

Data File : VR026169.D
Acq On : 2 Nov 2018 20:08
Operator : SY/MD
Sample : J5802-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0BE7

Quant Time: Nov 03 06:50:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 03 06:46:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	553684	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	479224	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	158156	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	162381	3.35	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.00%
7) Chloroethane-d5	2.63	69	164977	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	3.63	63	318269	2.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.40%#
20) 2-Butanone-d5	6.59	46	244132	61.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.74%
24) Chloroform-d	7.20	84	334672	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	7.90	65	150126	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	7.85	84	632510	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	8.90	67	183615	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	9.97	98	563007	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	10.24	79	43617	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	10.59	63	203058	67.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.86%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	82207	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	123497	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

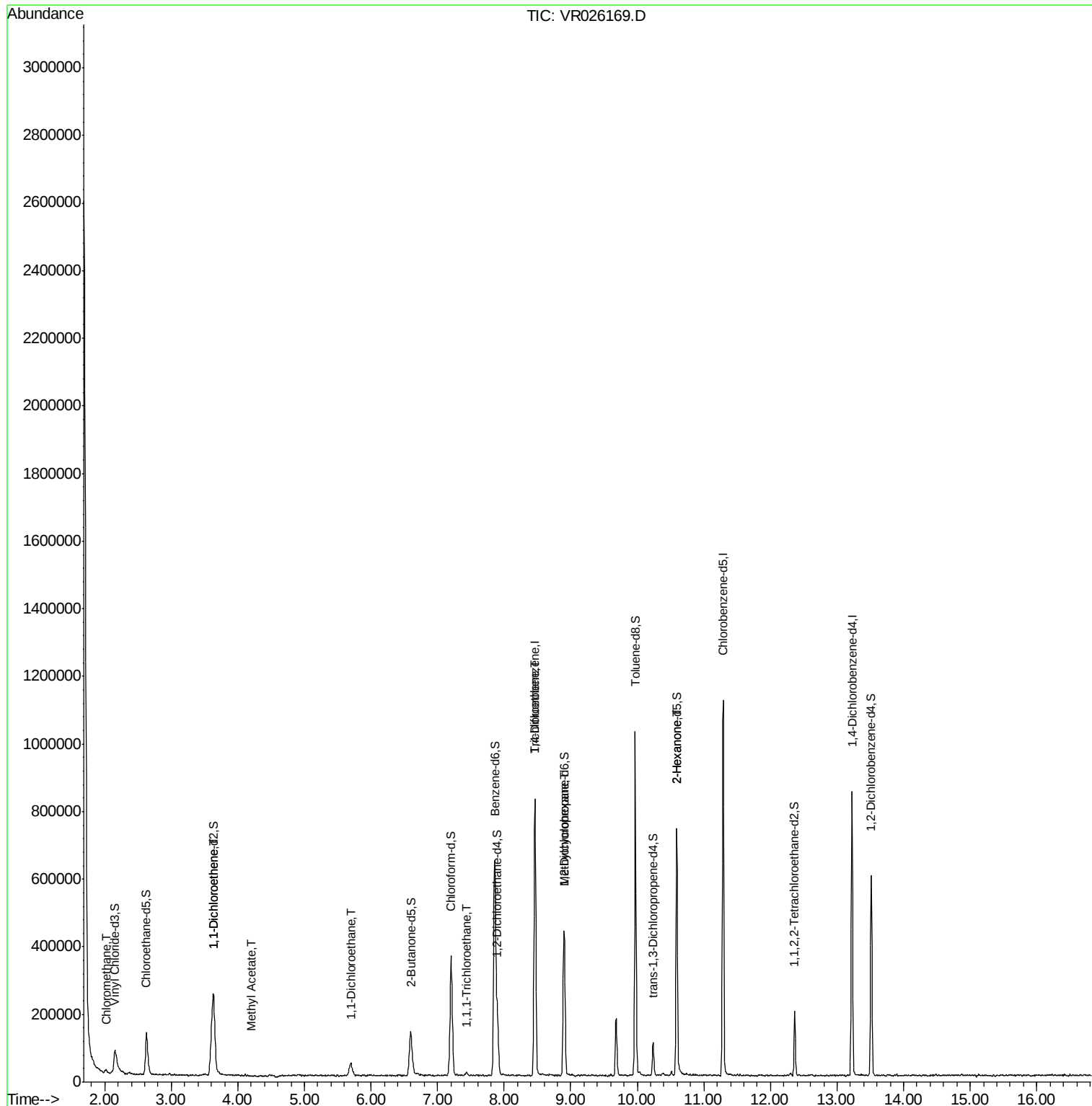
					Qvalue
3) Chloromethane	2.02	50	13342	0.226 ug/L	86
12) 1,1-Dichloroethene	3.64	96	5562	0.103 ug/L #	1
15) Methyl Acetate	4.20	43	1198	0.112 ug/L #	89
19) 1,1-Dichloroethane	5.69	63	54866	0.718 ug/L	94
29) 1,1,1-Trichloroethane	7.43	97	6885	0.105 ug/L	95
34) Trichloroethene	8.46	95	19500	0.424 ug/L #	10
35) Methylcyclohexane	8.91	83	43374	0.633 ug/L #	17
48) 2-Hexanone	10.59	43	29999	3.964 ug/L #	70

