

Data File : VR026345.D
Acq On : 20 Feb 2019 10:12
Operator : SY/MD
Sample : VR0220WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK83

Quant Time: Feb 21 07:41:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 21 07:38:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	601897	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	483886	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	140542	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	221343	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	2.63	69	199067	4.79	ug/L	0.00
Spiked Amount	7.000	Range	65 - 130	Recovery	=	68.43%
11) 1,1-Dichloroethene-d2	3.61	63	419782	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	6.59	46	167787	46.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.76%
24) Chloroform-d	7.20	84	393002	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	7.90	65	147751	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	7.85	84	752876	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	8.89	67	191240	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	9.97	98	672971	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	10.23	79	44875	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	10.59	63	128566	48.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.16%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67719	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	124248	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

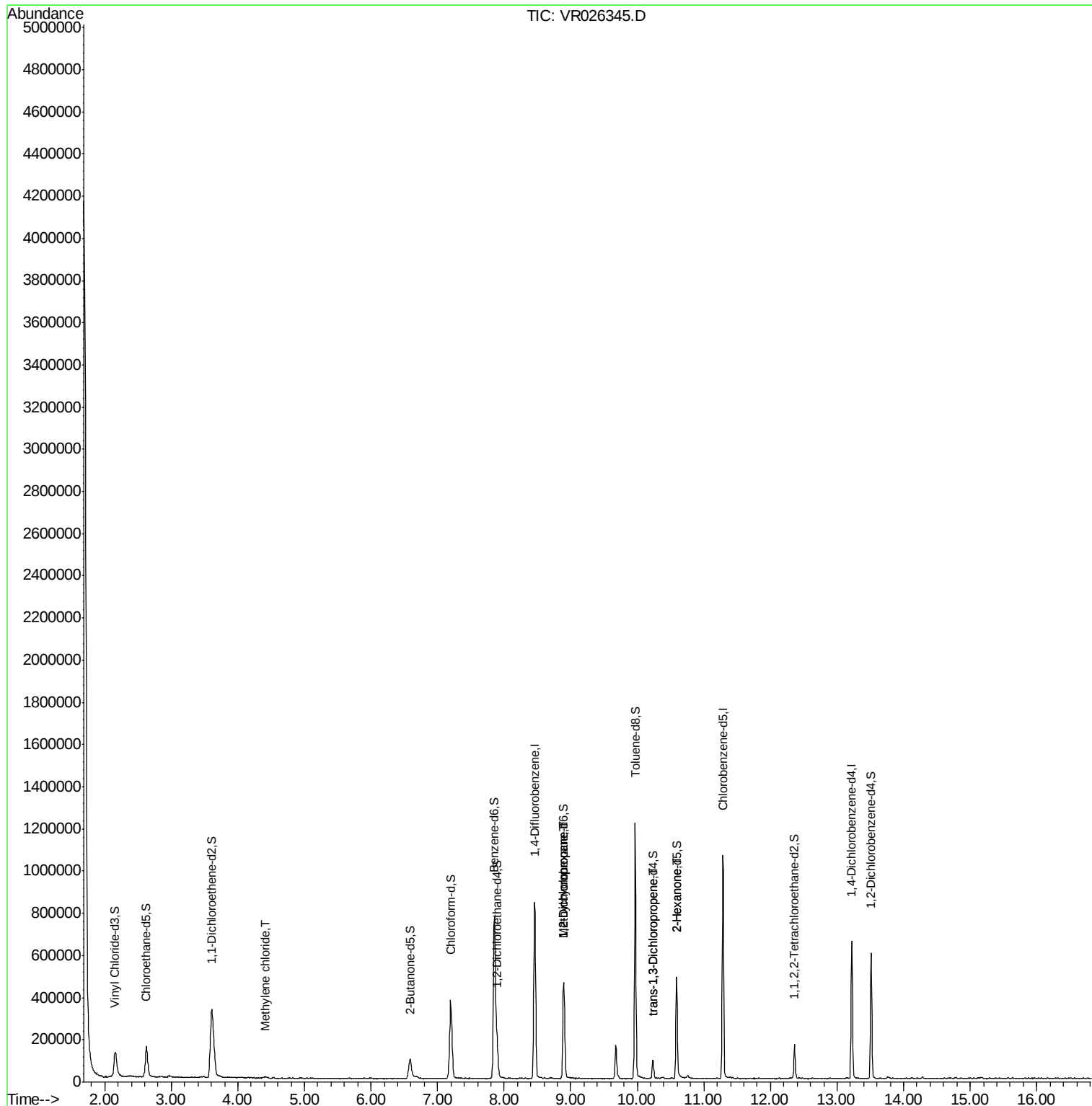
					Qvalue
16) Methylene chloride	4.41	84	4915	0.101 ug/L #	79
35) Methylcyclohexane	8.90	83	45677	0.778 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	23446	0.616 ug/L #	90
44) trans-1,3-Dichloropropene	10.23	75	3348	0.113 ug/L	87
48) 2-Hexanone	10.59	43	21494	3.151 ug/L #	77

