

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025346.D
 Acq On : 17 Jun 2018 5:01
 Operator : SY/MD
 Sample : J3513-06
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KE2

Quant Time: Jun 18 04:10:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 04:02:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	517663	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	438431	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	137703	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	72801	4.13	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	2.63	69	64077	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	3.63	63	134995	2.98	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	6.59	46	256028	54.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.34%
24) Chloroform-d	7.20	84	282124	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	7.89	65	111204	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	7.85	84	558465	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.20%
36) 1,2-Dichloropropane-d6	8.90	67	182010	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	9.97	98	448240	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.20%#
43) trans-1,3-Dichloropropene-	10.24	79	26787	2.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	47.60%#
46) 2-Hexanone-d5	10.59	63	203366	52.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.26%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83462	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	110029	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

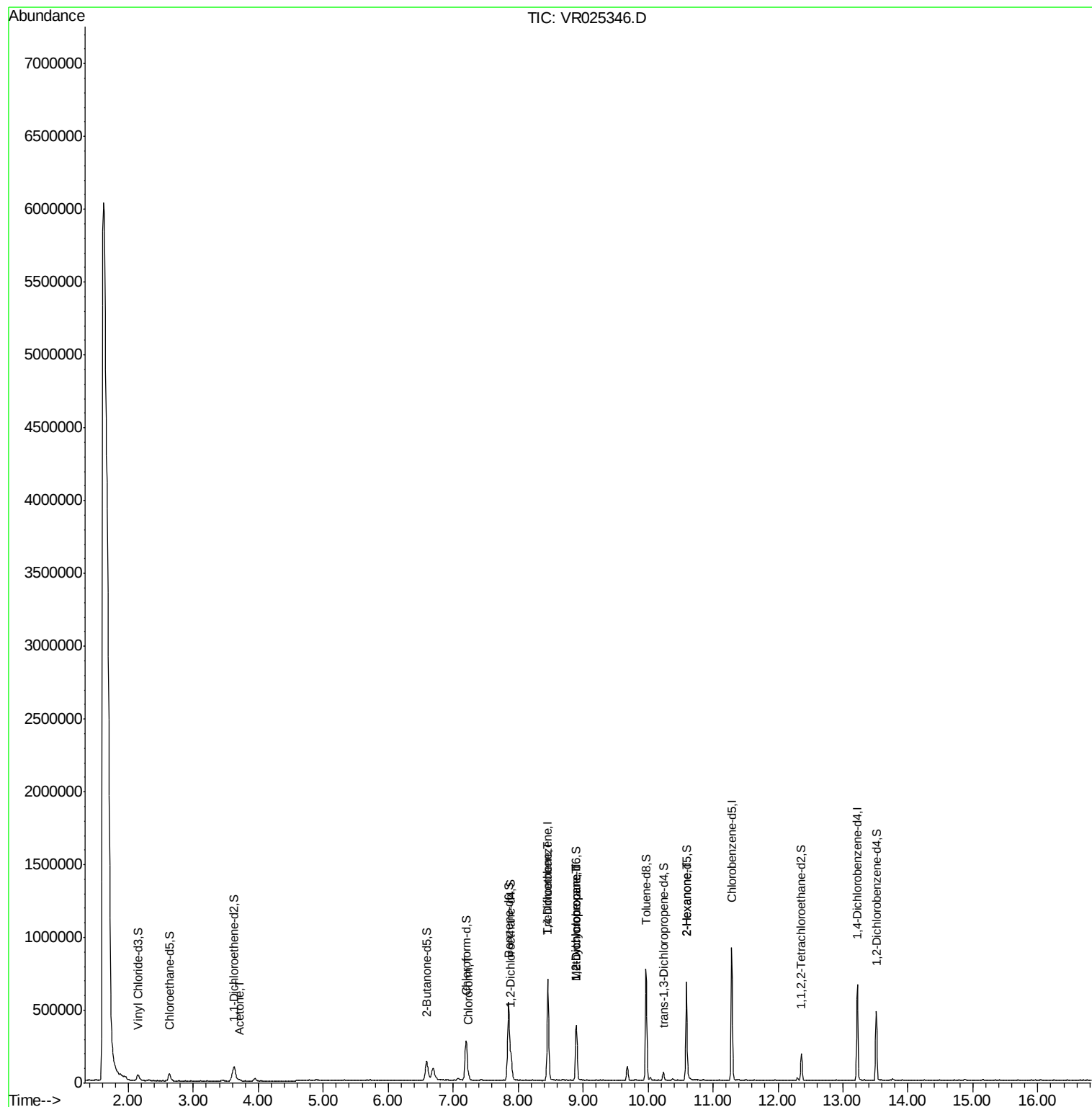
					Qvalue
13) Acetone	3.70	43	12395	5.807 ug/L	93
25) Chloroform	7.24	83	24551	0.382 ug/L	96
34) Trichloroethene	8.46	95	15222	0.366 ug/L #	9
35) Methylcyclohexane	8.90	83	40237	0.612 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	17138	0.448 ug/L #	94
48) 2-Hexanone	10.59	43	27005	3.421 ug/L #	78

