

Data File : VR026464.D
Acq On : 5 Apr 2019 15:19
Operator : SY/MD
Sample : K2282-01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEYZ9

Quant Time: Apr 06 06:00:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 06 05:54:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	466321	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	382213	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	114369	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	157452	4.44	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	2.62	69	140421	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	3.60	63	320909	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	6.58	46	155820	49.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.66%
24) Chloroform-d	7.20	84	308035	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	7.89	65	134878	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	7.85	84	553436	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	8.89	67	153433	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	9.97	98	493788	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	10.24	79	29542	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
46) 2-Hexanone-d5	10.59	63	123233	54.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.54%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	58274	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	97969	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

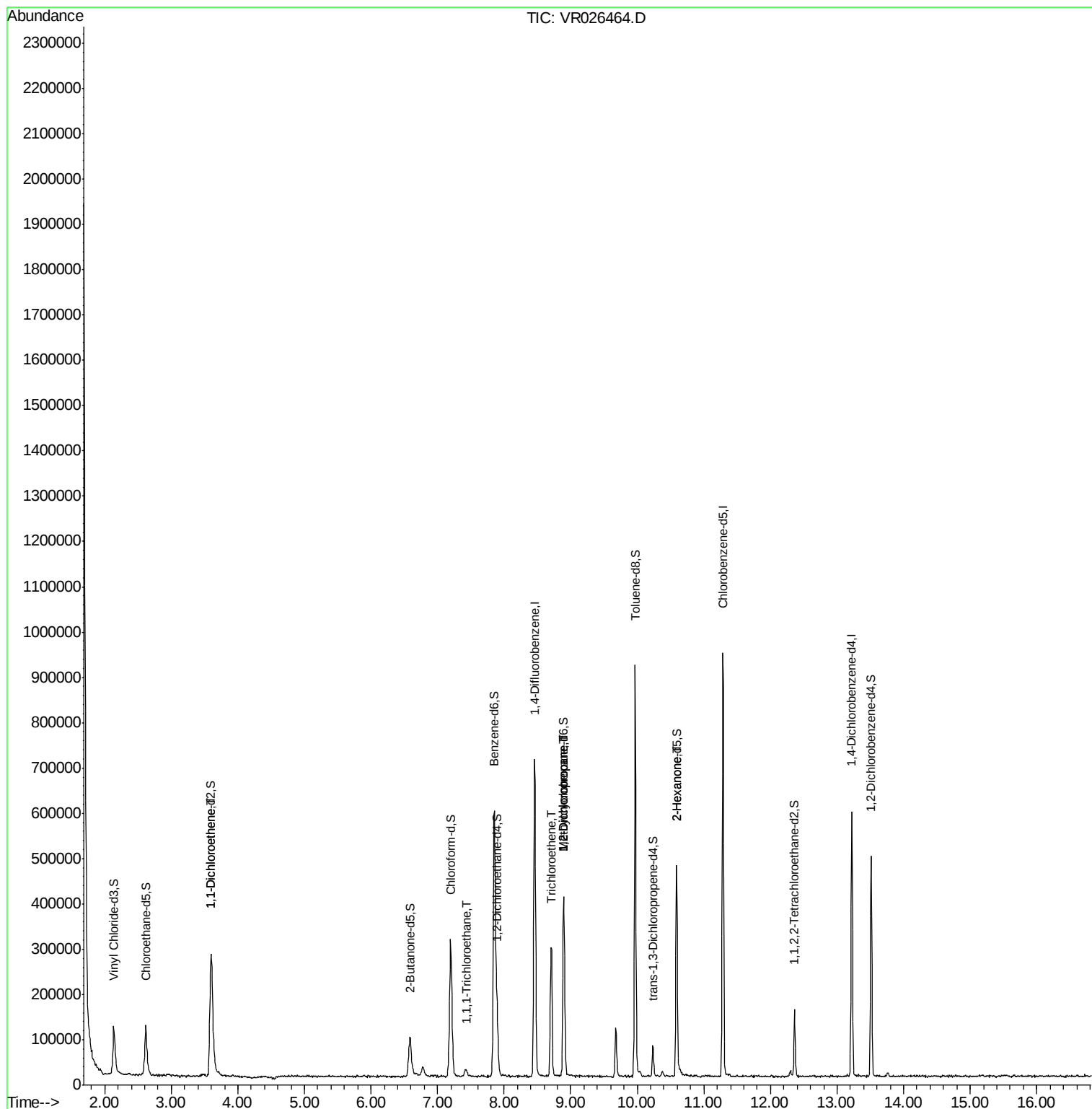
					Qvalue	
12) 1,1-Dichloroethene	3.60	96	4380	0.106	ug/L #	1
29) 1,1,1-Trichloroethane	7.43	97	12437	0.197	ug/L	94
34) Trichloroethene	8.71	95	95924	2.397	ug/L	97
35) Methylcyclohexane	8.89	83	38160	0.669	ug/L #	16
37) 1,2-Dichloropropane	8.89	63	20396	0.623	ug/L #	93
48) 2-Hexanone	10.59	43	21459	3.364	ug/L #	69

