	84	3762	0.105 ug/L	89
35) Methylcyclohexane	8.90	83	36123	0.633 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	19649	0.636 ug/L #	94
39) cis-1,3-Dichloropropene	9.69	75	4956	0.143 ug/L	97
48) 2-Hexanone	10.59	43	21892	3.079 ug/L #	68
66) 1,2-Dibromo-3-chloropropan	14.14	75	307	0.213 ug/L #	38

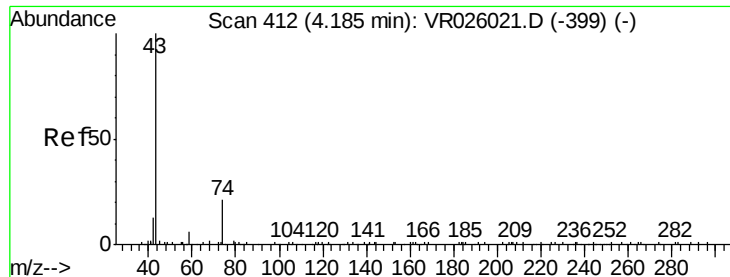
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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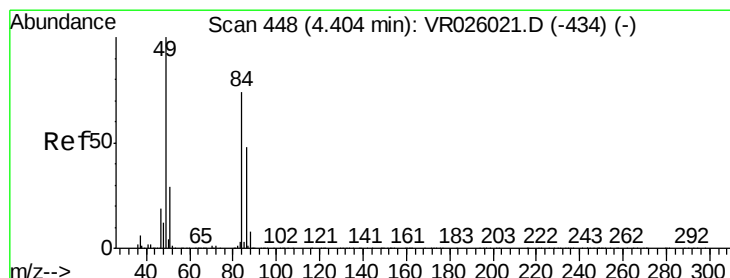
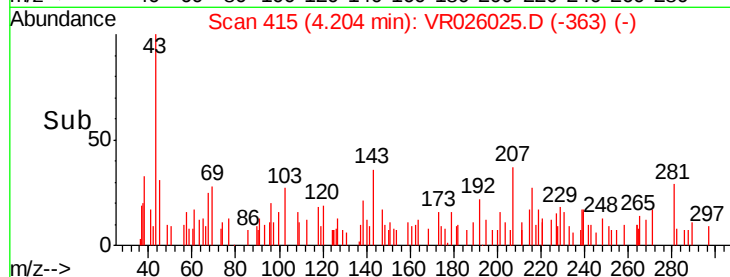
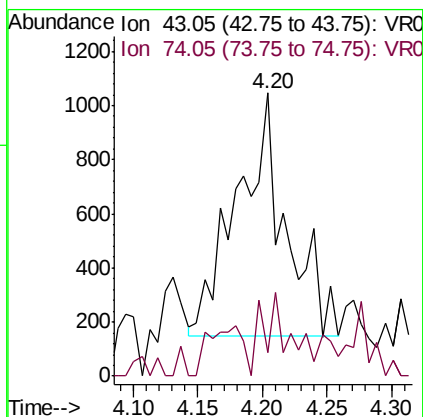
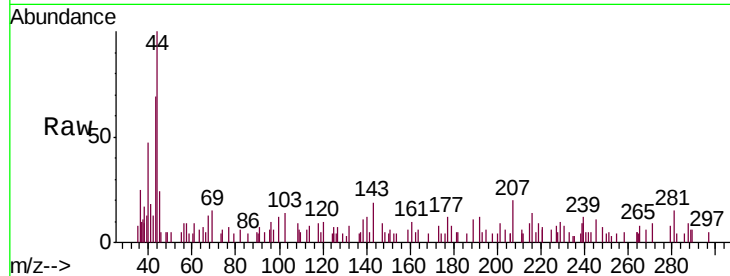




#15
Methyl Acetate
Concen: 0.260 ug/L
RT: 4.20 min Scan# 415
Delta R.T. 0.02 min
Lab File: VR026025.D
Acq: 10 Oct 2018 12:36

