

Data File : VR025834.D
Acq On : 24 Sep 2018 23:37
Operator : SY/MD
Sample : J5045-08
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ETO21

Quant Time: Sep 25 08:51:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 25 08:50:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	374940	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	304680	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	94160	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	133666	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	2.63	69	114035	5.41	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	3.60	63	106242	1.64	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	32.80%#
20) 2-Butanone-d5	6.59	46	203944	56.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.96%
24) Chloroform-d	7.20	84	256198	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	7.89	65	117371	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	7.85	84	531703	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	8.90	67	150761	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	9.97	98	469235	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	10.23	79	28527	3.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.80%
46) 2-Hexanone-d5	10.59	63	143588	50.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.74%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	55319	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	76489	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

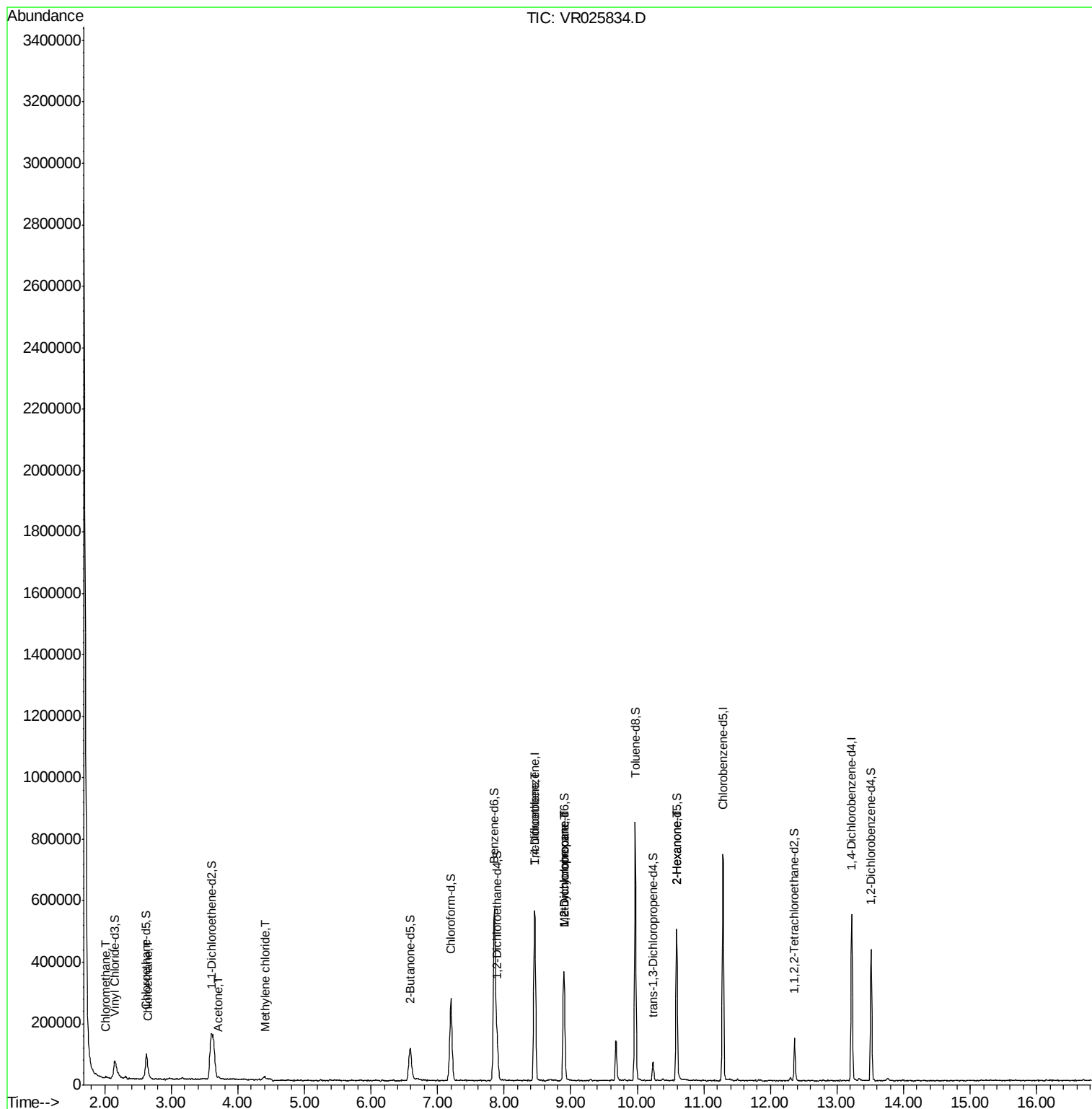
					Qvalue
3) Chloromethane	2.02	50	4690	0.110 ug/L	86
8) Chloroethane	2.65	64	1632	0.071 ug/L	93
13) Acetone	3.70	43	5242	2.220 ug/L	92
16) Methylene chloride	4.40	84	5838	0.201 ug/L	83
34) Trichloroethene	8.45	95	13863	0.327 ug/L #	13
35) Methylcyclohexane	8.90	83	34540	0.496 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	18385	0.516 ug/L #	93
48) 2-Hexanone	10.59	43	21982	2.692 ug/L #	72