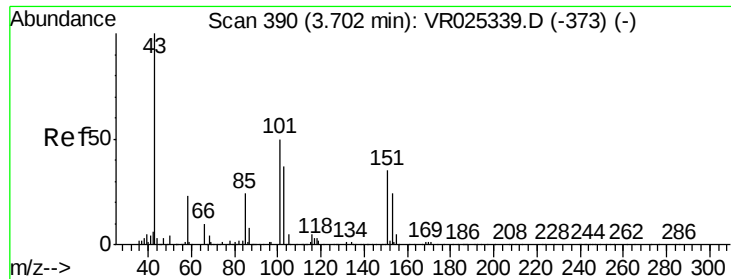
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.807 ug/L

RT: 3.70 min Scan# 390

Delta R.T. 0.00 min

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Acq: 17 Jun 2018 5:01

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MSVOA_R

ClientSampleId :

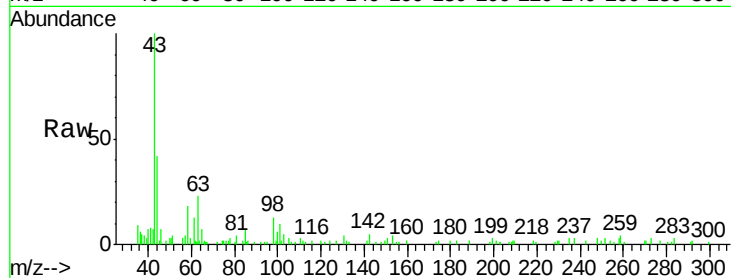
C0KE2

Tgt Ion: 43 Resp: 12395

Ion Ratio Lower Upper

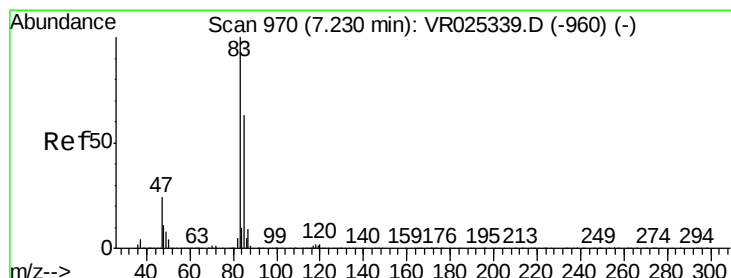
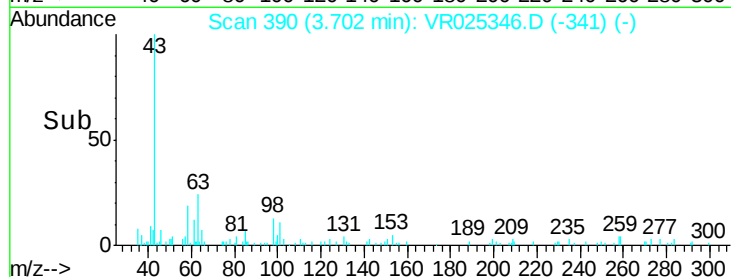
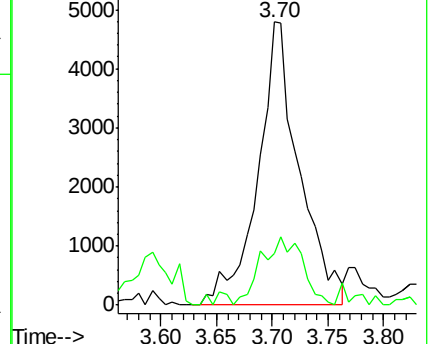
43 100

