

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100118\
 Data File : VR025916.D
 Acq On : 1 Oct 2018 17:22
 Operator : SY/MD
 Sample : J5073-05
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ET0T3

Quant Time: Oct 02 01:47:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 01:45:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	485650	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	412187	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	138237	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	178000	4.65	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	2.63	69	153828	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	3.63	63	305403	3.40	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	6.59	46	256424	60.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.12%
24) Chloroform-d	7.20	84	321267	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	7.90	65	149528	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	7.85	84	627663	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	8.90	67	181412	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	9.97	98	551710	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	10.24	79	38980	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	10.59	63	188798	59.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.00%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	73771	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	109482	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

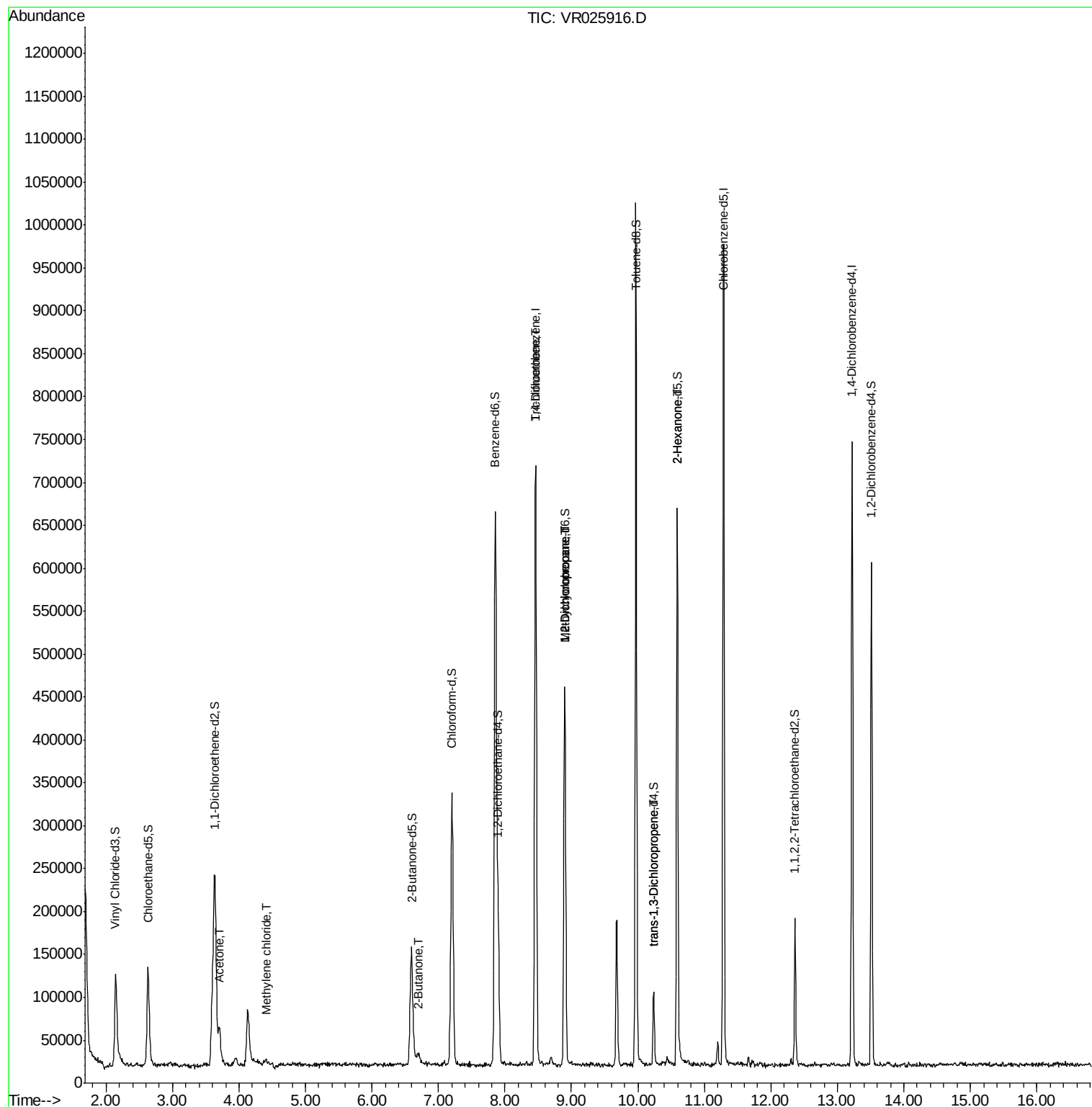
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	3.70	43	68811	22.237	ug/L	95
16) Methylene chloride	4.41	84	4056	0.120	ug/L #	60
21) 2-Butanone	6.69	43	10797	2.537	ug/L	89
34) Trichloroethene	8.46	95	18260	0.501	ug/L #	15
35) Methylcyclohexane	8.90	83	43081	0.787	ug/L #	15
37) 1,2-Dichloropropane	8.90	63	22694	0.765	ug/L #	95
44) trans-1,3-Dichloropropene	10.24	75	2610	0.120	ug/L	89
48) 2-Hexanone	10.59	43	29509	4.322	ug/L #	72