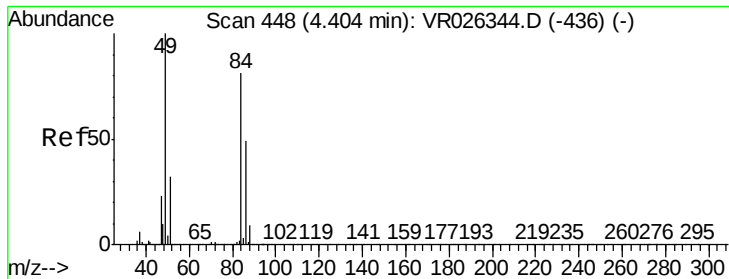
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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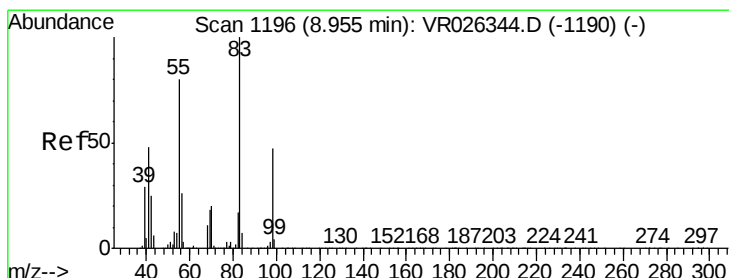
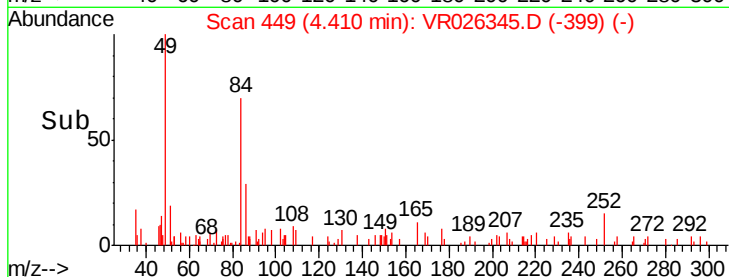
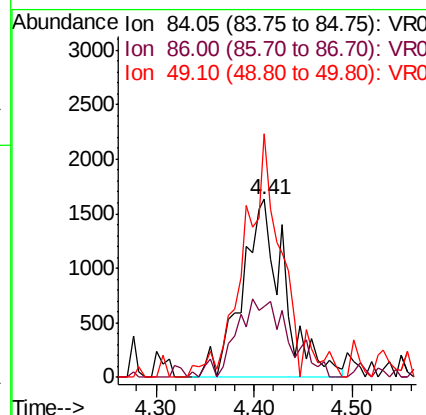
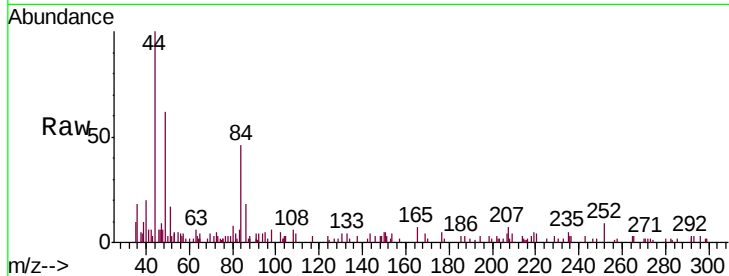




