

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062018\
 Data File : VR025381.D
 Acq On : 20 Jun 2018 15:23
 Operator : SY/MD
 Sample : J3514-17
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KH4

Quant Time: Jun 21 01:41:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 21 01:40:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	501943	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	434663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	149944	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	77500	4.53	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	2.64	69	61482	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	3.63	63	156390	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	6.60	46	296662	64.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.48%
24) Chloroform-d	7.21	84	359171	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
26) 1,2-Dichloroethane-d4	7.89	65	147833	6.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.00%
32) Benzene-d6	7.86	84	746156	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	8.90	67	233364	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	9.97	98	634872	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	10.24	79	42856	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	10.59	63	252170	65.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.40%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	108014	6.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	132.60%#
64) 1,2-Dichlorobenzene-d4	13.51	152	155441	6.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.20%#

Target Compounds

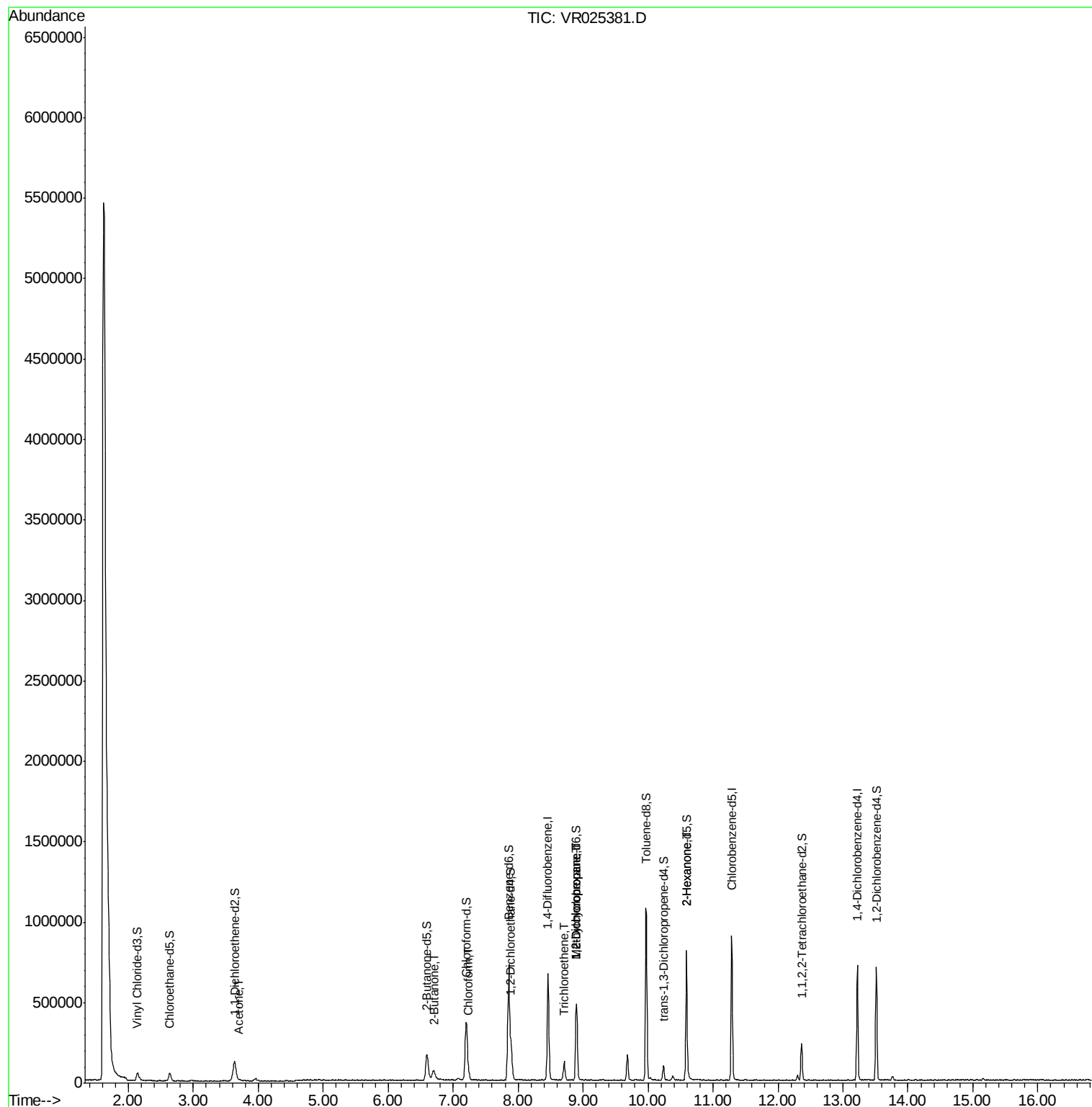
					Qvalue
13) Acetone	3.71	43	10842	5.238	ug/L 100
21) 2-Butanone	6.70	43	12058	2.465	ug/L 75
25) Chloroform	7.24	83	45342	0.728	ug/L 90
34) Trichloroethene	8.71	95	40530	0.982	ug/L 95
35) Methylcyclohexane	8.90	83	51085	0.784	ug/L # 18
37) 1,2-Dichloropropane	8.90	63	24440	0.644	ug/L # 94
48) 2-Hexanone	10.59	43	29956	3.828	ug/L # 71