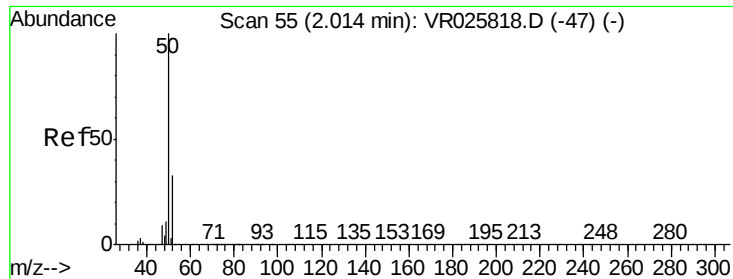
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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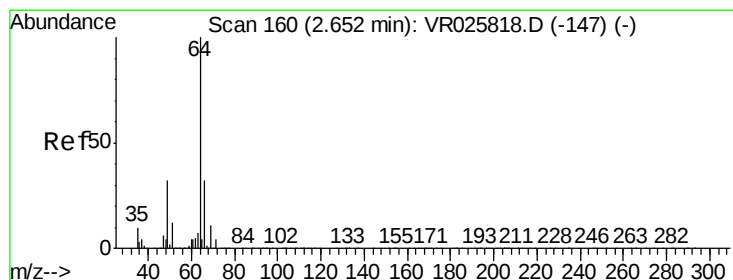
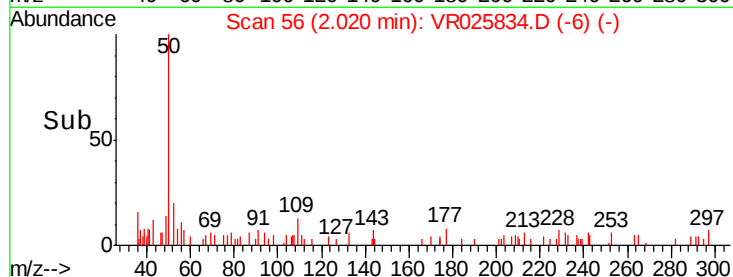
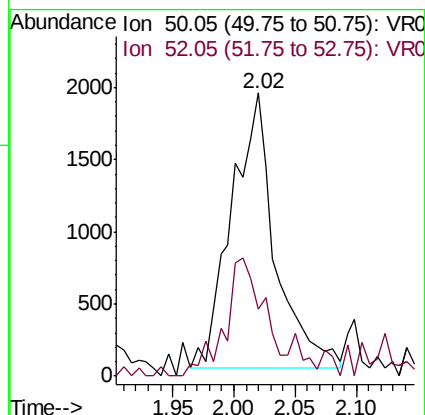
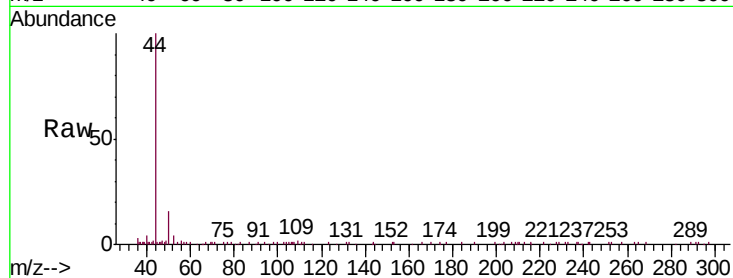




#3
Chloromethane
Concen: 0.110 ug/L
RT: 2.02 min Scan# 56
Delta R.T. 0.01 min
Lab File: VR025834.D
Acq: 24 Sep 2018 23:37