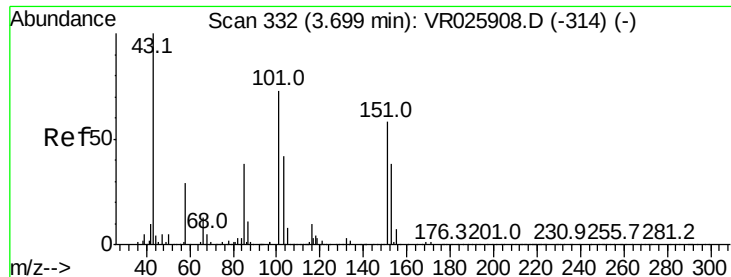
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 22.237 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR025916.D

Acq: 1 Oct 2018 17:22

Instrument :

MSVOA_R

ClientSampled :

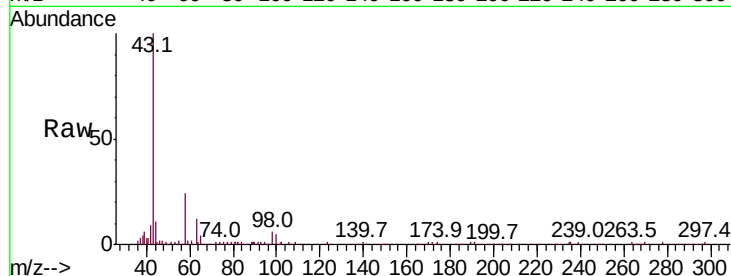
ET0T3

Tot Ion: 43 Resp: 68811

Ion Ratio Lower Upper

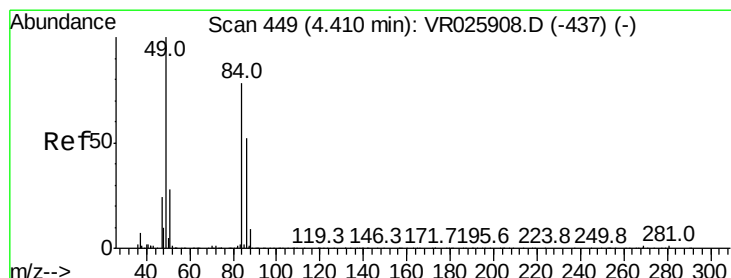
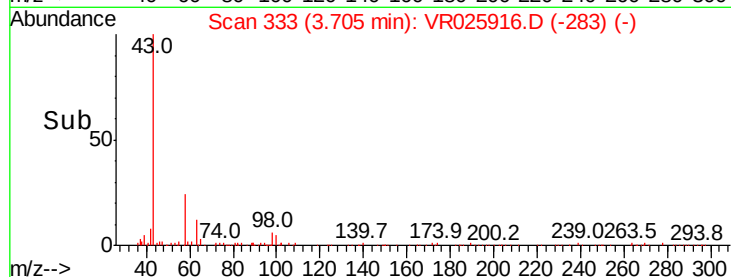
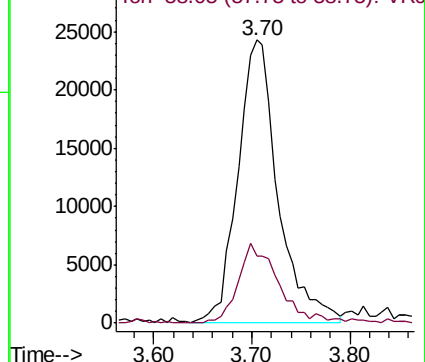
43 100