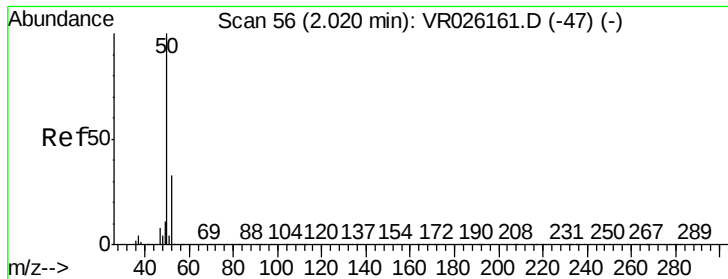
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 03 06:46:43 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.226 ug/L

RT: 2.02 min Scan# 56

Delta R.T. -0.00 min

Lab File: VR026169.D

Acq: 2 Nov 2018 20:08

Instrument :

MSVOA_R

ClientSampleId :

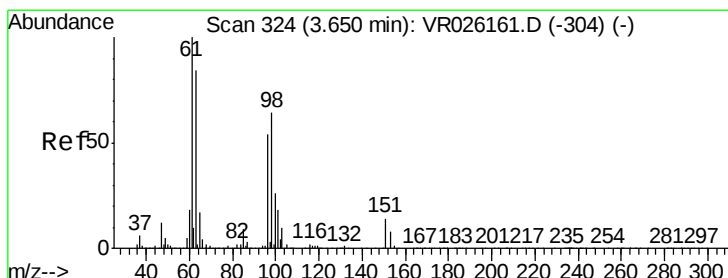
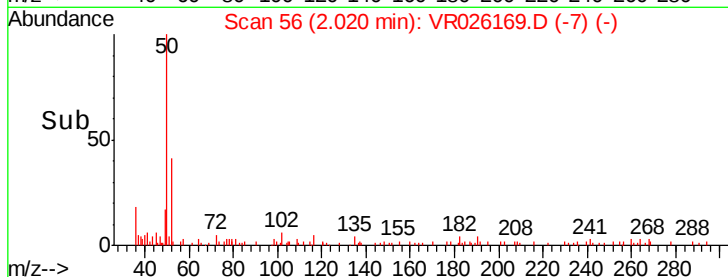
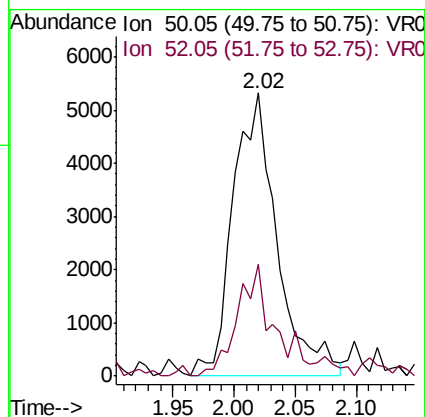
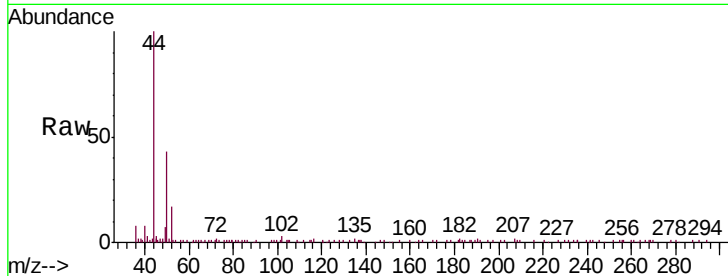
C0BE7