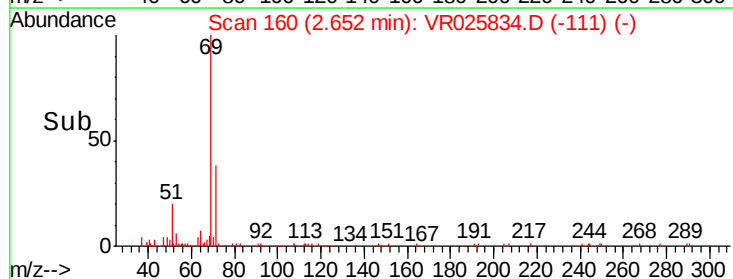
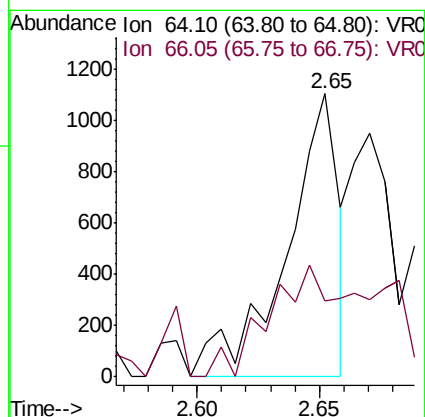
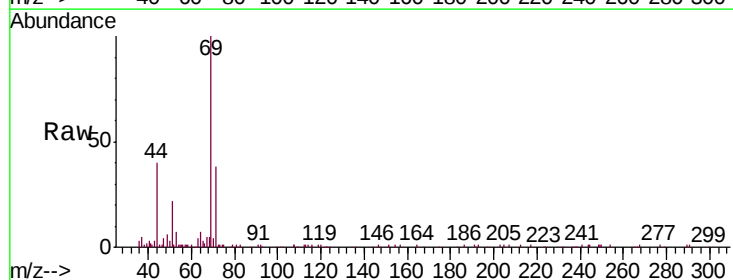
Instrument :
MSVOA_R
ClientSampled :
ETO21

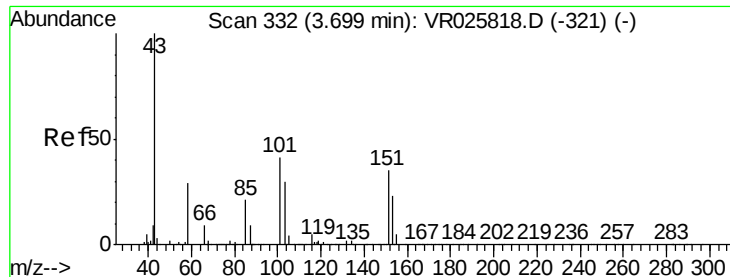
Tgt Ion: 50 Resp: 4690
Ion Ratio Lower Upper
50 100
52 23.8 22.1 41.1



#8
Chloroethane
Concen: 0.071 ug/L
RT: 2.65 min Scan# 160
Delta R.T. -0.00 min
Lab File: VR025834.D
Acq: 24 Sep 2018 23:37

Tgt Ion: 64 Resp: 1632
Ion Ratio Lower Upper
64 100
66 26.7 21.3 39.5





#13

Acetone

Concen: 2.220 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.00 min

Lab File: VR025834.D

Acq: 24 Sep 2018 23:37

Instrument :

MSVOA_R

ClientSampleId :