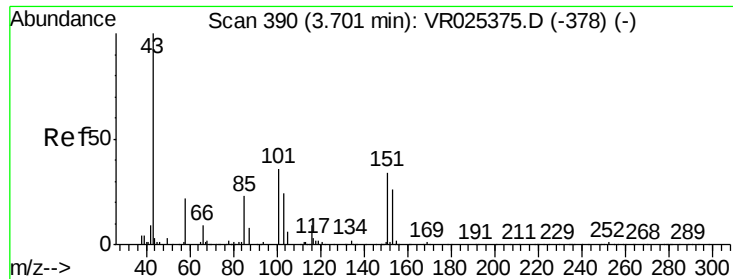
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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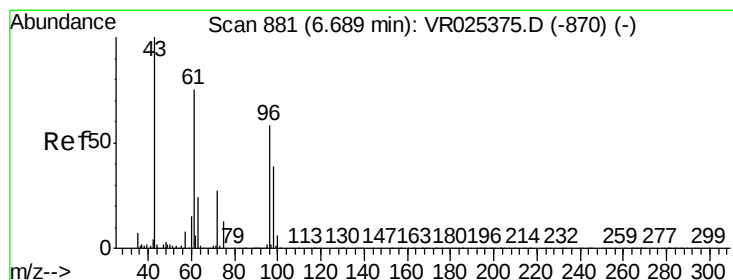
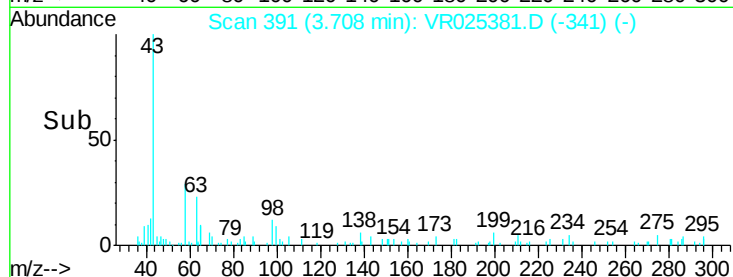
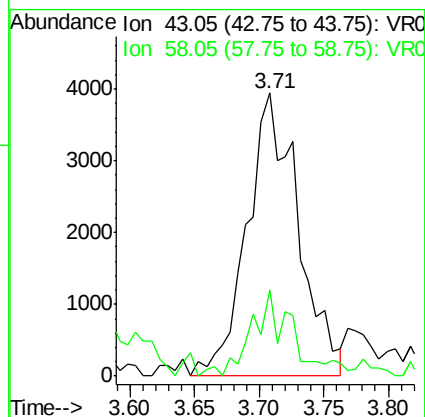
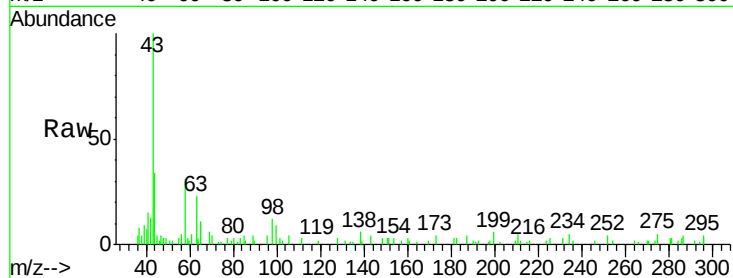




#13
Acetone
Concen: 5.238 ug/L
RT: 3.71 min Scan# 391
Delta R.T. 0.01 min
Lab File: VR025381.D
Acq: 20 Jun 2018 15:23