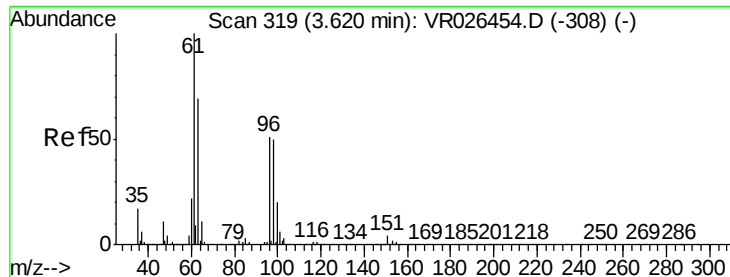
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 06 05:54:53 2019
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#12

1,1-Dichloroethene

Concen: 0.106 ug/L

RT: 3.60 min Scan# 316

Delta R.T. -0.02 min

Lab File: VR026464.D

Acq: 5 Apr 2019 15:19

Instrument :

MSVOA_R

ClientSampled :

BEYZ9

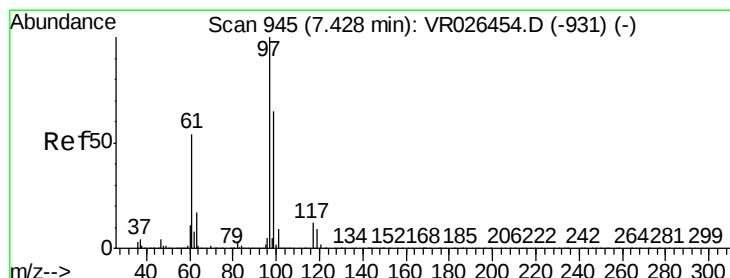
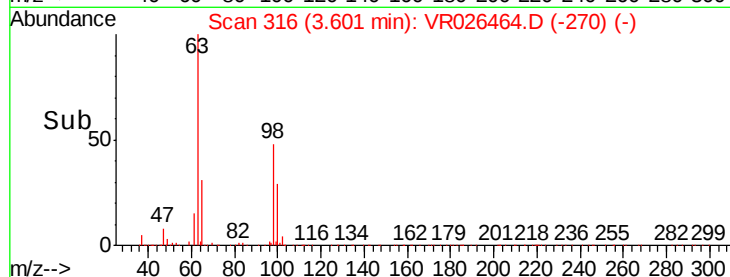
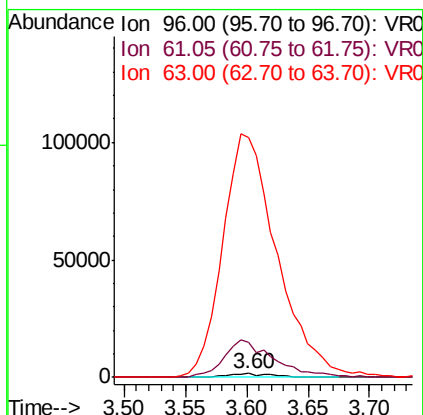
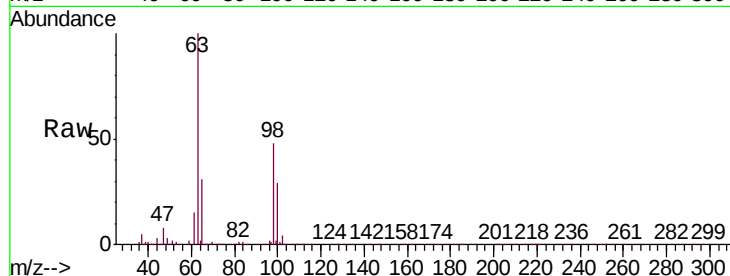
Tgt Ion: 96 Resp: 4380