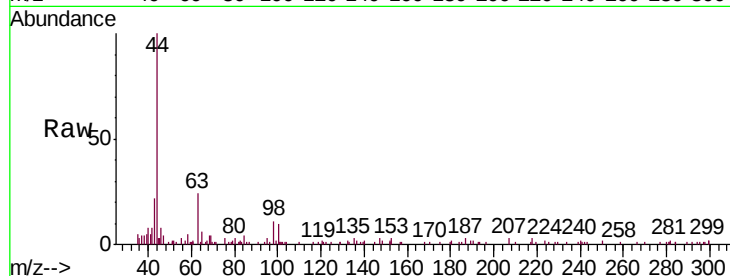
ETO21

Tgt Ion: 43 Resp: 5242

Ion Ratio Lower Upper

43 100

58 21.7 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

1500

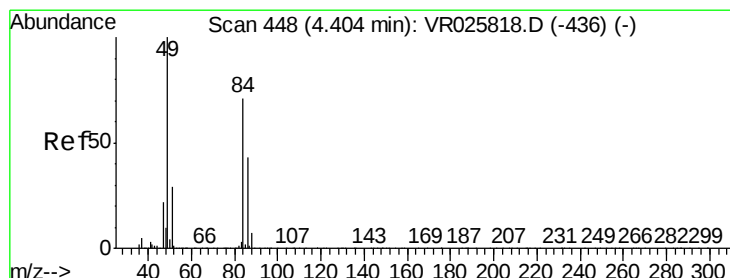
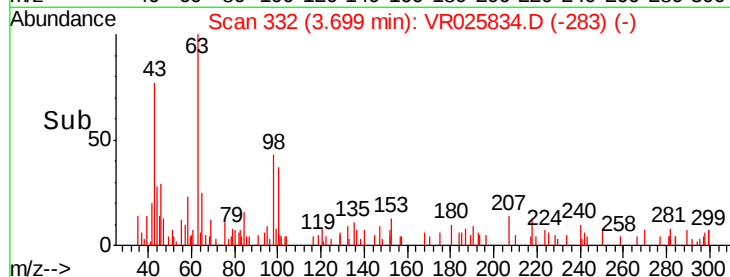
1000

500

0

3.60 3.65 3.70 3.75 3.80

Time-->



#16

Methylene chloride

Concen: 0.201 ug/L

RT: 4.40 min Scan# 448

Delta R.T. -0.00 min

Lab File: VR025834.D

Acq: 24 Sep 2018 23:37

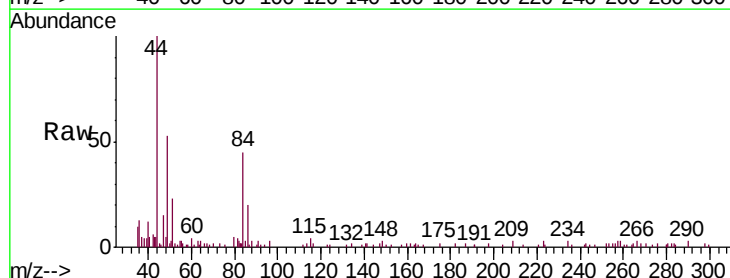
Tgt Ion: 84 Resp: 5838

Ion Ratio Lower Upper

84 100

86 44.6 43.1 80.1

49 118.6 95.5 177.3



Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

Ion 49.10 (48.80 to 49.80): VR0

4000

3000

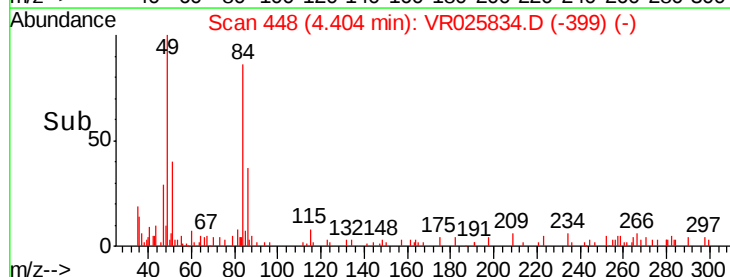
2000

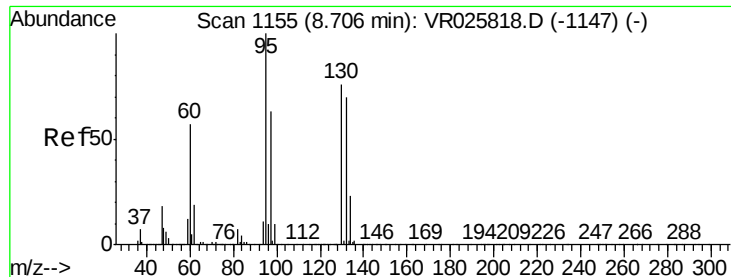
1000

0

4.30 4.35 4.40 4.45

Time-->





#34

Trichloroethene

Concen: 0.327 ug/L

RT: 8.45 min Scan# 1113

Delta R.T. -0.26 min

Lab File: VR025834.D

Acq: 24 Sep 2018 23:37

Instrument :

MSVOA_R

ClientSampleId :