58 28.2 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#16

Methylene chloride

Concen: 0.120 ug/L

RT: 4.41 min Scan# 449

Delta R.T. 0.00 min

Lab File: VR025916.D

Acq: 1 Oct 2018 17:22

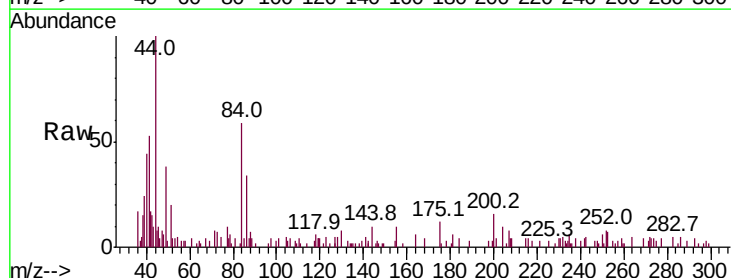
Tgt Ion: 84 Resp: 4056

Ion Ratio Lower Upper

84 100

86 57.7 43.1 80.1

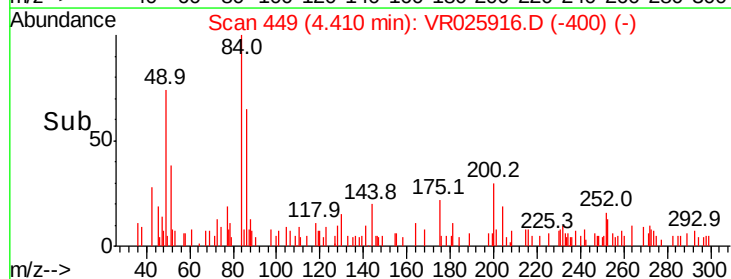
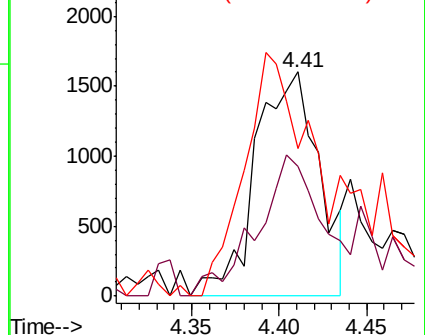
49 70.2 95.5 177.3#