Ion Ratio Lower Upper

96 100

61 911.0 142.7 264.9#

63 6267.7 116.9 217.1#



#29

1,1,1-Trichloroethane

Concen: 0.197 ug/L

RT: 7.43 min Scan# 945

Delta R.T. -0.00 min

Lab File: VR026464.D

Acq: 5 Apr 2019 15:19

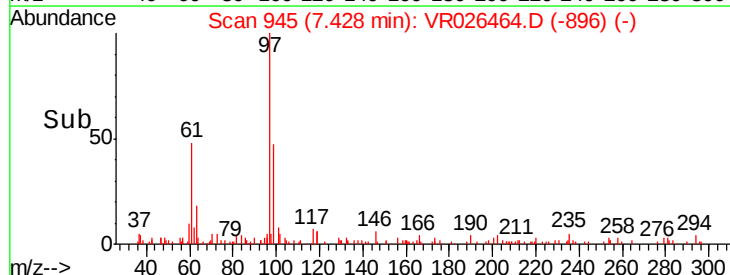
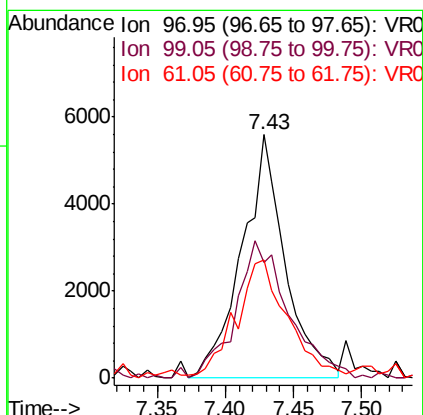
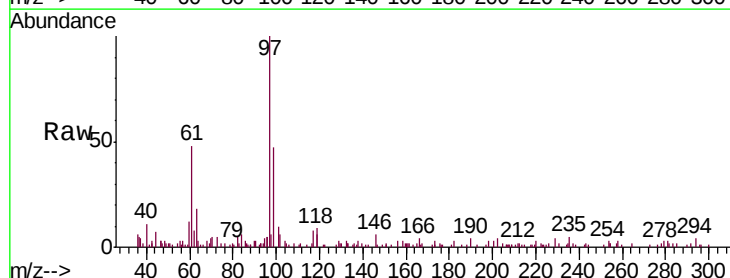
Tgt Ion: 97 Resp: 12437

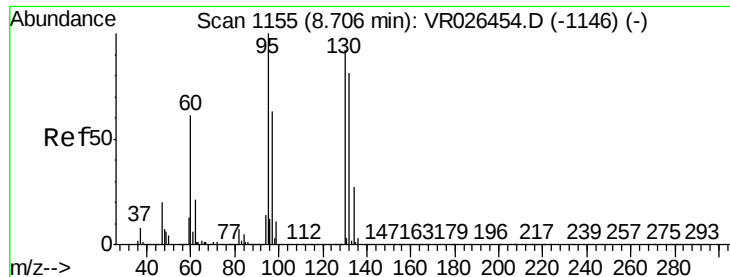
Ion Ratio Lower Upper

97 100

99 68.8 49.6 74.4

61 54.8 41.8 62.6





#34

Trichloroethene

Concen: 2.397 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VR026464.D

Acq: 5 Apr 2019 15:19

Instrument :

MSVOA_R

ClientSampleId :