Tgt Ion: 50 Resp: 13342

Ion Ratio Lower Upper

50 100

52 39.3 22.0 40.8



#12

1,1-Dichloroethene

Concen: 0.103 ug/L

RT: 3.64 min Scan# 322

Delta R.T. -0.01 min

Lab File: VR026169.D

Acq: 2 Nov 2018 20:08

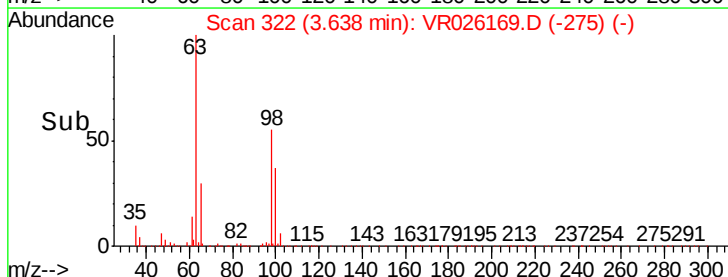
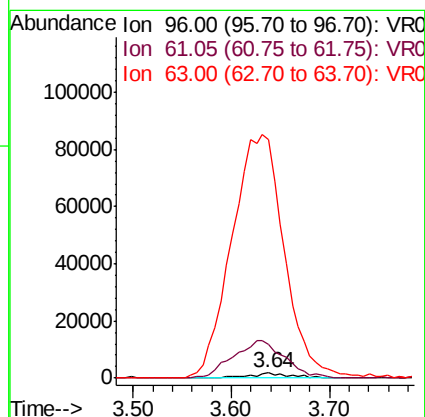
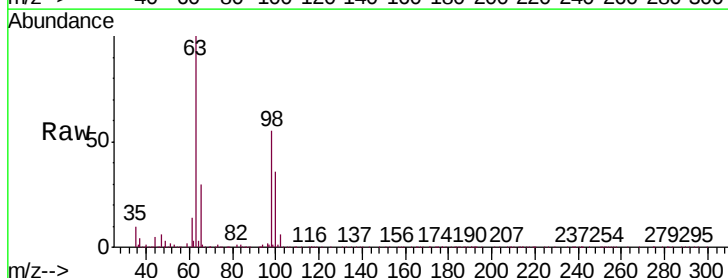
Tgt Ion: 96 Resp: 5562