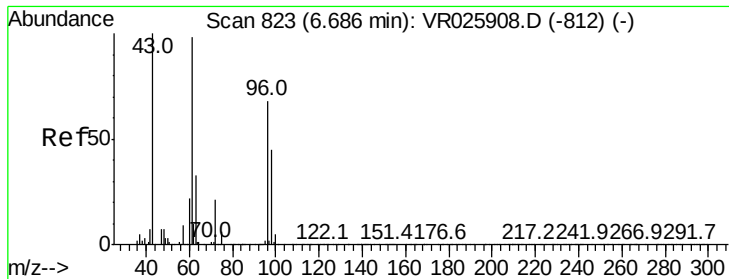


Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

Ion 49.10 (48.80 to 49.80): VR0

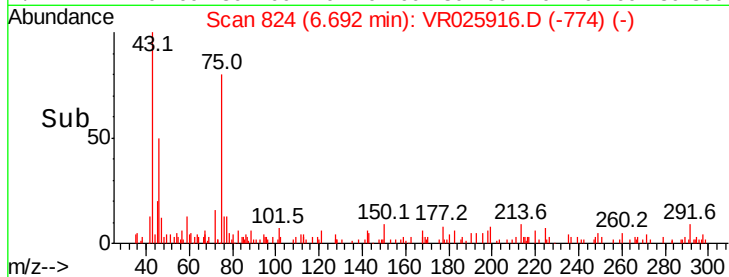
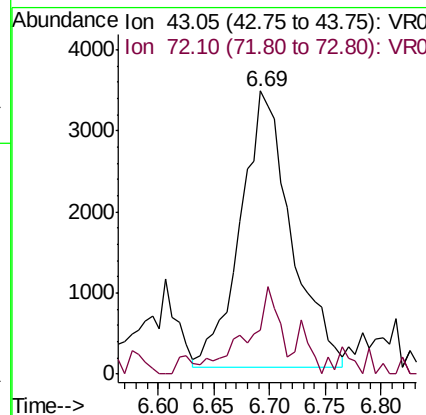
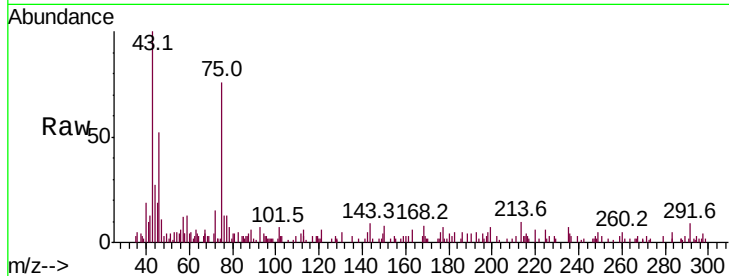




#21
2-Butanone
Concen: 2.537 ug/L
RT: 6.69 min Scan# 824
Delta R.T. 0.01 min
Lab File: VR025916.D
Acq: 1 Oct 2018 17:22

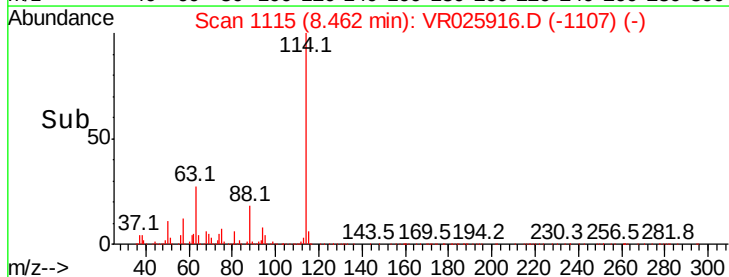
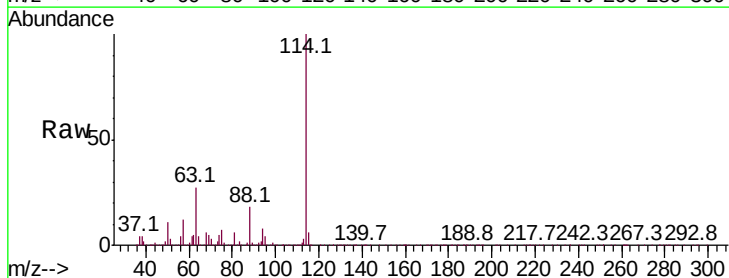
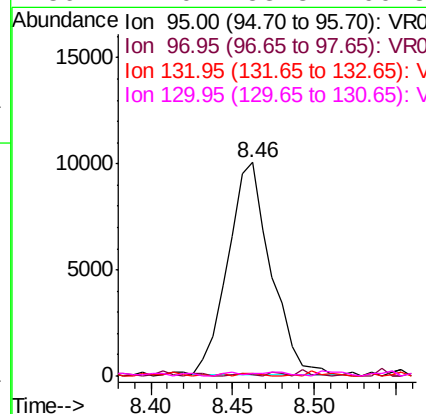
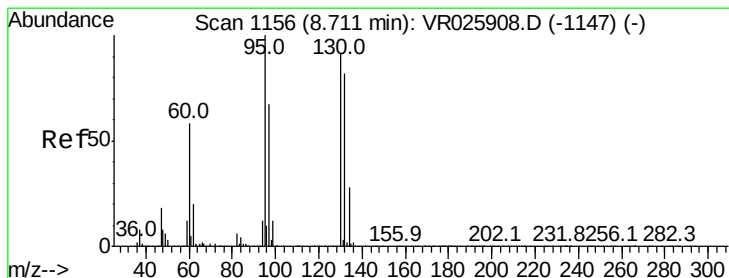
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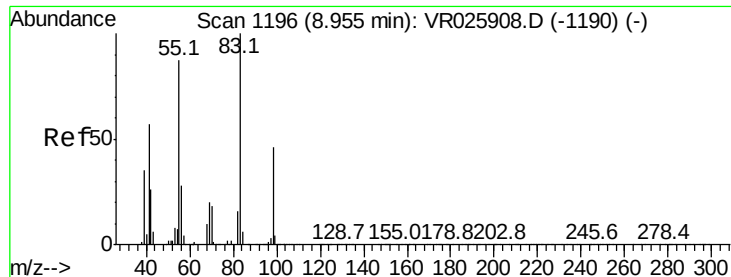
Tot Ion: 43 Resp: 10797
Ion Ratio Lower Upper
43 100
72 18.3 11.9 35.7



