

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR040619\
 Data File : VR026477.D
 Acq On : 6 Apr 2019 15:31
 Operator : SY/MD
 Sample : K2271-23
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DB7E4

Quant Time: Apr 06 23:36:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 06 23:34:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	417799	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	341065	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	98596	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	175133	5.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.40%
7) Chloroethane-d5	2.63	69	144964	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	3.60	63	348426	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	6.59	46	150079	53.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.06%
24) Chloroform-d	7.20	84	315325	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	7.89	65	133346	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	7.85	84	582177	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	8.89	67	153468	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	9.97	98	520322	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
43) trans-1,3-Dichloropropene-	10.23	79	33551	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	10.59	63	119313	59.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.84%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	57340	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	96810	6.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.60%#

Target Compounds

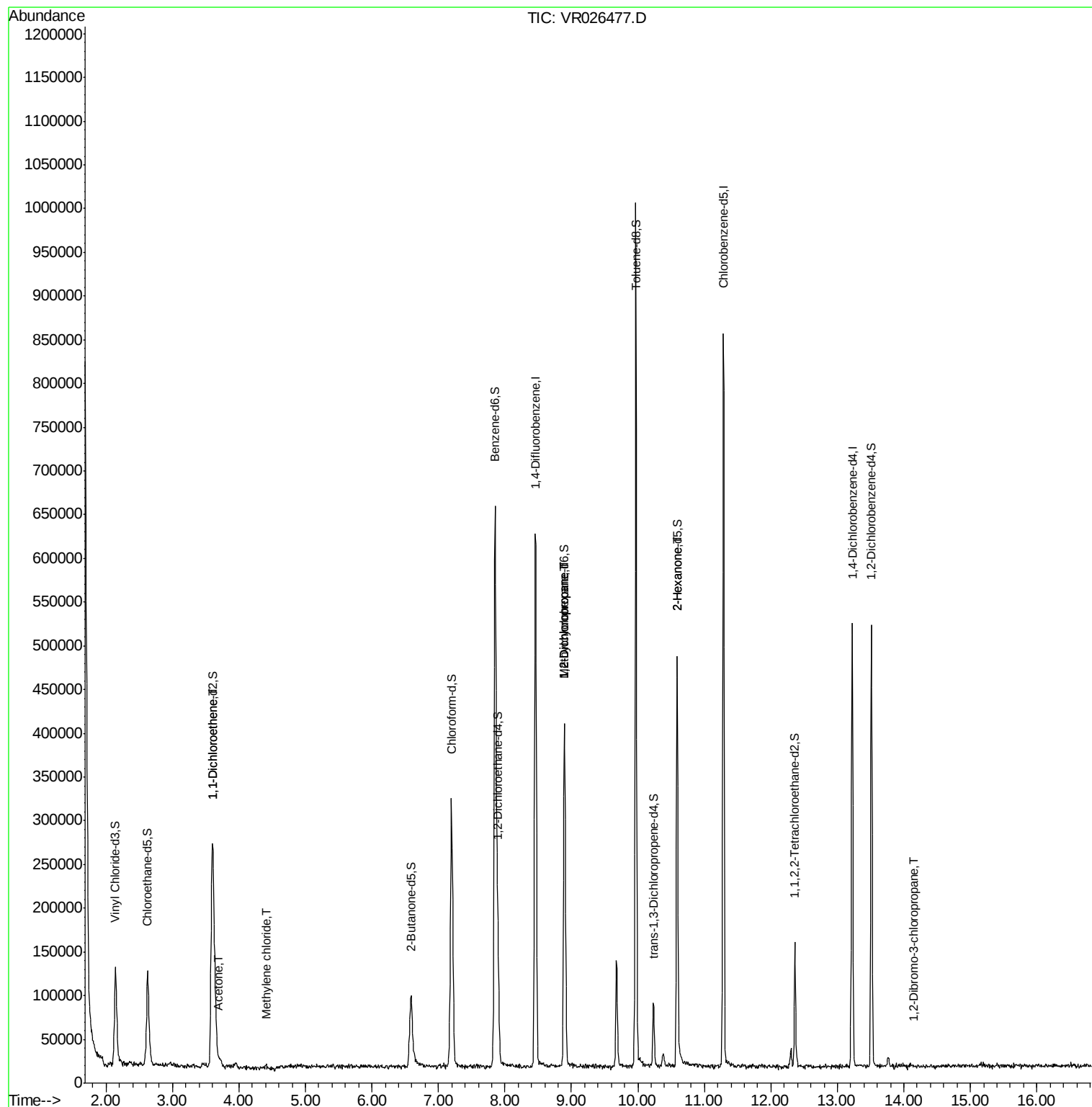
					Qvalue
12) 1,1-Dichloroethene	3.61	96	3644	0.098 ug/L #	1
13) Acetone	3.69	43	11073	3.872 ug/L	81
16) Methylene chloride	4.40	84	3874	0.118 ug/L #	37
35) Methylcyclohexane	8.89	83	37764	0.742 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	21206	0.726 ug/L #	92
48) 2-Hexanone	10.59	43	21282	3.738 ug/L #	74
66) 1,2-Dibromo-3-chloropropan	14.15	75	221	0.219 ug/L #	27