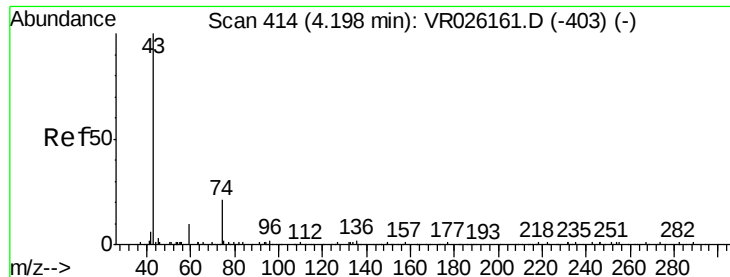
Ion Ratio Lower Upper

96 100

61 653.2 126.7 235.3#

63 4667.0 125.0 232.2#

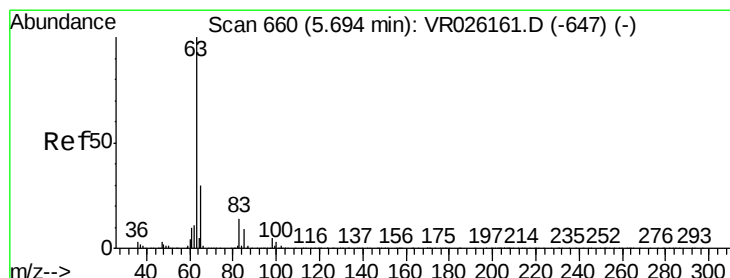
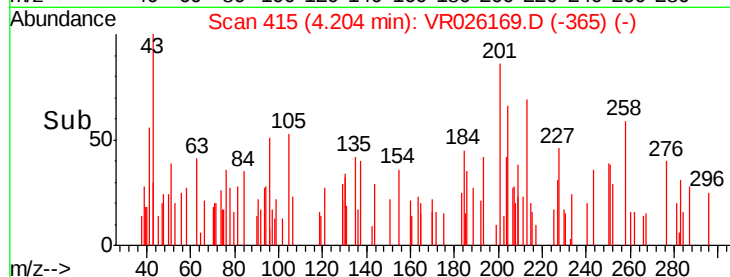
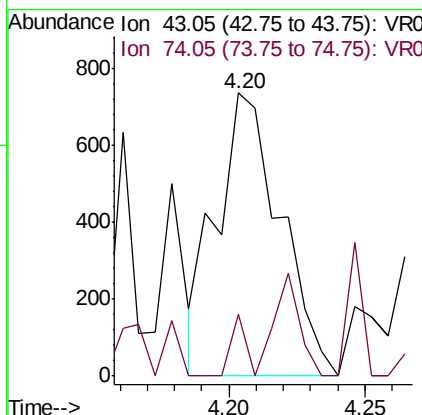
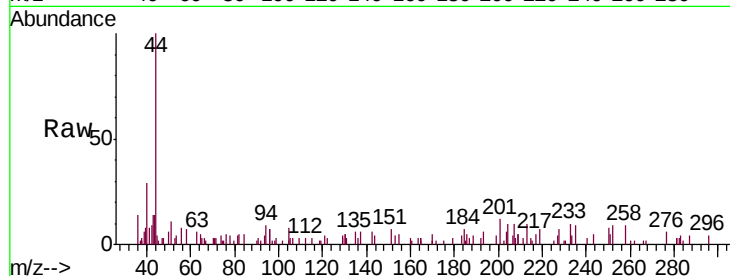




#15
Methyl Acetate
Concen: 0.112 ug/L
RT: 4.20 min Scan# 415
Delta R.T. 0.01 min
Lab File: VR026169.D
Acq: 2 Nov 2018 20:08