#34
Trichloroethene
Concen: 0.501 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.25 min
Lab File: VR025916.D
Acq: 1 Oct 2018 17:22

Tgt Ion: 95 Resp: 18260
Ion Ratio Lower Upper
95 100
97 0.5 43.9 81.5#
132 1.2 53.3 98.9#
130 1.0 53.8 99.8#

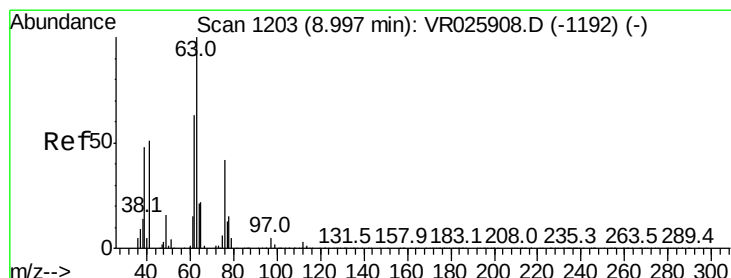
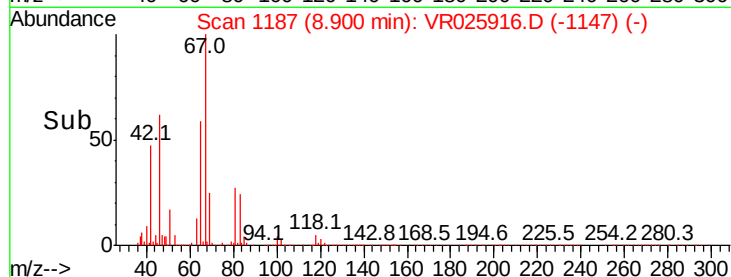
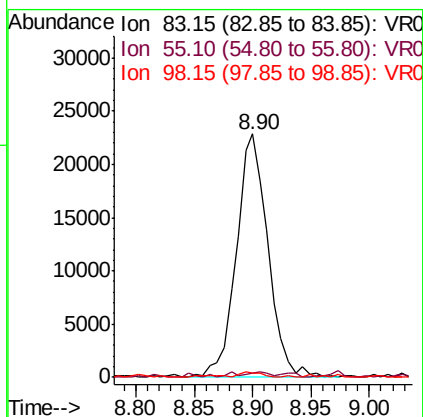
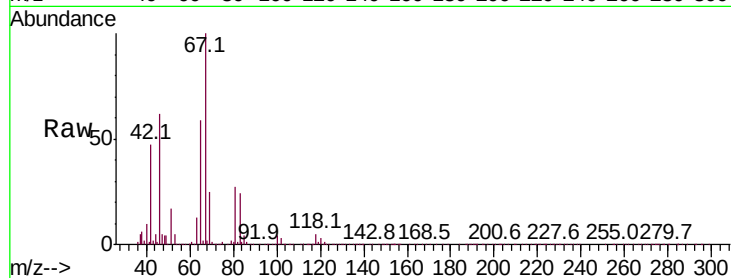