BEYZ9

Tgt Ion: 95 Resp: 95924

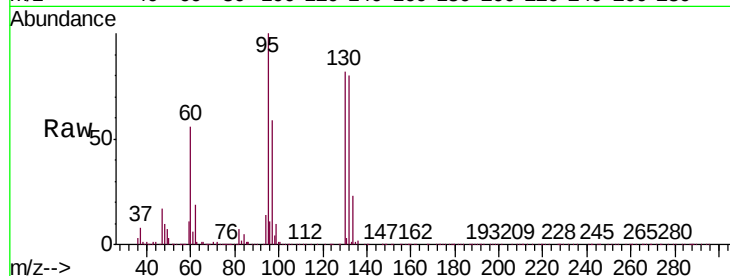
Ion Ratio Lower Upper

95 100

97 59.4 43.8 81.3

132 79.9 57.2 106.2

130 82.4 59.7 110.9

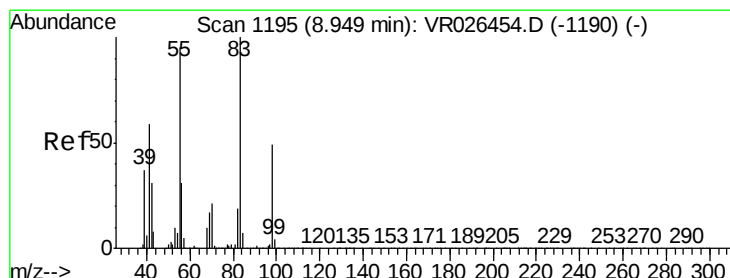
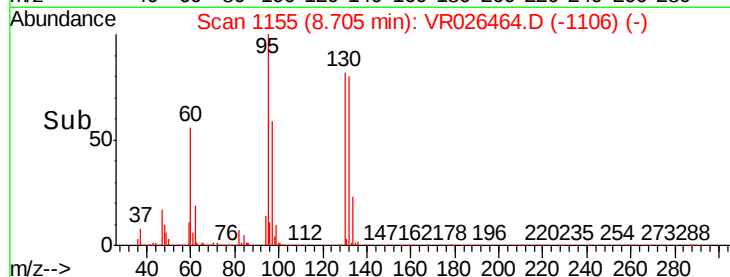
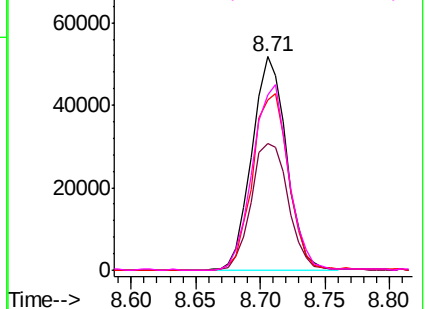


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.669 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.05 min

Lab File: VR026464.D

Acq: 5 Apr 2019 15:19

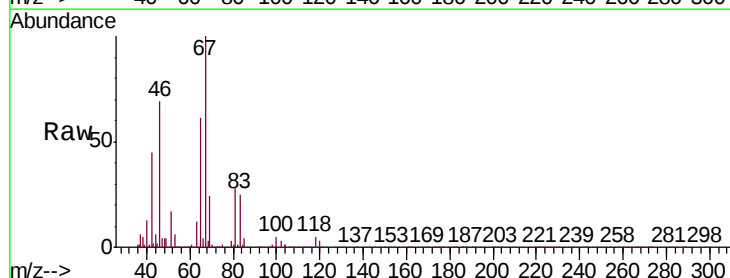
Tgt Ion: 83 Resp: 38160

Ion Ratio Lower Upper

83 100

55 2.1 73.8 110.6#

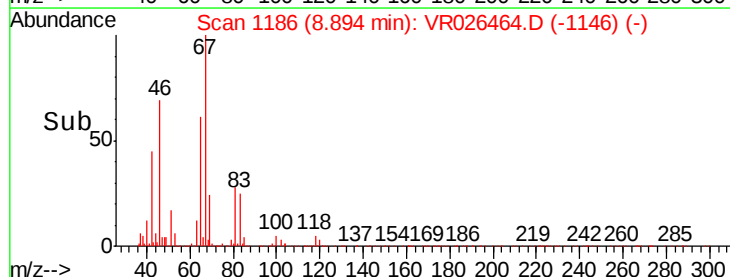
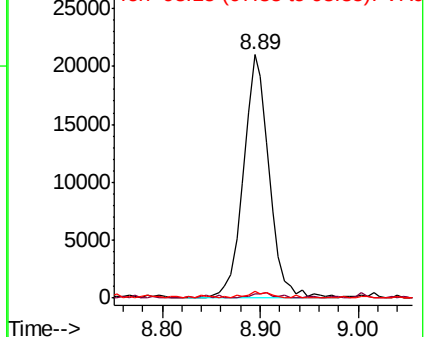
98 2.5 34.6 51.8#