58 23.9 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#25

Chloroform

Concen: 0.382 ug/L

RT: 7.24 min Scan# 971

Delta R.T. 0.01 min

Lab File: VR025346.D

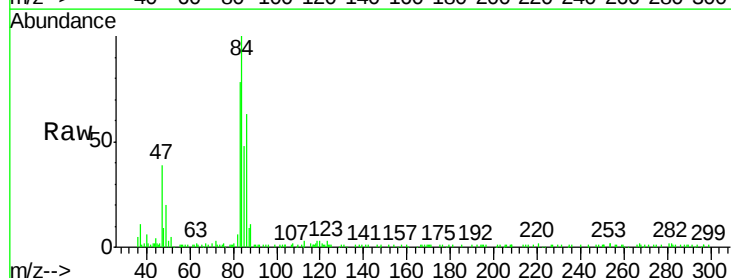
Acq: 17 Jun 2018 5:01

Tgt Ion: 83 Resp: 24551

Ion Ratio Lower Upper

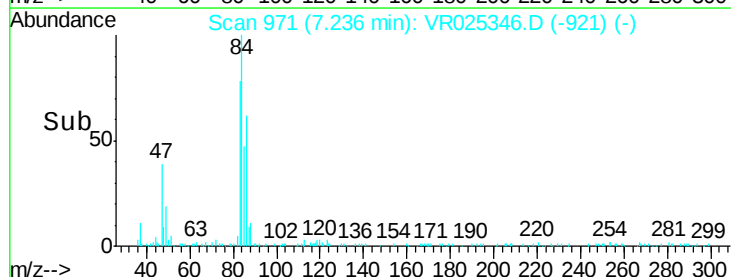
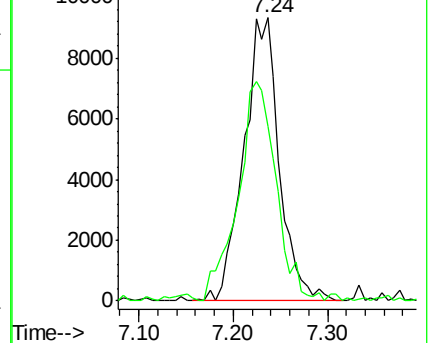
83 100

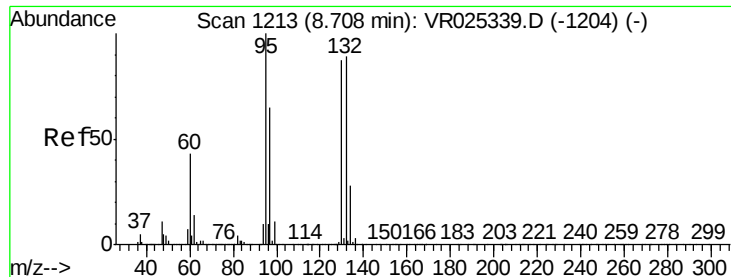
85 61.8 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0





#34

Trichloroethene

Concen: 0.366 ug/L

RT: 8.46 min Scan# 1172

Delta R.T. -0.25 min

Lab File: VR025346.D

Acq: 17 Jun 2018 5:01

Instrument :

MSVOA_R

ClientSampleId :