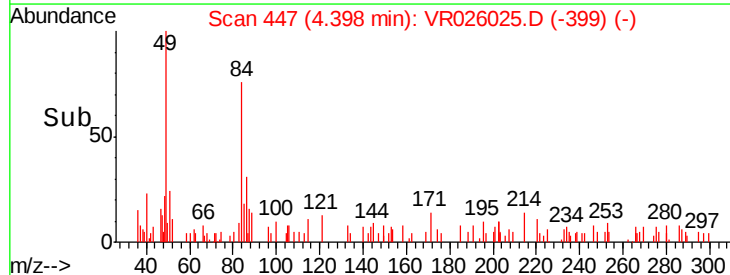
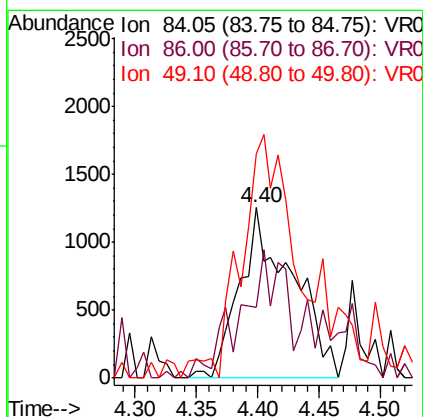
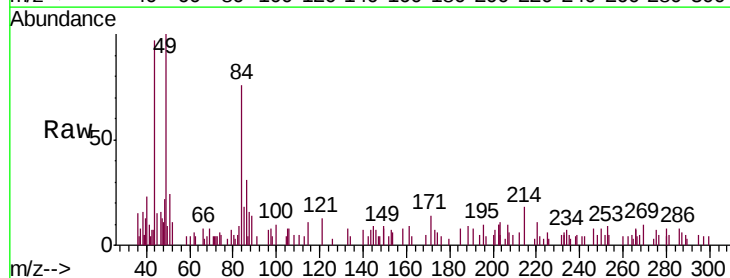
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MSVOA_R
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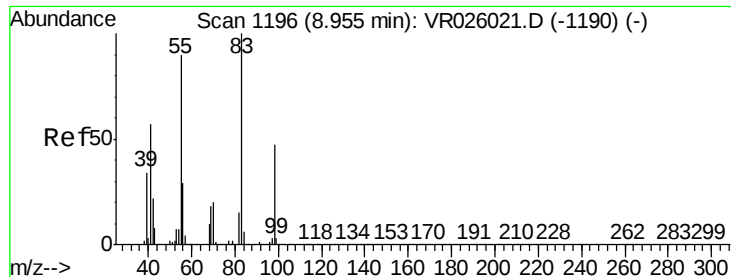
Tgt Ion: 43 Resp: 2356
Ion Ratio Lower Upper
43 100
74 19.0 19.0 28.4



#16
Methylene chloride
Concen: 0.105 ug/L
RT: 4.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: VR026025.D
Acq: 10 Oct 2018 12:36

Tgt Ion: 84 Resp: 3762
Ion Ratio Lower Upper
84 100
86 46.2 43.1 80.1
49 144.4 95.5 177.3

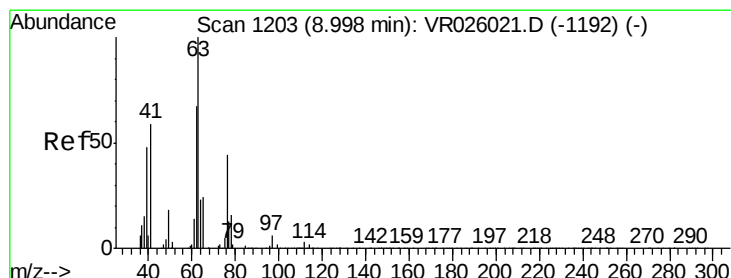
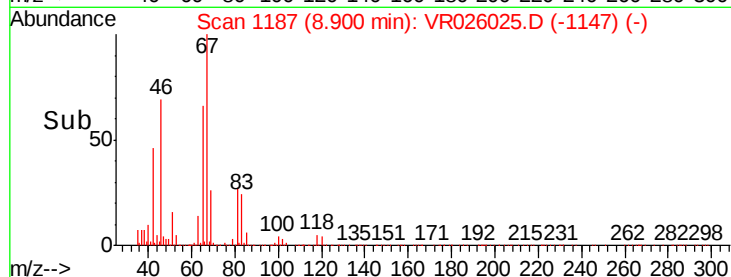
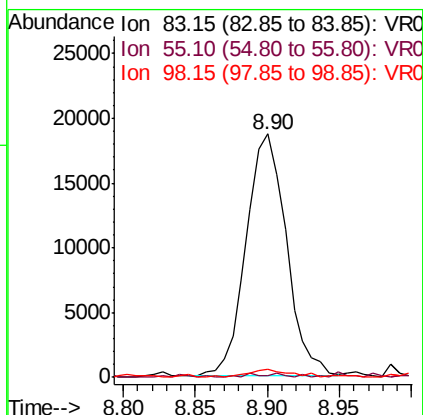
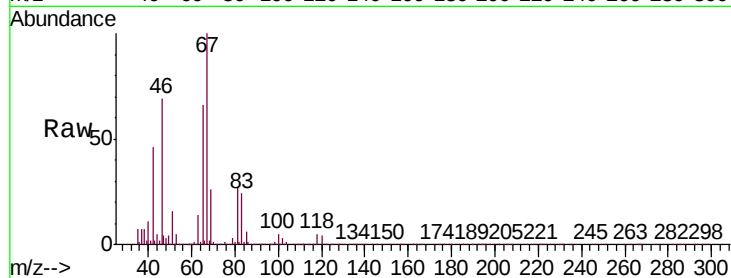