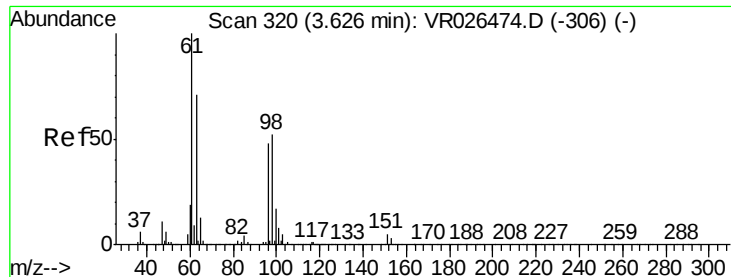
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 06 23:34:06 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.098 ug/L

RT: 3.61 min Scan# 317

Delta R.T. -0.01 min

Lab File: VR026477.D

Acq: 6 Apr 2019 15:31

Instrument :

MSVOA_R

ClientSampleId :

DB7E4

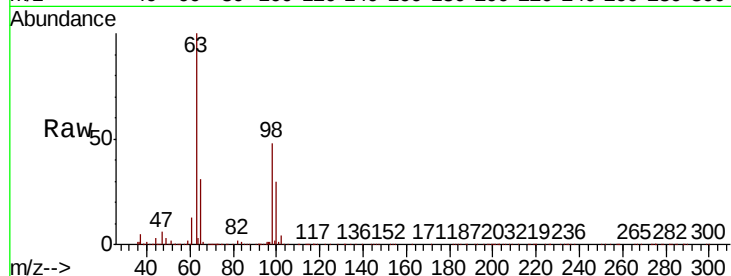
Tgt Ion: 96 Resp: 3644

Ion Ratio Lower Upper

96 100

61 939.1 142.7 264.9#

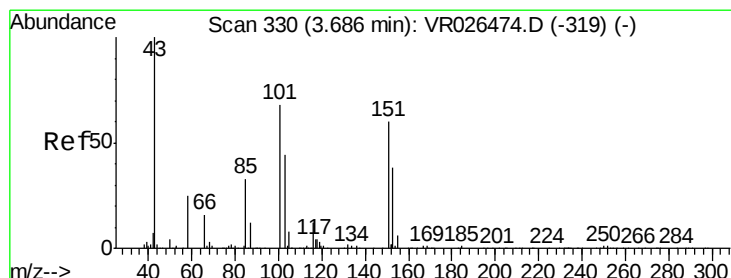
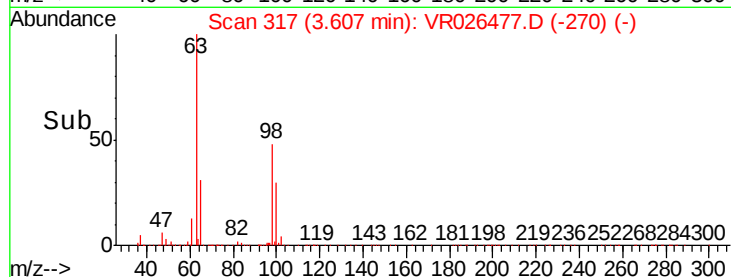
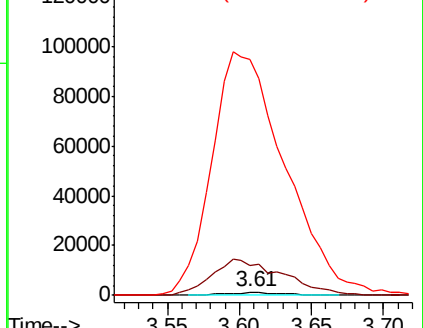
63 7346.1 116.9 217.1#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#13