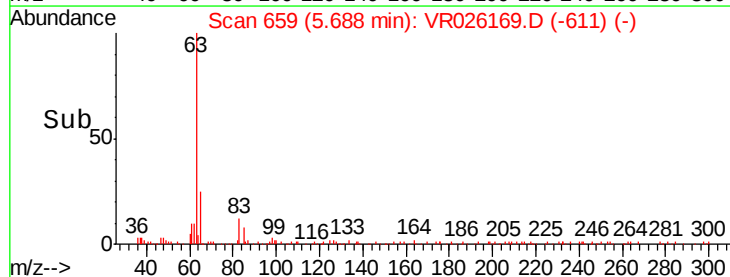
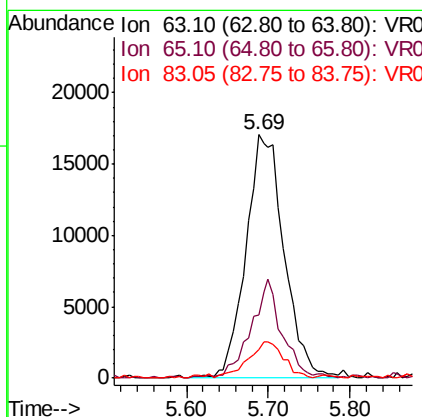
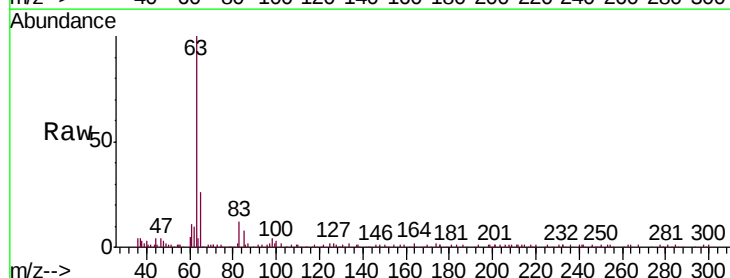
Instrument :
MSVOA_R
ClientSampleID :
C0BE7

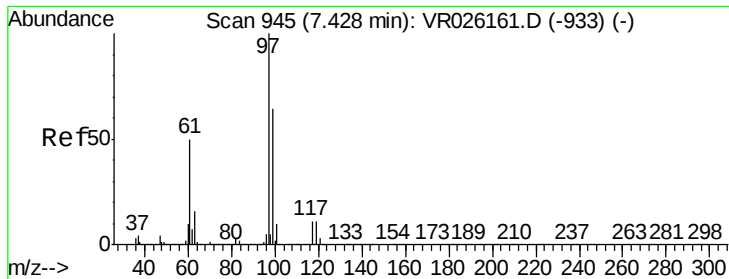
Tgt Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
74 19.4 19.8 29.8#



#19
1,1-Dichloroethane
Concen: 0.718 ug/L
RT: 5.69 min Scan# 659
Delta R.T. -0.01 min
Lab File: VR026169.D
Acq: 2 Nov 2018 20:08

Tgt Ion: 63 Resp: 54866
Ion Ratio Lower Upper
63 100
65 26.3 21.2 39.4
83 12.0 9.2 17.2





#29

1,1,1-Trichloroethane

Concen: 0.105 ug/L

RT: 7.43 min Scan# 945

Delta R.T. -0.00 min

Lab File: VR026169.D

Acq: 2 Nov 2018 20:08

Instrument :

MSVOA_R

ClientSampleId :

