

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040419\
 Data File : VR026451.D
 Acq On : 4 Apr 2019 17:33
 Operator : SY/MD
 Sample : K2271-12
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Apr 05 07:23:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 05 07:16:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	450092	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	383269	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	116017	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	170785	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	2.62	69	150941	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	3.60	63	346037	3.91	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	6.58	46	164414	53.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.84%
24) Chloroform-d	7.20	84	319062	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	7.89	65	135372	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	7.85	84	573081	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	8.89	67	155046	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	9.97	98	523901	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	10.23	79	34624	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	10.59	63	130670	57.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.82%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	58158	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	99617	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

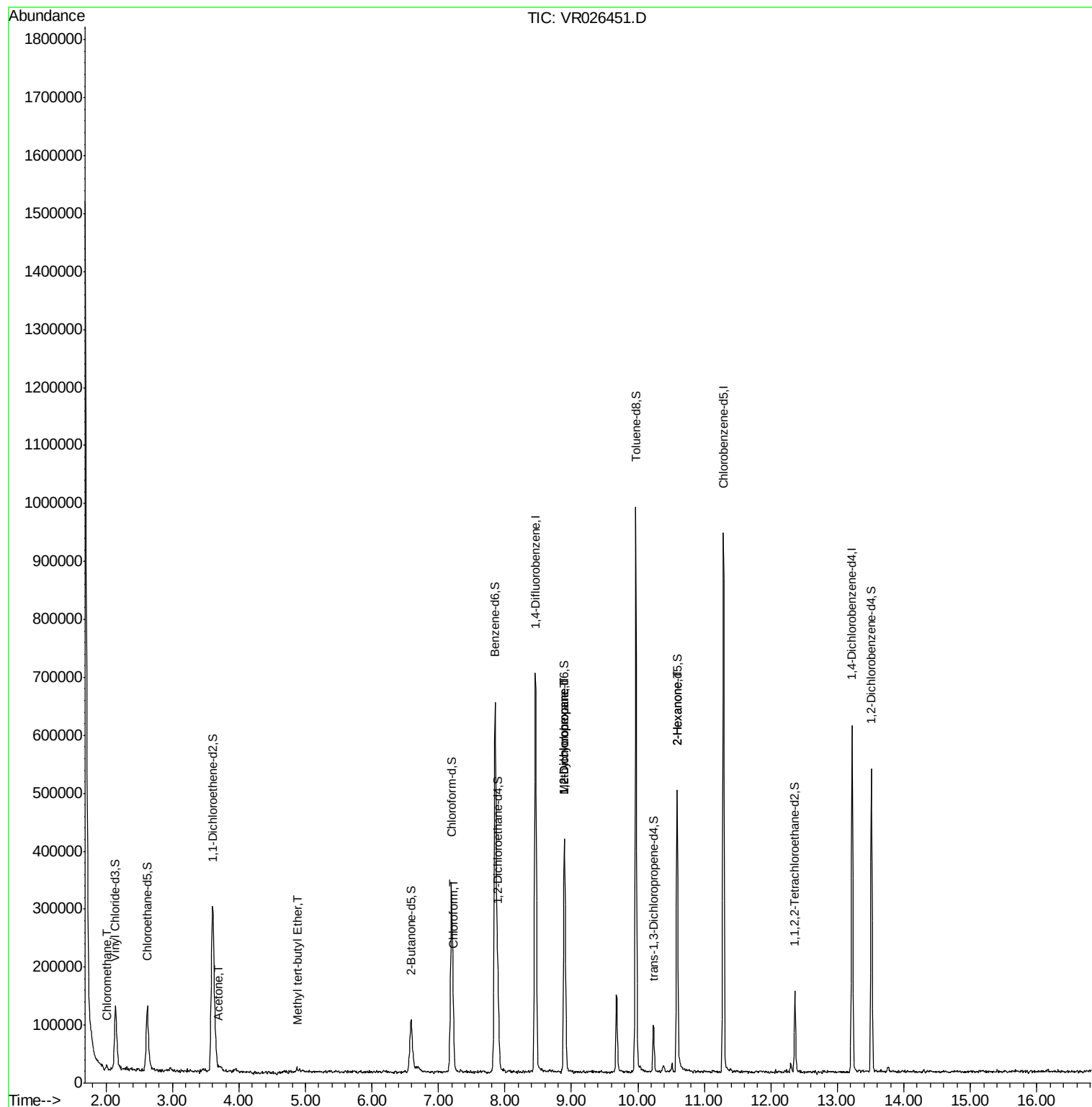
					Ovalue
3) Chloromethane	2.01	50	8851	0.182 ug/L #	82
13) Acetone	3.69	43	8930	2.898 ug/L	92
17) Methyl tert-butyl Ether	4.89	73	6087	0.134 ug/L #	86
25) Chloroform	7.23	83	7225	0.108 ug/L	95
35) Methylcyclohexane	8.89	83	38552	0.674 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	19821	0.604 ug/L #	94
48) 2-Hexanone	10.59	43	22854	3.572 ug/L #	70