Acetone

Concen: 3.872 ug/L

RT: 3.69 min Scan# 331

Delta R.T. 0.01 min

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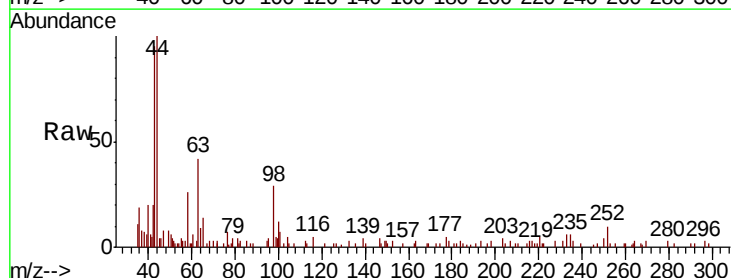
Acq: 6 Apr 2019 15:31

Tgt Ion: 43 Resp: 11073

Ion Ratio Lower Upper

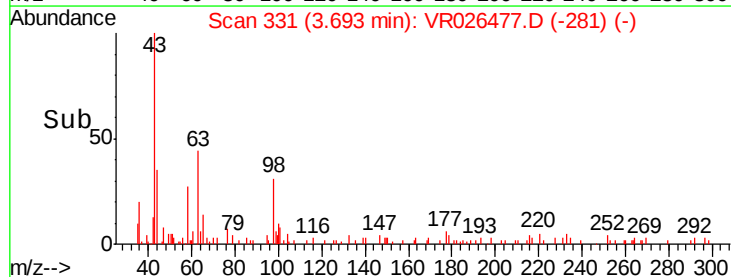
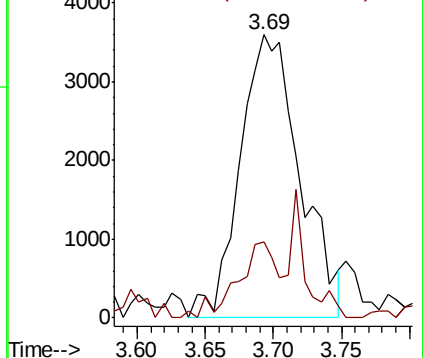
43 100

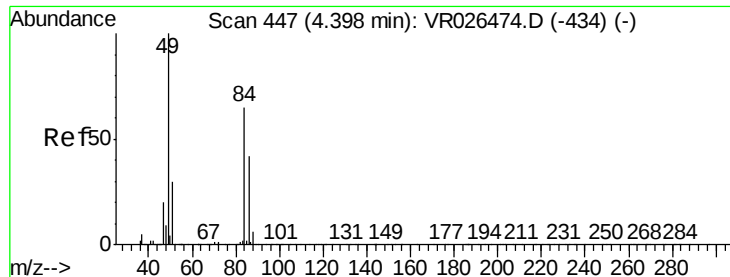
58 17.2 0.0 53.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