C0BE7

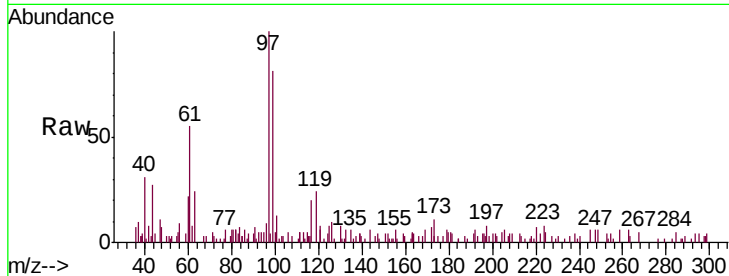
Tgt Ion: 97 Resp: 6885

Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

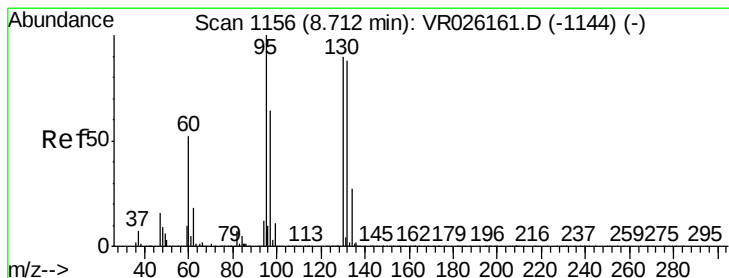
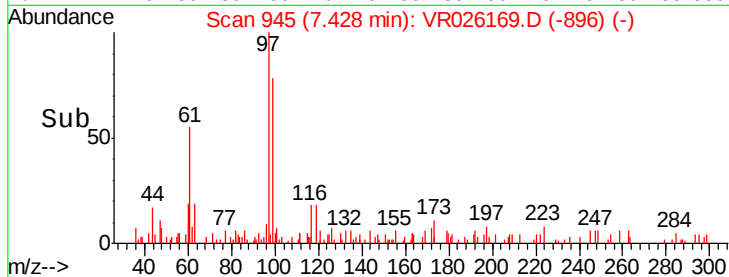
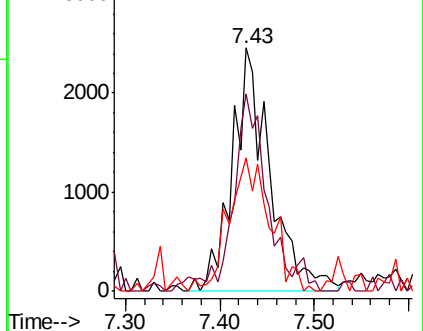
61 59.9 42.1 63.1



Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0



#34

Trichloroethene

Concen: 0.424 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR026169.D

Acq: 2 Nov 2018 20:08

Tgt Ion: 95 Resp: 19500

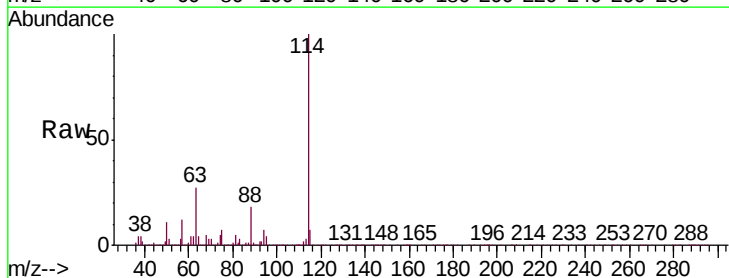
Ion Ratio Lower Upper

95 100

97 0.0 45.7 84.9#

132 1.8 58.3 108.3#

130 0.0 64.0 119.0#

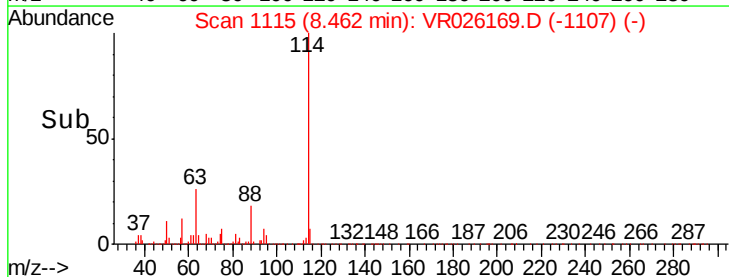
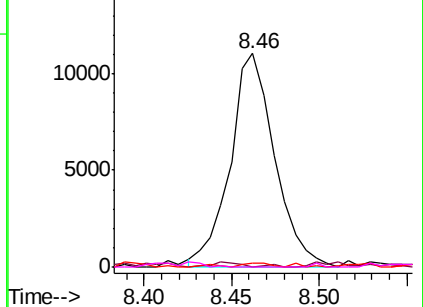


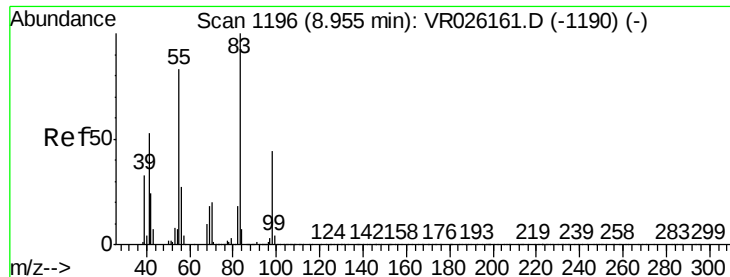
Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.633 ug/L