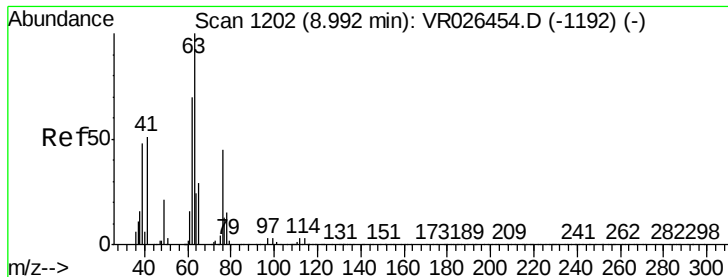


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

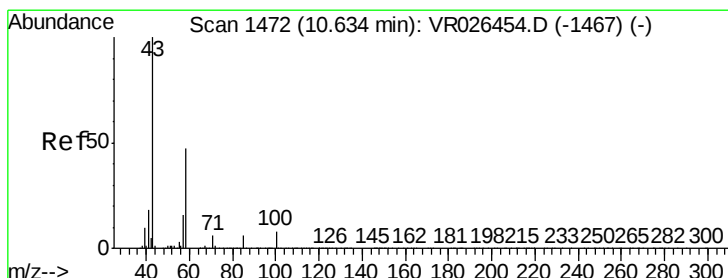
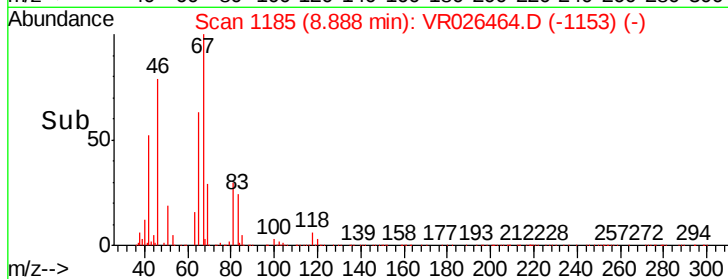
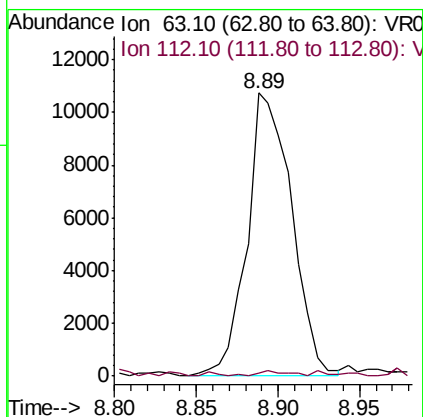
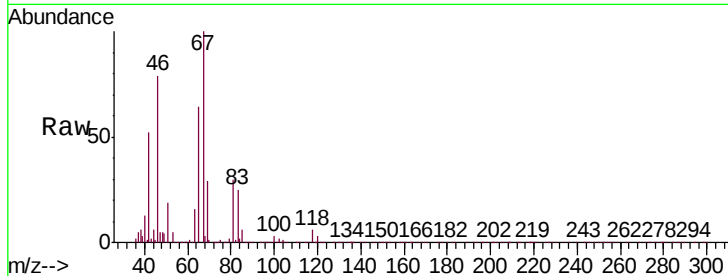




#37
 1,2-Dichloropropane
 Concen: 0.623 ug/L
 RT: 8.89 min Scan# 1185
 Delta R.T. -0.10 min
 Lab File: VR026464.D
 Acq: 5 Apr 2019 15:19

Instrument :
 MSVOA_R
 ClientSampleId :
 BEYZ9

Tgt Ion: 63 Resp: 20396
 Ion Ratio Lower Upper
 63 100
 112 1.3 2.8 4.2#



#48
 2-Hexanone
 Concen: 3.364 ug/L
 RT: 10.59 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: VR026464.D
 Acq: 5 Apr 2019 15:19

Tgt Ion: 43 Resp: 21459
 Ion Ratio Lower Upper
 43 100
 58 25.6 38.2 57.2#
 57 33.1 13.8 20.6#
 100 6.6 6.2 9.2