#16
Methylene chloride
Concen: 0.101 ug/L
RT: 4.41 min Scan# 449
Delta R.T. 0.01 min
Lab File: VR026345.D
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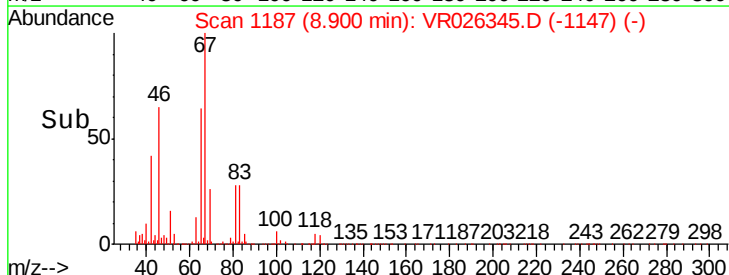
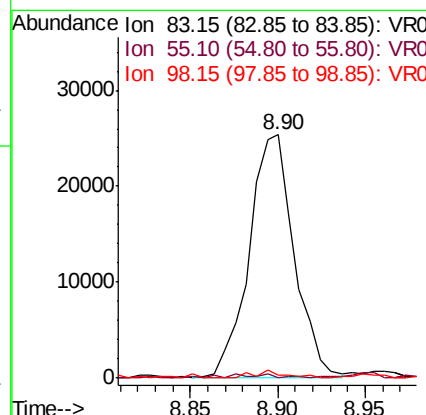
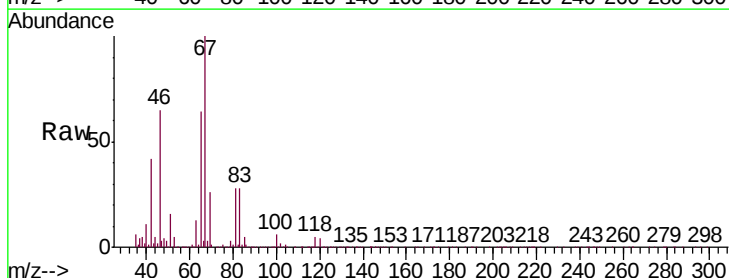
Instrument :
MSVOA_R
ClientSampleId :
VBLK83

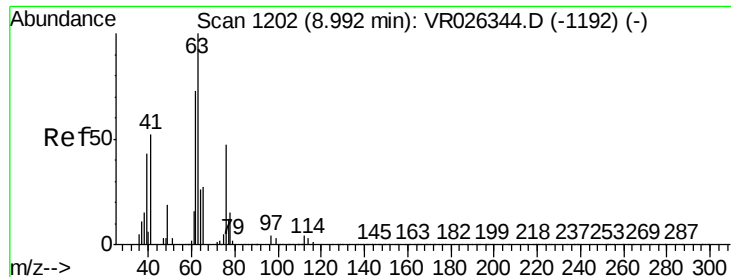
Tgt Ion: 84 Resp: 4915
Ion Ratio Lower Upper
84 100
86 39.5 41.9 77.7#
49 136.8 82.2 152.6



#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026345.D
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Tgt Ion: 83 Resp: 45677
Ion Ratio Lower Upper
83 100
55 0.7 67.3 100.9#
98 2.3 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.616 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.09 min

Lab File: VR026345.D

Acq: 20 Feb 2019 10:12

Instrument :

MSVOA_R

ClientSampleId :

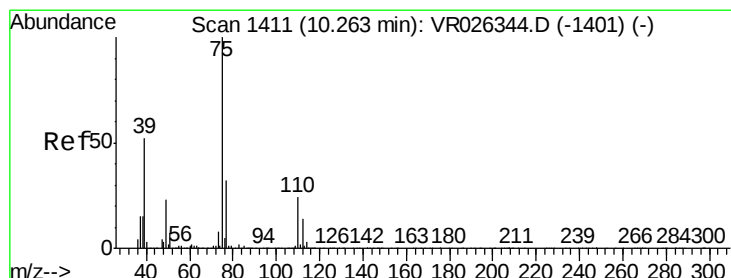
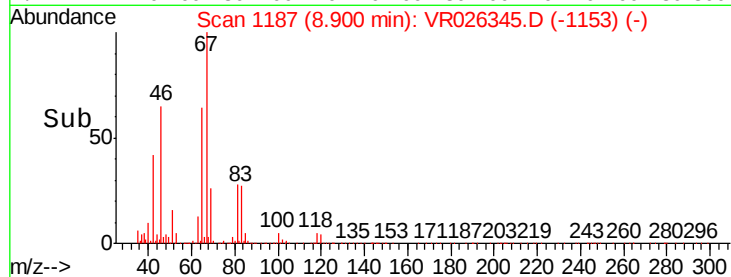
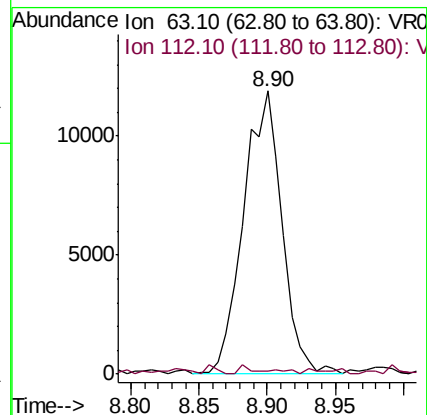
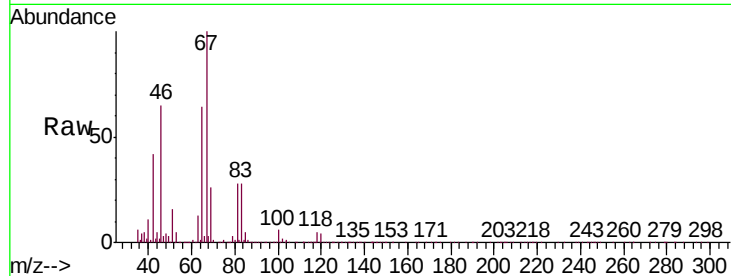
VBK83