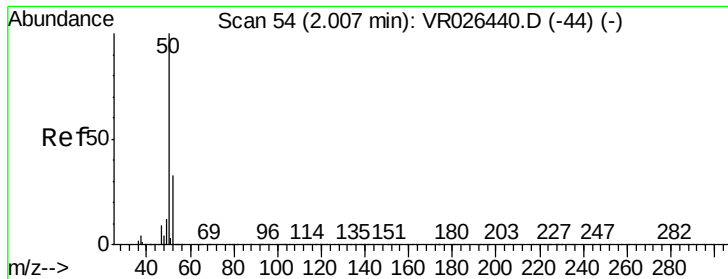
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.182 ug/L

RT: 2.01 min Scan# 54

Delta R.T. 0.00 min

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Acq: 4 Apr 2019 17:33

Instrument :

MSVOA_R

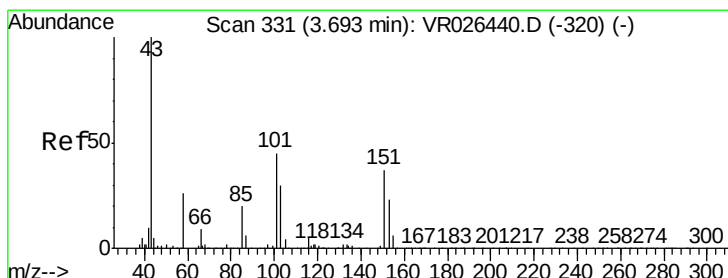
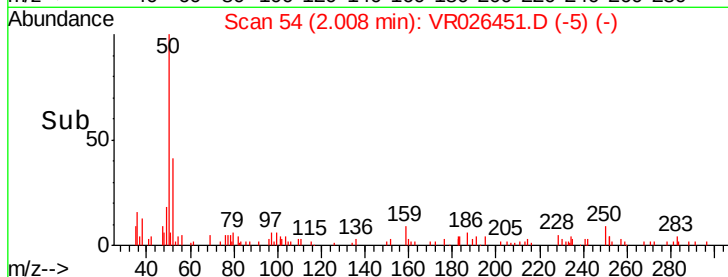
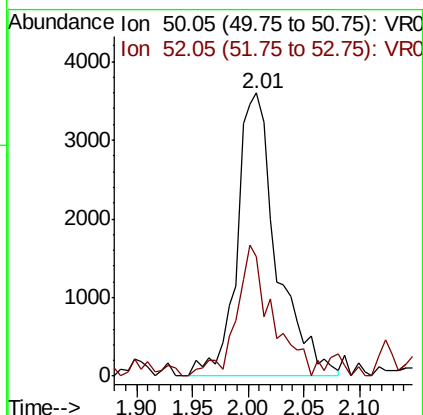
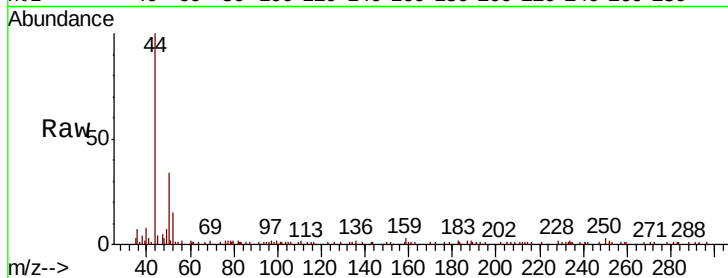
ClientSampled :