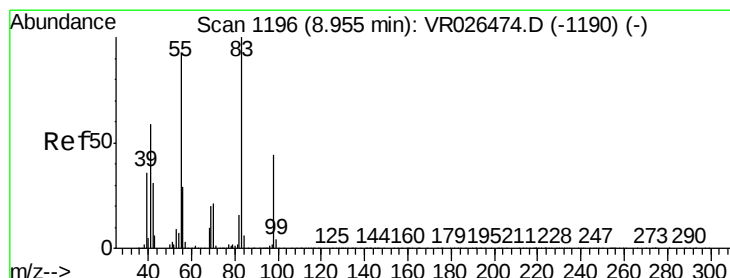
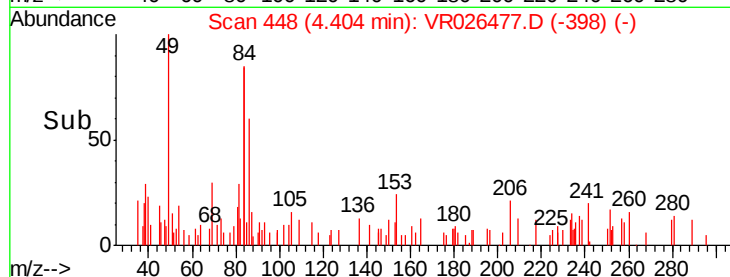
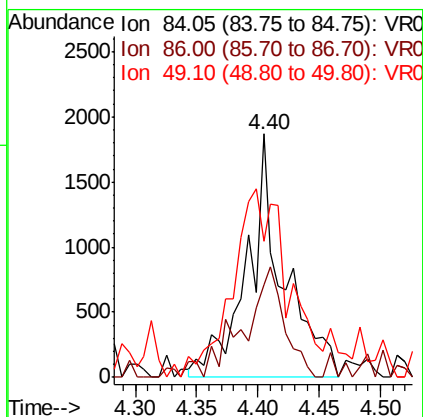
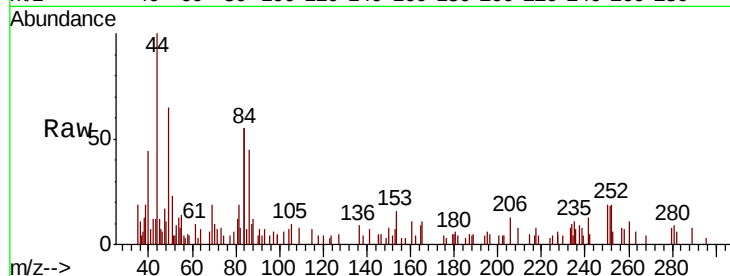




#16
Methylene chloride
Concen: 0.118 ug/L
RT: 4.40 min Scan# 448
Delta R.T. 0.01 min
Lab File: VR026477.D
Acq: 6 Apr 2019 15:31

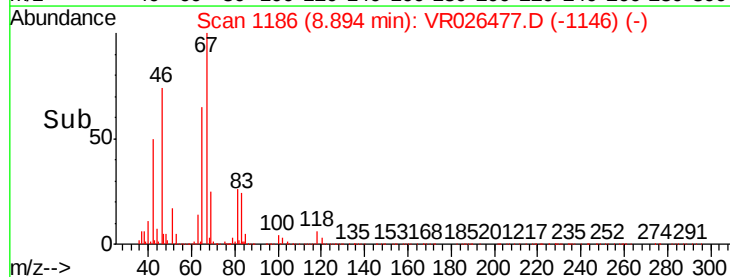
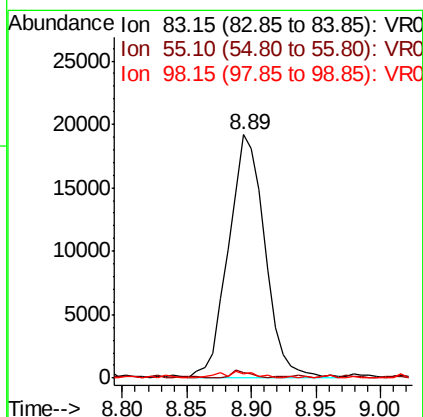
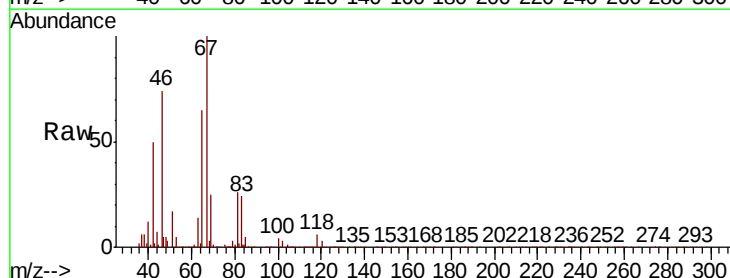
Instrument :
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ClientSampleID :
DB7E4