C0KE2

Tgt Ion: 95 Resp: 15222

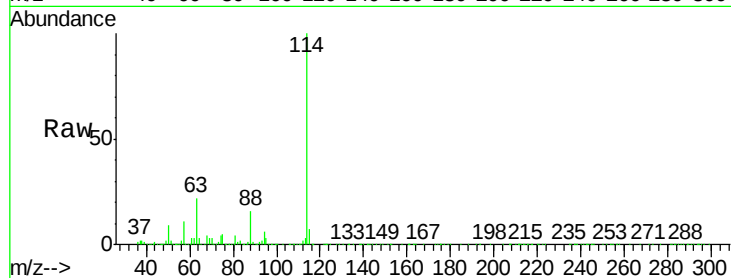
Ion Ratio Lower Upper

95 100

97 0.9 45.6 84.6#

132 0.0 60.9 113.1#

130 0.7 62.0 115.2#

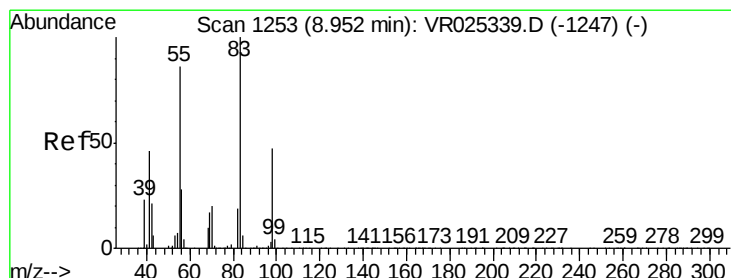
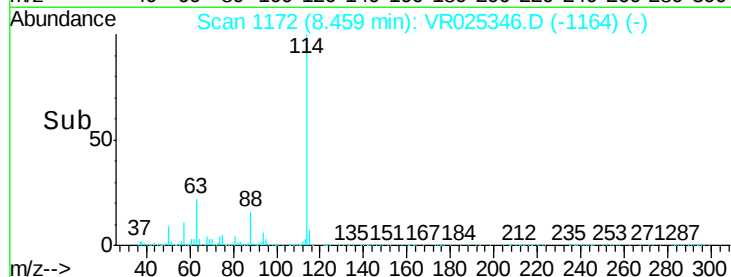
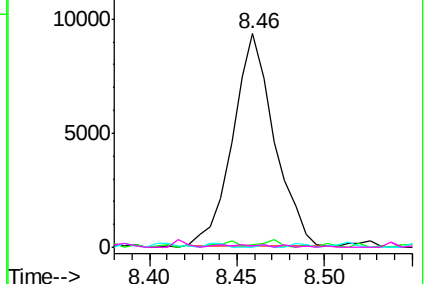


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.612 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.05 min

Lab File: VR025346.D

Acq: 17 Jun 2018 5:01

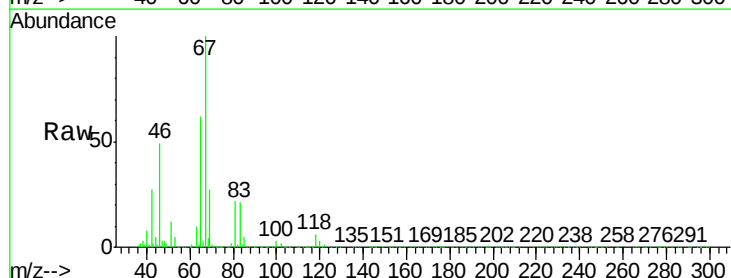
Tgt Ion: 83 Resp: 40237

Ion Ratio Lower Upper

83 100

55 1.1 66.1 99.1#

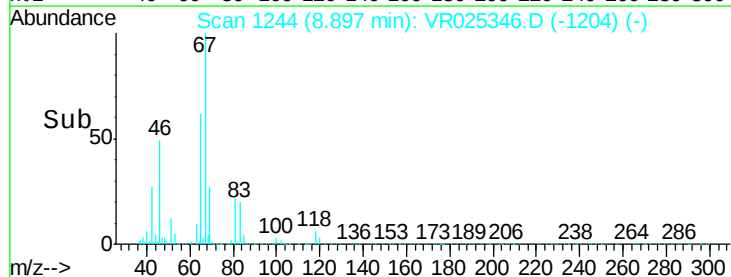
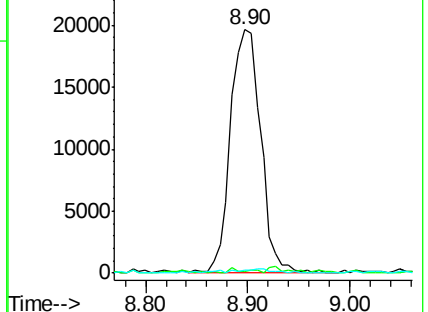
98 2.1 36.2 54.4#