Tot Ion: 50 Resp: 8851

Ion Ratio Lower Upper

50 100

52 42.3 22.5 41.9#



#13

Acetone

Concen: 2.898 ug/L

RT: 3.69 min Scan# 331

Delta R.T. 0.00 min

Lab File: VR026451.D

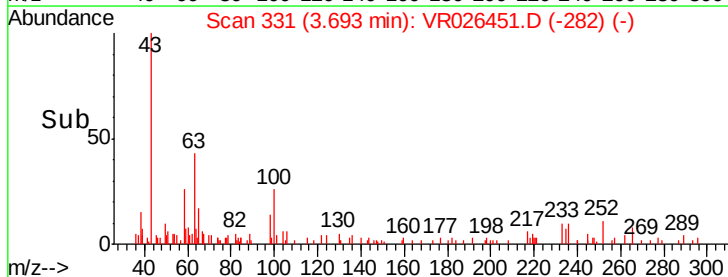
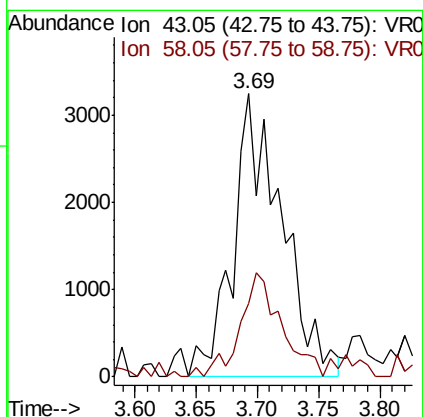
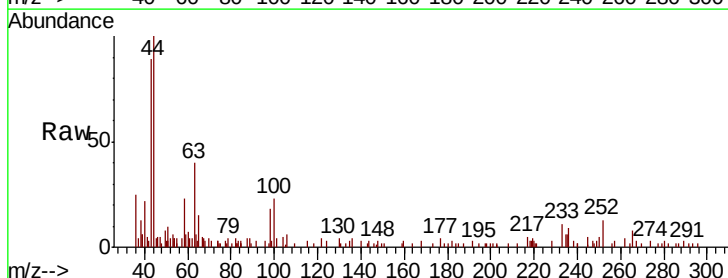
Acq: 4 Apr 2019 17:33