#35
Methylcyclohexane
Concen: 0.633 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026025.D
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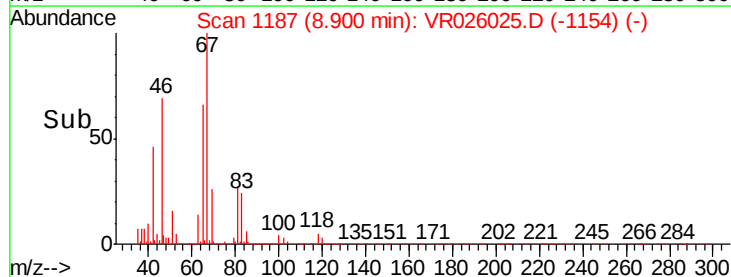
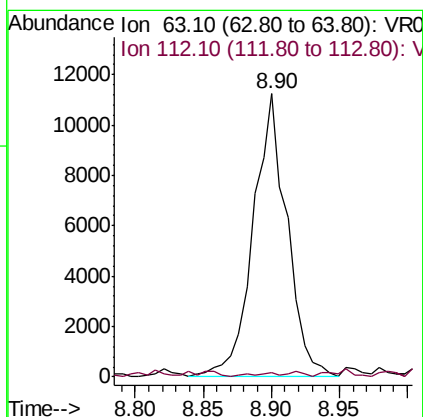
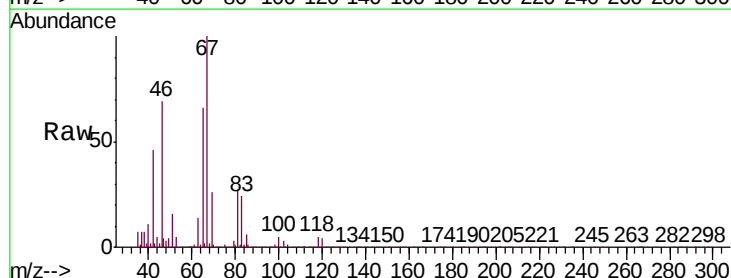
Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

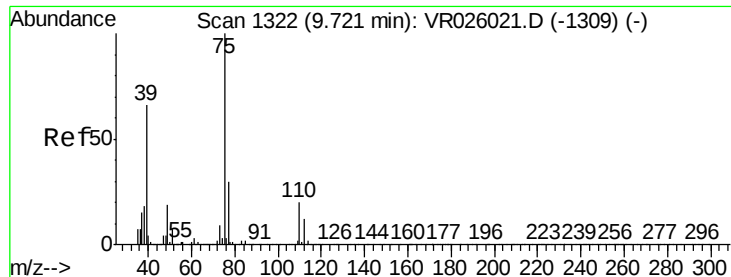
Tgt Ion: 83 Resp: 36123
Ion Ratio Lower Upper
83 100
55 0.7 71.8 107.6#
98 3.4 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.636 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026025.D
Acq: 10 Oct 2018 12:36

Tgt Ion: 63 Resp: 19649
Ion Ratio Lower Upper
63 100
112 1.2 2.5 3.7#

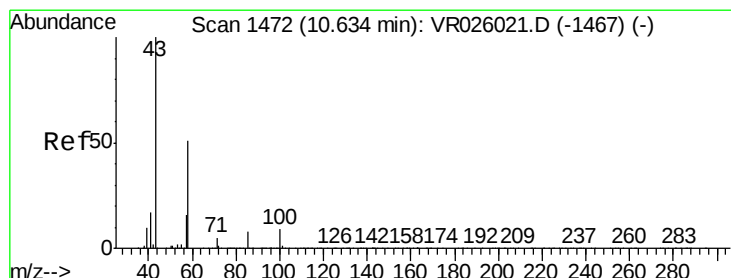
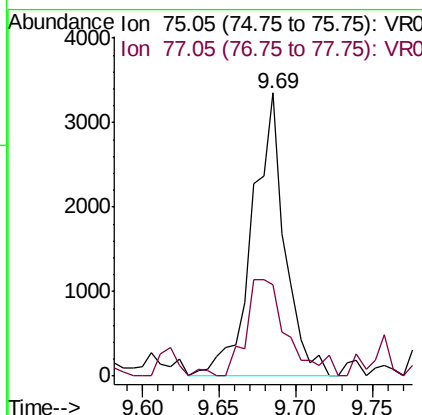
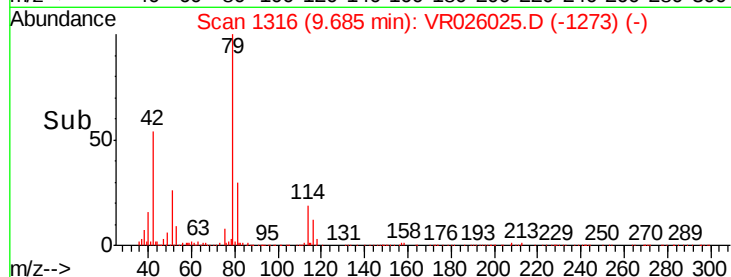
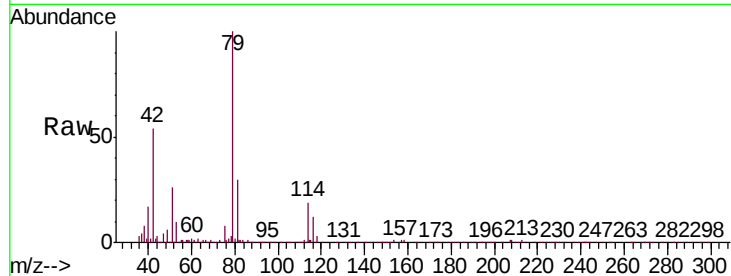