RT: 8.91 min Scan# 1188

Delta R.T. -0.05 min

Lab File: VR026169.D

Acq: 2 Nov 2018 20:08

Instrument :

MSVOA_R

ClientSampled :

C0BE7

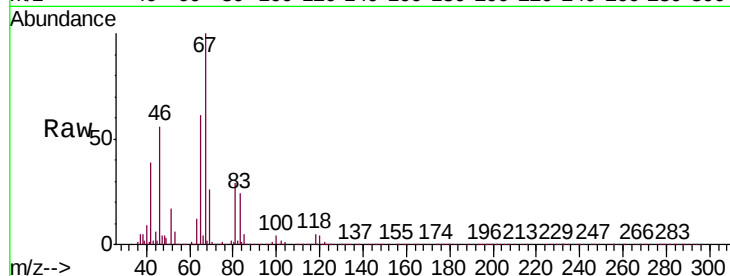
Tgt Ion: 83 Resp: 43374

Ion Ratio Lower Upper

83 100

55 0.0 66.8 100.2#

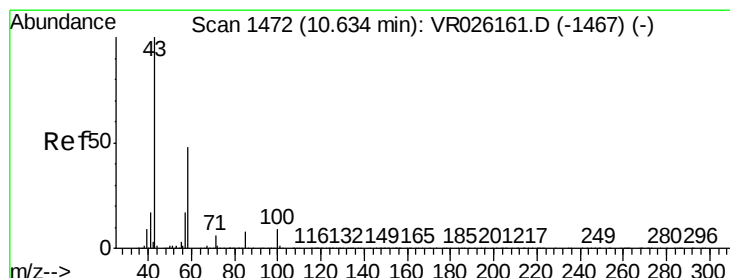
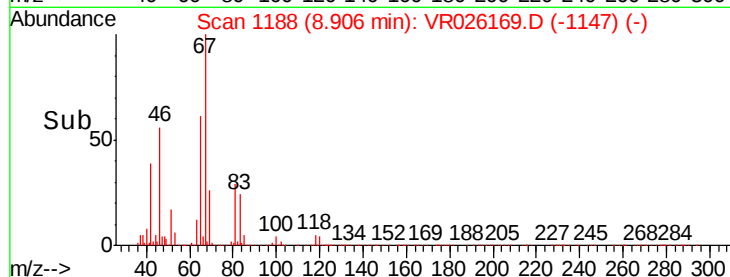
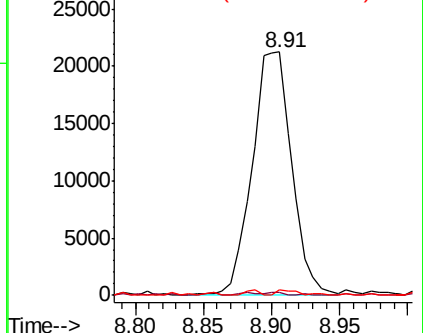
98 1.1 35.2 52.8#



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



#48

2-Hexanone

Concen: 3.964 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026169.D

Acq: 2 Nov 2018 20:08

Tgt Ion: 43 Resp: 29999

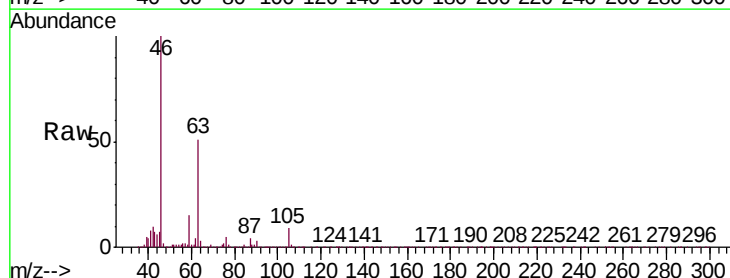
Ion Ratio Lower Upper

43 100

58 26.0 39.6 59.4#

57 29.1 14.0 21.0#

100 4.6 7.0 10.6#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