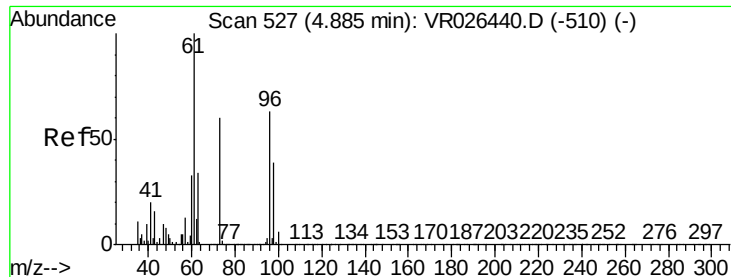
Tgt Ion: 43 Resp: 8930

Ion Ratio Lower Upper

43 100

58 31.3 0.0 53.8

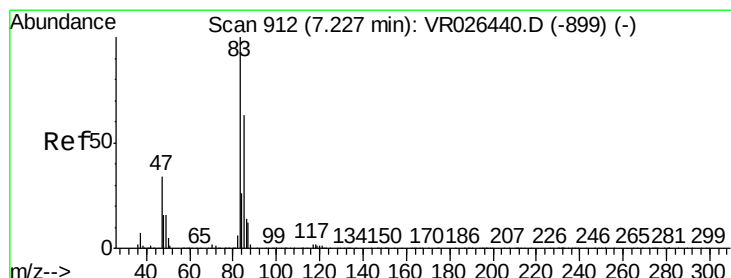
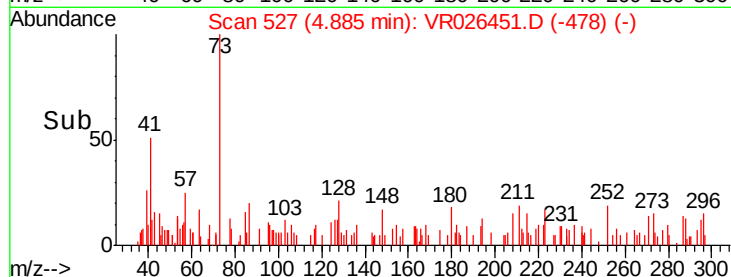
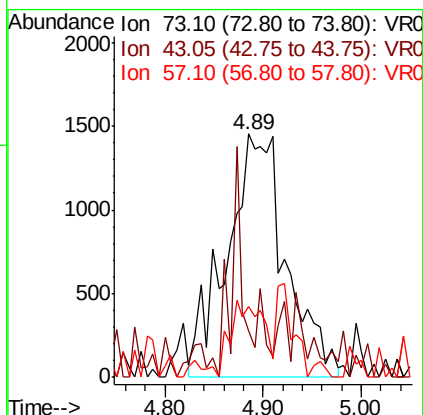
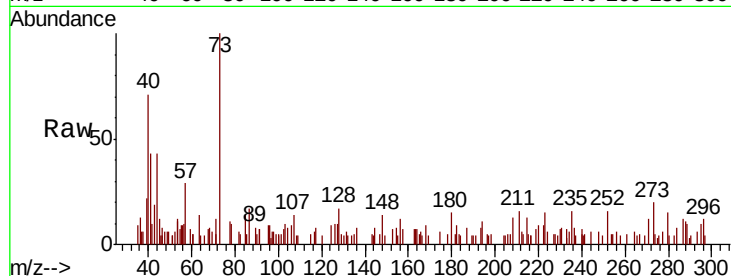




#17
Methyl tert-butyl Ether
Concen: 0.134 ug/L
RT: 4.89 min Scan# 527
Delta R.T. 0.00 min
Lab File: VR026451.D
Acq: 4 Apr 2019 17:33

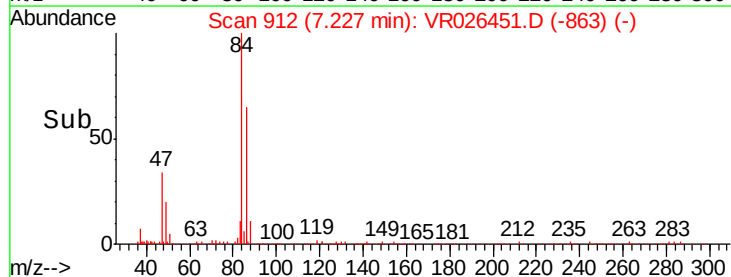
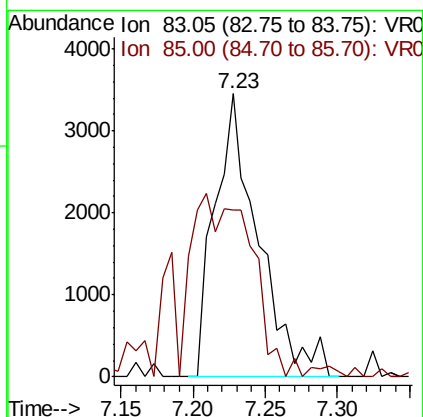
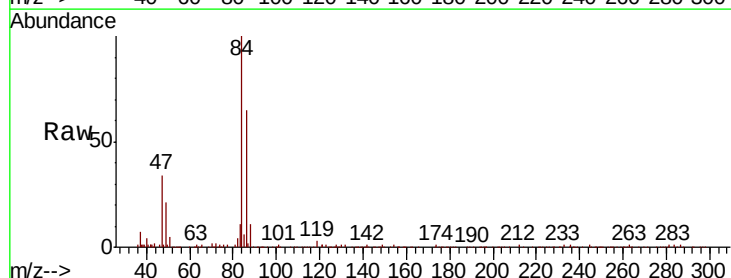
Instrument :
MSVOA_R
ClientSampleId :