#39
 cis-1,3-Dichloropropene
 Concen: 0.143 ug/L
 RT: 9.69 min Scan# 1316
 Delta R.T. -0.04 min
 Lab File: VR026025.D
 Acq: 10 Oct 2018 12:36

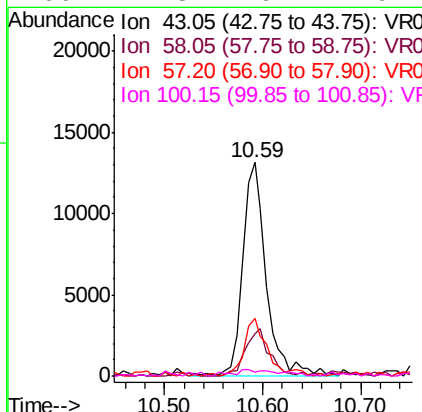
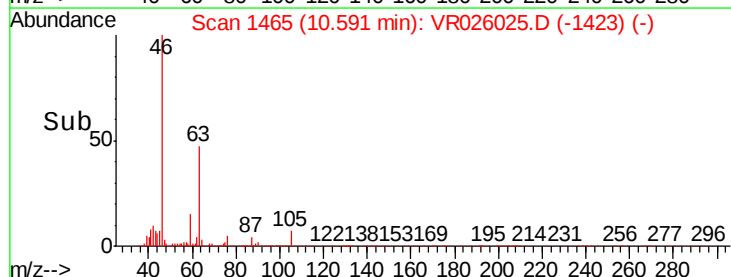
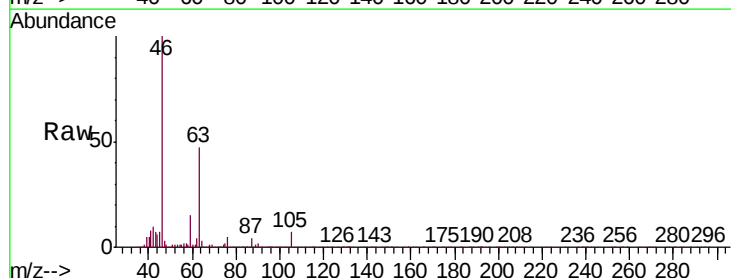
Instrument :
 MSVOA_R
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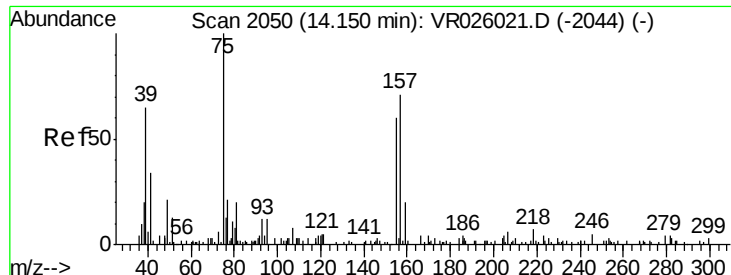
Tgt Ion: 75 Resp: 4956
 Ion Ratio Lower Upper
 75 100
 77 32.3 21.5 39.9



#48
 2-Hexanone
 Concen: 3.079 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026025.D
 Acq: 10 Oct 2018 12:36

Tgt Ion: 43 Resp: 21892
 Ion Ratio Lower Upper
 43 100
 58 22.4 39.5 59.3#
 57 25.3 14.6 21.8#
 100 1.8 6.7 10.1#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.213 ug/L
 RT: 14.14 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VR026025.D
 Acq: 10 Oct 2018 12:36

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 307
 Ion Ratio Lower Upper
 75 100
 155 72.5 37.8 56.6#
 157 0.0 49.7 74.5#