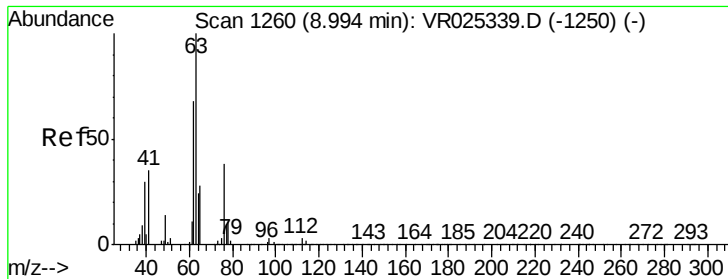


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

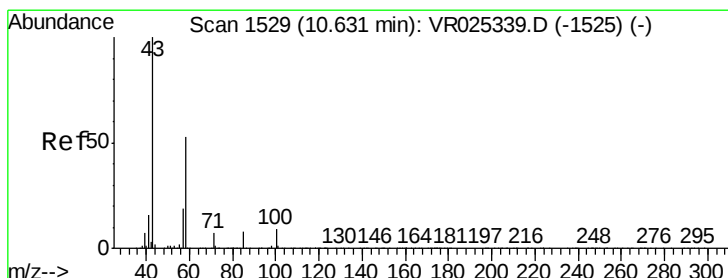
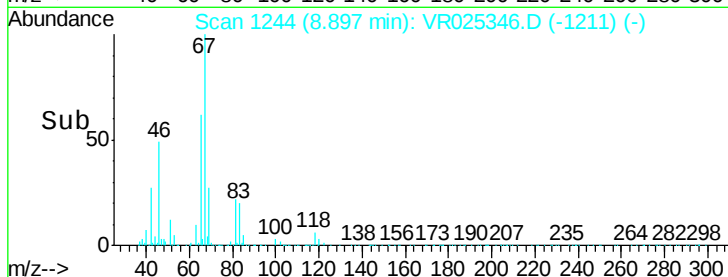
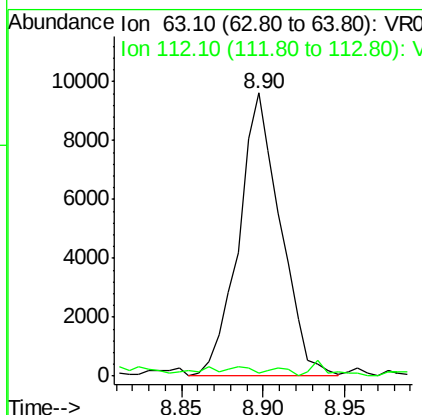
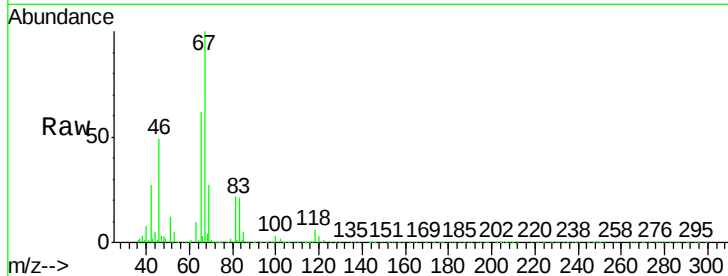




#37
 1,2-Dichloropropane
 Concen: 0.448 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.10 min
 Lab File: VR025346.D
 Acq: 17 Jun 2018 5:01

Instrument :
 MSVOA_R
 ClientSampleId :
 COKE2

Tgt Ion: 63 Resp: 17138
 Ion Ratio Lower Upper
 63 100
 112 1.5 2.9 4.3#



#48
 2-Hexanone
 Concen: 3.421 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.04 min
 Lab File: VR025346.D
 Acq: 17 Jun 2018 5:01

Tgt Ion: 43 Resp: 27005
 Ion Ratio Lower Upper
 43 100
 58 35.9 43.1 64.7#
 57 26.7 15.3 22.9#
 100 3.3 7.9 11.9#