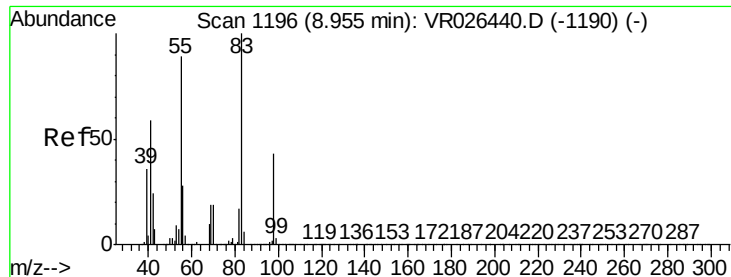
Tot Ion: 73 Resp: 6087
Ion Ratio Lower Upper
73 100
43 16.6 19.8 29.8#
57 17.8 18.9 28.3#



#25
Chloroform
Concen: 0.108 ug/L
RT: 7.23 min Scan# 912
Delta R.T. 0.00 min
Lab File: VR026451.D
Acq: 4 Apr 2019 17:33

Tgt Ion: 83 Resp: 7225
Ion Ratio Lower Upper
83 100
85 59.0 44.2 82.0





#35

Methylcyclohexane

Concen: 0.674 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR026451.D

Acq: 4 Apr 2019 17:33

Instrument :
MSVOA_R
ClientSampleId :

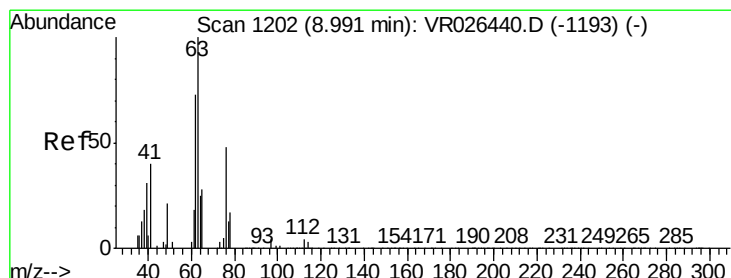
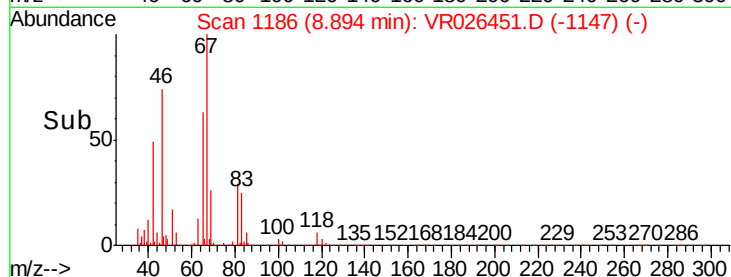
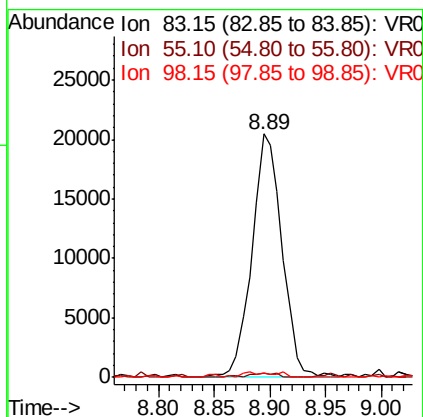
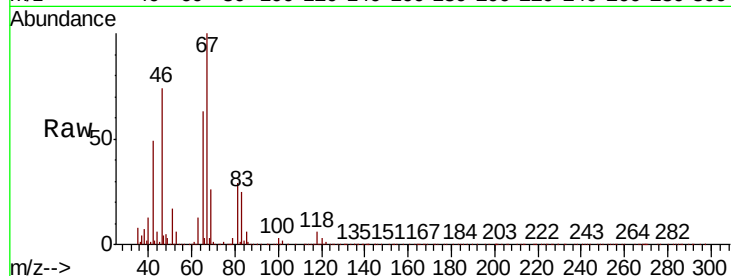
Tot Ion: 83 Resp: 38552