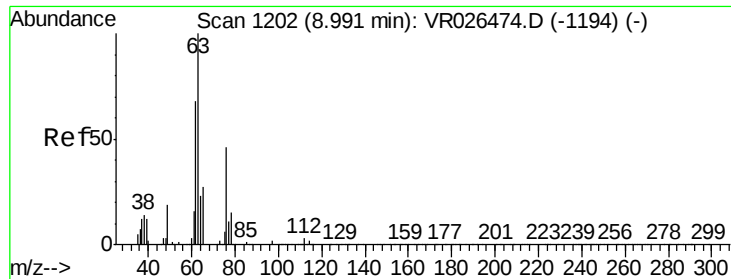
Tgt Ion: 84 Resp: 3874
Ion Ratio Lower Upper
84 100
86 38.2 45.6 84.6#
49 55.8 106.5 197.9#



#35
Methylcyclohexane
Concen: 0.742 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.05 min
Lab File: VR026477.D
Acq: 6 Apr 2019 15:31

Tgt Ion: 83 Resp: 37764
Ion Ratio Lower Upper
83 100
55 1.7 73.8 110.6#
98 1.7 34.6 51.8#

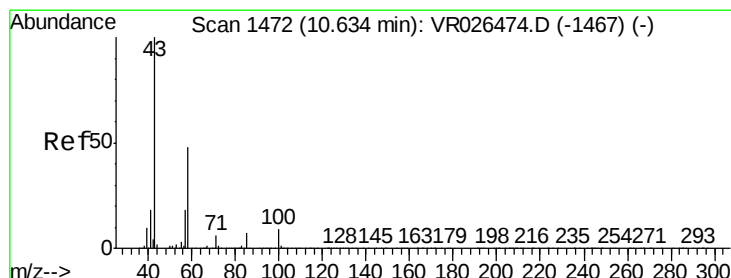
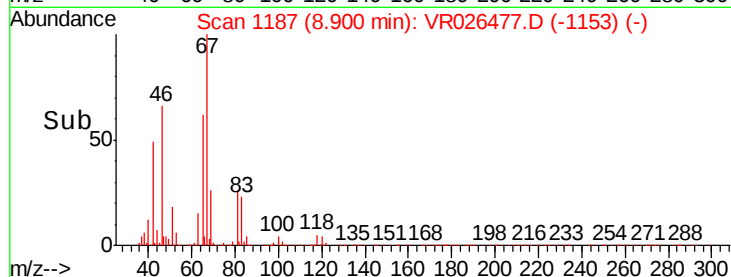
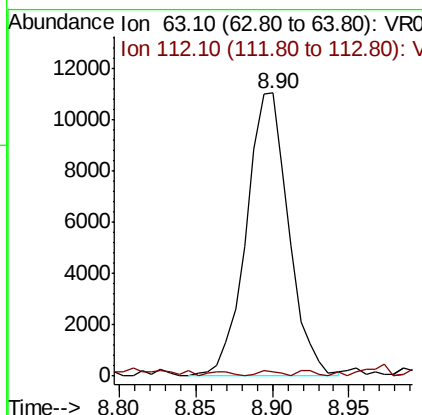
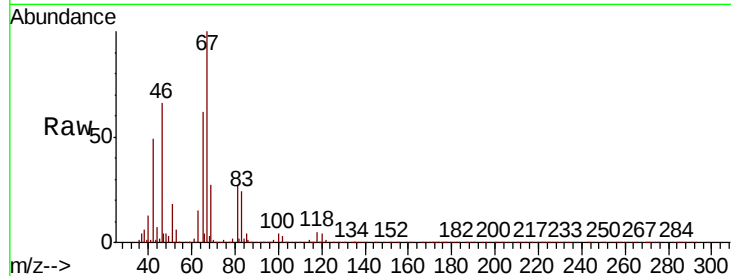