#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025916.D
Acq: 1 Oct 2018 17:22

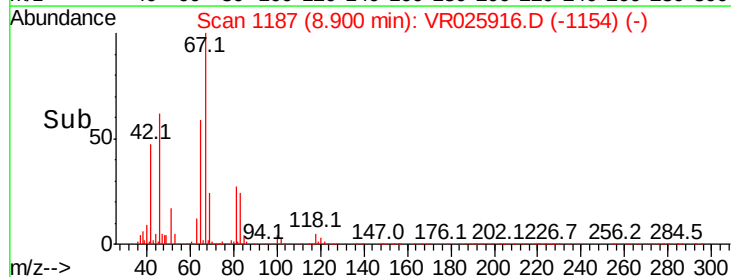
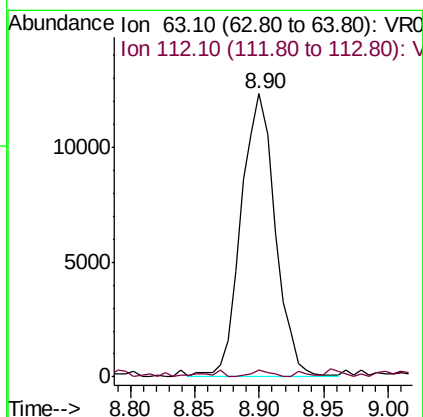
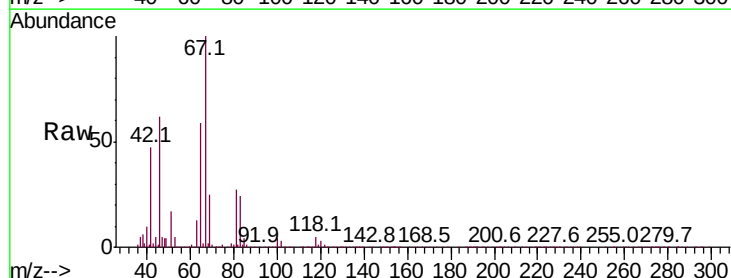
Instrument :
MSVOA_R
ClientSampleId :
ET0T3

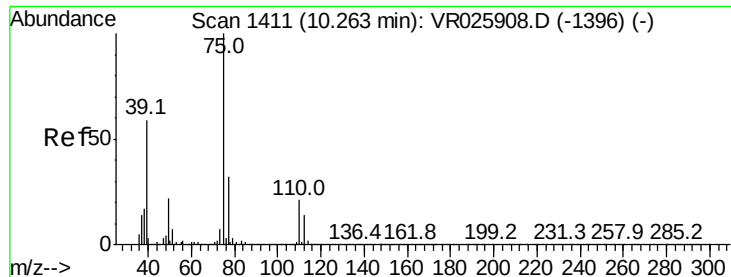
Tot Ion: 83 Resp: 43081
Ion Ratio Lower Upper
83 100
55 1.3 71.8 107.6#
98 1.4 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.765 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025916.D
Acq: 1 Oct 2018 17:22