ETO21

Tgt Ion: 95 Resp: 13863

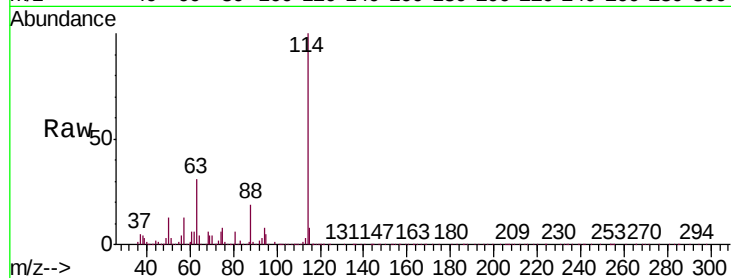
Ion Ratio Lower Upper

95 100

97 0.0 43.9 81.5#

132 0.0 53.3 98.9#

130 0.0 53.8 99.8#

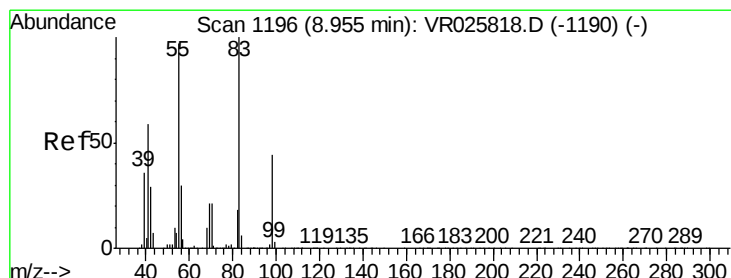
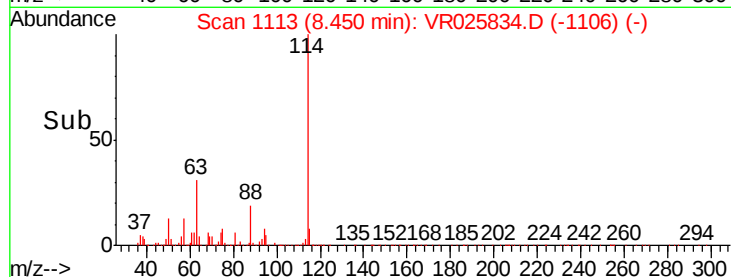
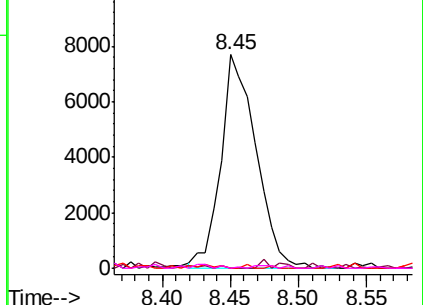


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.496 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025834.D

Acq: 24 Sep 2018 23:37

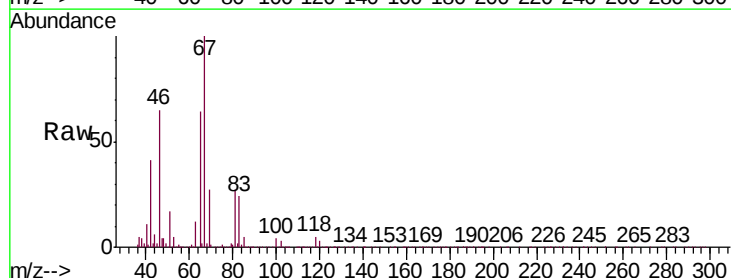
Tgt Ion: 83 Resp: 34540

Ion Ratio Lower Upper

83 100

55 1.0 71.8 107.6#

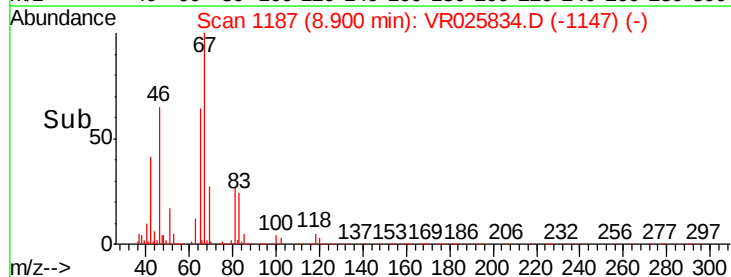
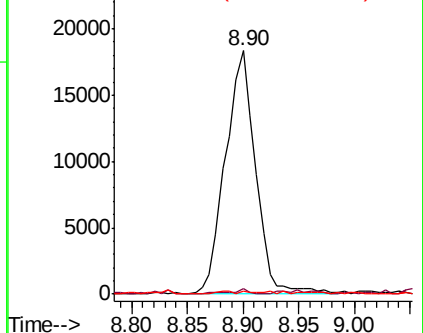
98 0.9 34.2 51.4#