Ion Ratio Lower Upper

83 100

55 1.7 73.8 110.6#

98 1.7 34.6 51.8#



#37

1,2-Dichloropropane

Concen: 0.604 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR026451.D

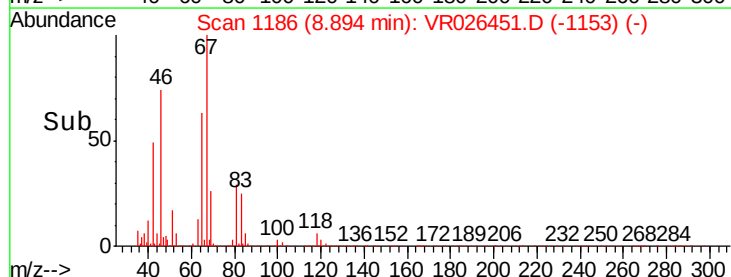
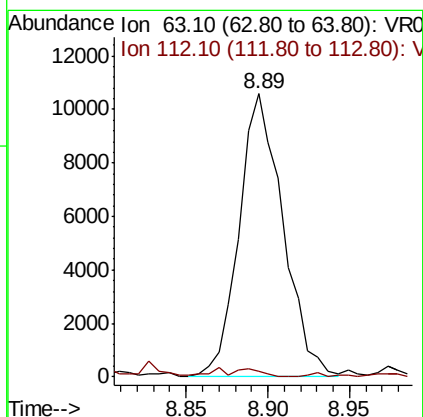
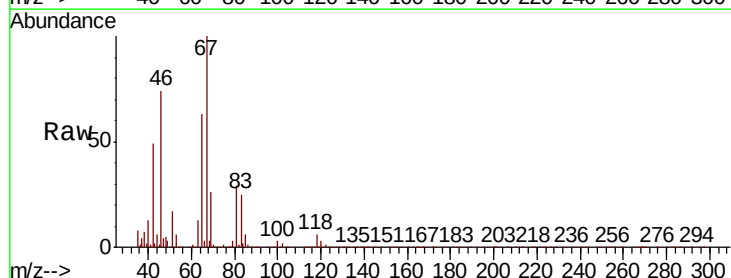
Acq: 4 Apr 2019 17:33

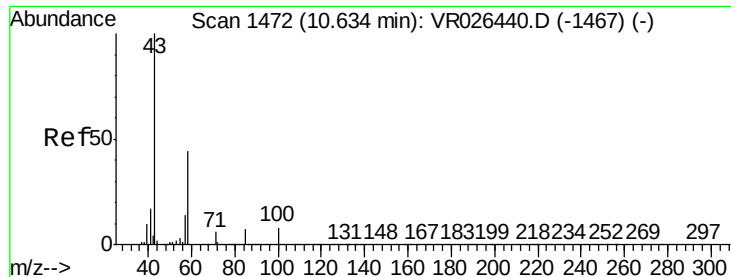
Tgt Ion: 63 Resp: 19821

Ion Ratio Lower Upper

63 100

112 1.7 2.8 4.2#





#48

2-Hexanone

Concen: 3.572 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

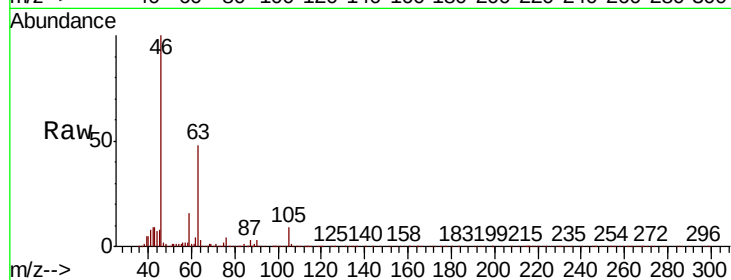
Lab File: VR026451.D

Acq: 4 Apr 2019 17:33

Instrument :

MSVOA_R

ClientSampleId :



Tot Ion:	43	Resp:	22854
Ion	Ratio	Lower	Upper
43	100		
58	24.7	38.2	57.2#
57	29.3	13.8	20.6#
100	5.1	6.2	9.2#