Tgt Ion: 63 Resp: 23446

Ion Ratio Lower Upper

63 100

112 1.0 3.4 5.0#



#44

trans-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

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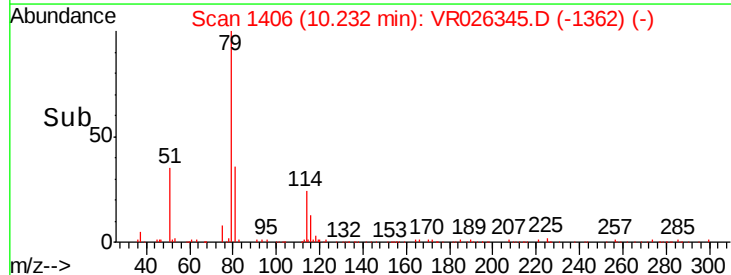
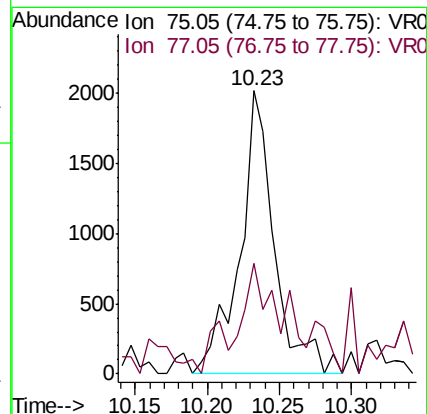
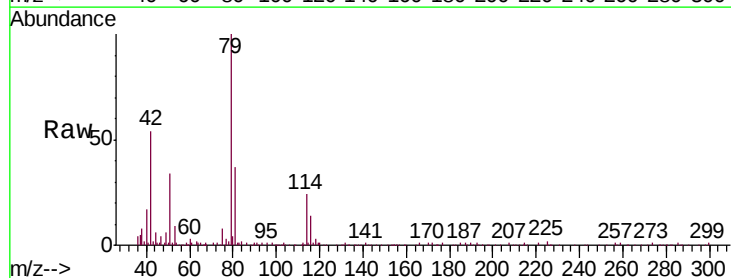
Acq: 20 Feb 2019 10:12

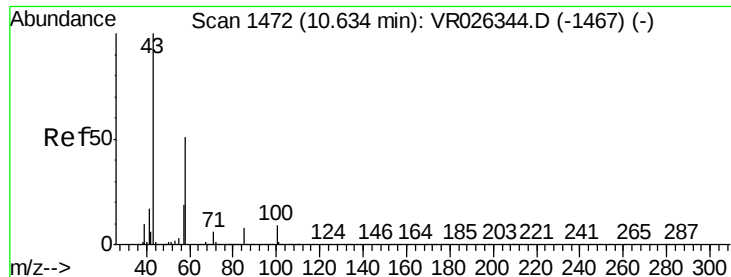
Tgt Ion: 75 Resp: 3348

Ion Ratio Lower Upper

75 100

77 39.2 22.5 41.7





#48

2-Hexanone

Concen: 3.151 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026345.D

Acq: 20 Feb 2019 10:12

Instrument :

MSVOA_R

ClientSampleId :

VBLK83

Tgt Ion: 43 Resp: 21494

Ion Ratio Lower Upper

43 100

58 32.2 39.1 58.7#

57 29.0 14.2 21.2#

100 6.1 7.6 11.4#