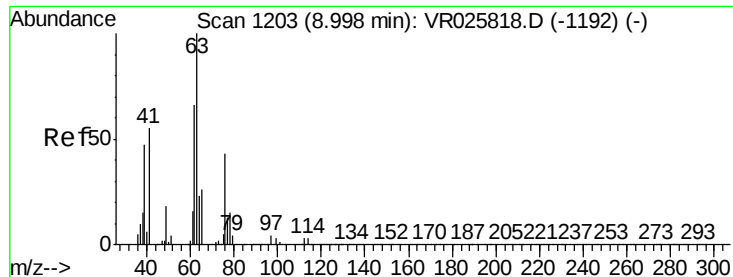


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

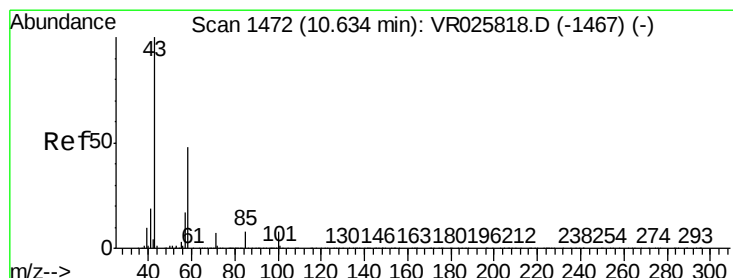
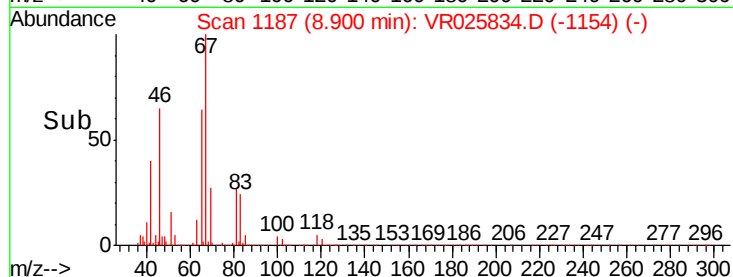
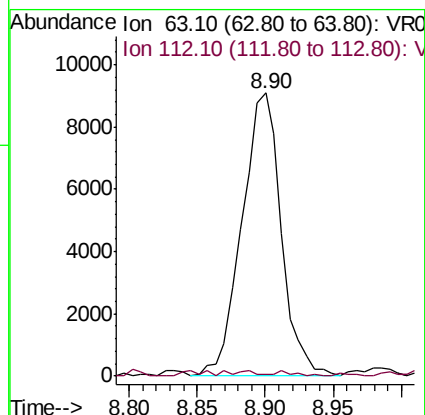
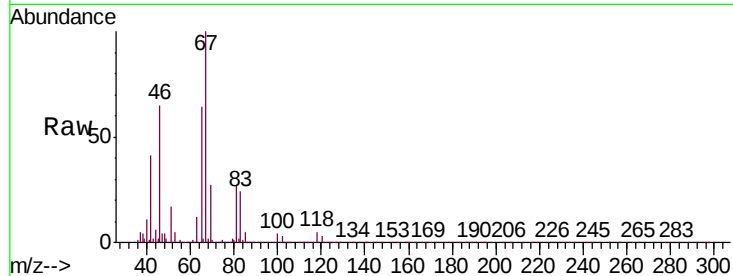




#37
 1,2-Dichloropropane
 Concen: 0.516 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR025834.D
 Acq: 24 Sep 2018 23:37

Instrument :
 MSVOA_R
 ClientSampleId :
 ETO21

Tgt Ion: 63 Resp: 18385
 Ion Ratio Lower Upper
 63 100
 112 0.8 2.5 3.7#



#48
 2-Hexanone
 Concen: 2.692 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025834.D
 Acq: 24 Sep 2018 23:37

Tgt Ion: 43 Resp: 21982
 Ion Ratio Lower Upper
 43 100
 58 25.0 39.5 59.3#
 57 22.5 14.6 21.8#
 100 1.3 6.7 10.1#