#37
 1,2-Dichloropropane
 Concen: 0.726 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
 Lab File: VR026477.D
 Acq: 6 Apr 2019 15:31

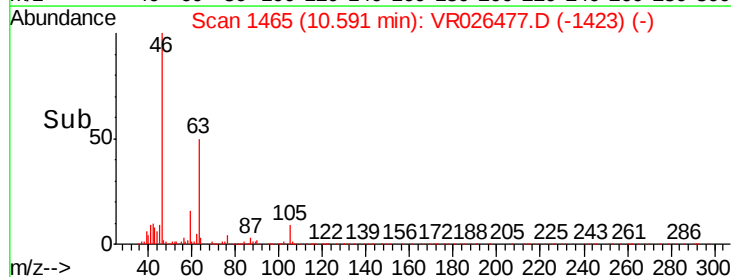
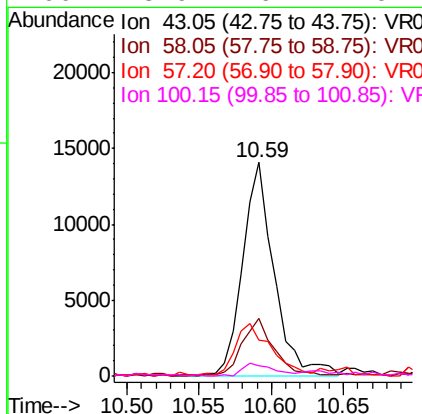
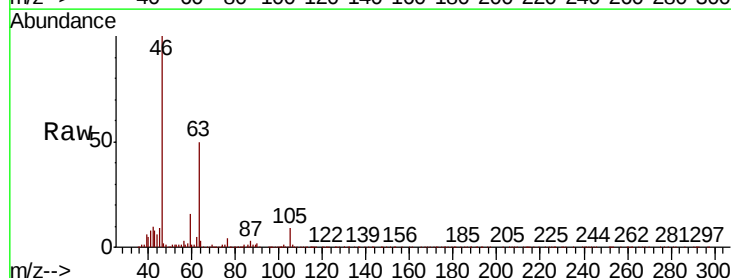
Instrument :
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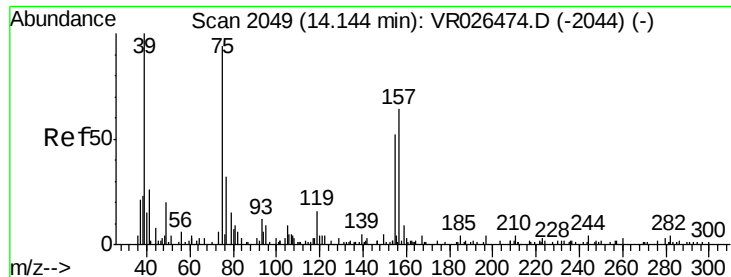
Tgt Ion: 63 Resp: 21206
 Ion Ratio Lower Upper
 63 100
 112 1.0 2.8 4.2#



#48
 2-Hexanone
 Concen: 3.738 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026477.D
 Acq: 6 Apr 2019 15:31

Tgt Ion: 43 Resp: 21282
 Ion Ratio Lower Upper
 43 100
 58 28.1 38.2 57.2#
 57 28.2 13.8 20.6#
 100 5.9 6.2 9.2#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.219 ug/L
 RT: 14.15 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: VR026477.D
 Acq: 6 Apr 2019 15:31

Instrument :
 MSVOA_R
 ClientSampleId :
 DB7E4

Tgt Ion: 75 Resp: 221
 Ion Ratio Lower Upper
 75 100
 155 74.7 36.1 54.1#
 157 0.0 62.4 93.6#