Tgt Ion: 63 Resp: 22694
Ion Ratio Lower Upper
63 100
112 1.3 2.5 3.7#





#44

trans-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR025916.D

Acq: 1 Oct 2018 17:22

Instrument :

MSVOA_R

ClientSampleId :

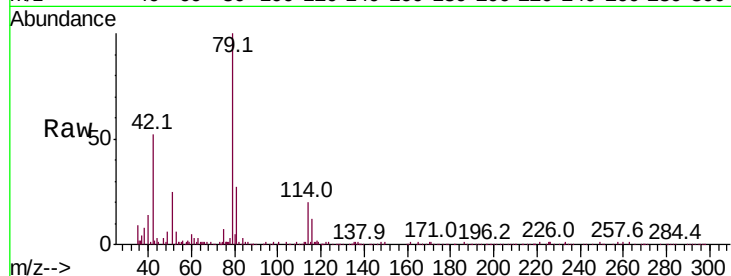
ET0T3

Tot Ion: 75 Resp: 2610

Ion Ratio Lower Upper

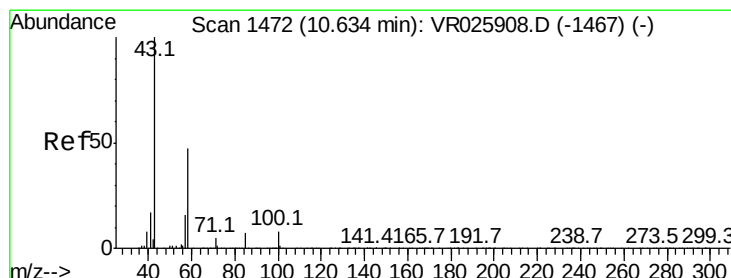
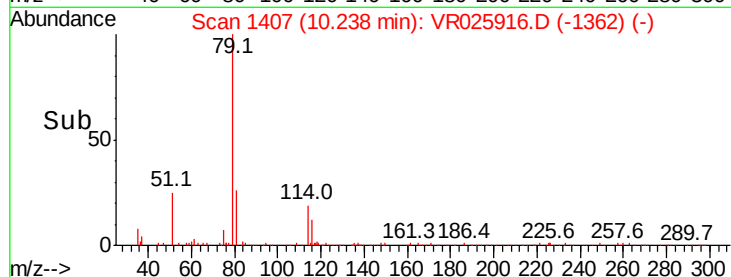
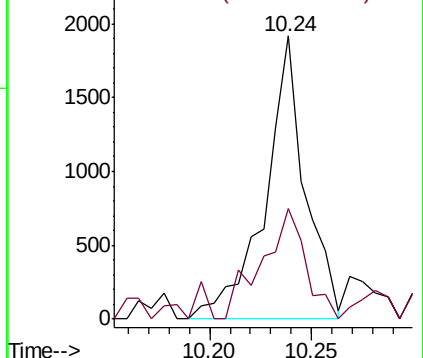
75 100

77 39.2 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0



#48

2-Hexanone

Concen: 4.322 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025916.D

Acq: 1 Oct 2018 17:22

Tgt Ion: 43 Resp: 29509

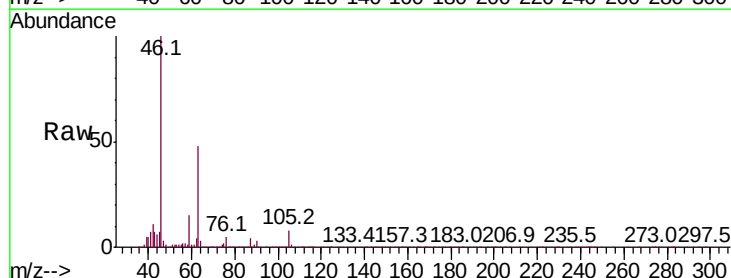
Ion Ratio Lower Upper

43 100

58 24.0 39.5 59.3#

57 22.1 14.6 21.8#

100 1.2 6.7 10.1#



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