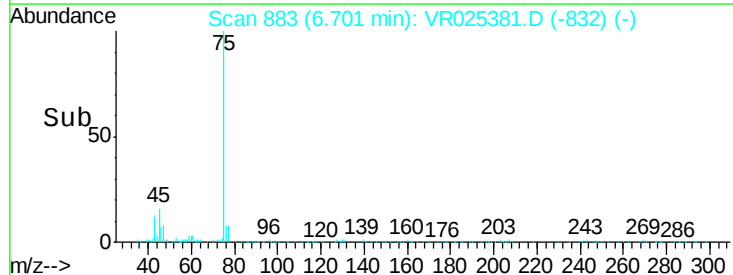
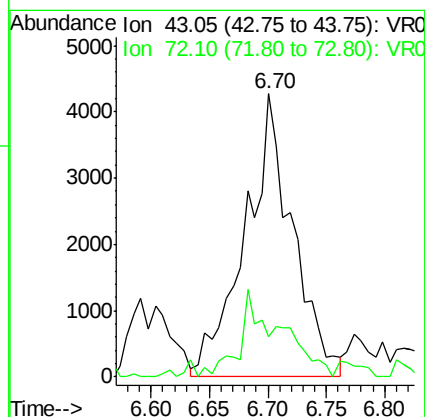
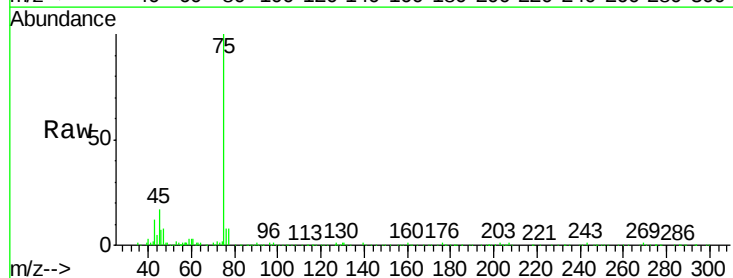
Instrument :
MSVOA_R
ClientSampleId :
C0KH4

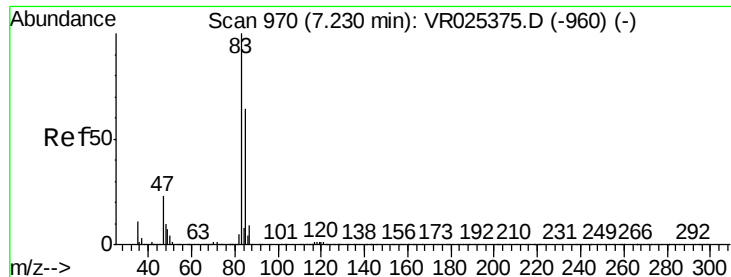
Tgt Ion: 43 Resp: 10842
Ion Ratio Lower Upper
43 100
58 20.9 0.0 41.6



#21
2-Butanone
Concen: 2.465 ug/L
RT: 6.70 min Scan# 883
Delta R.T. 0.01 min
Lab File: VR025381.D
Acq: 20 Jun 2018 15:23

Tgt Ion: 43 Resp: 12058
Ion Ratio Lower Upper
43 100
72 13.0 13.0 38.9





#25

Chloroform

Concen: 0.728 ug/L

RT: 7.24 min Scan# 971

Delta R.T. 0.01 min

Lab File: VR025381.D

Acq: 20 Jun 2018 15:23

Instrument :

MSVOA_R

ClientSampleId :

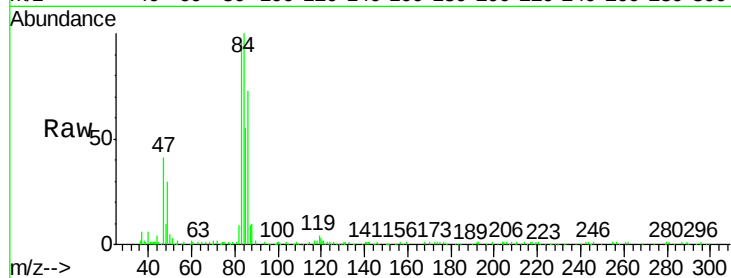
C0KH4

Tgt Ion: 83 Resp: 45342

Ion Ratio Lower Upper

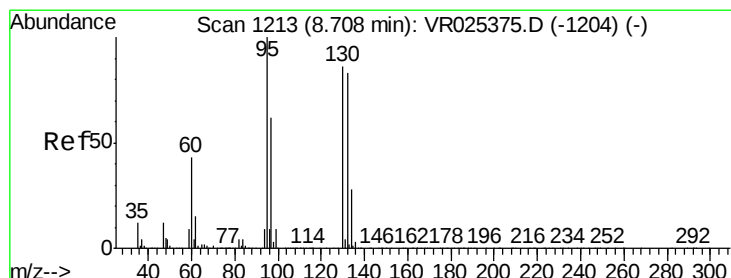
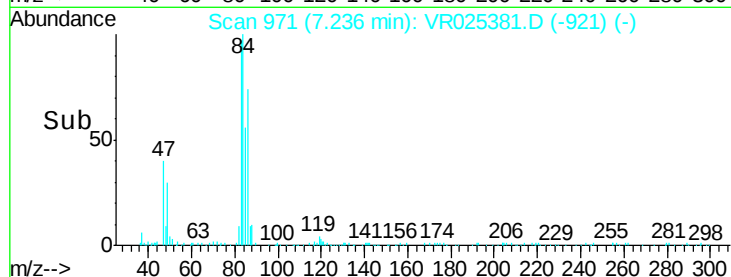
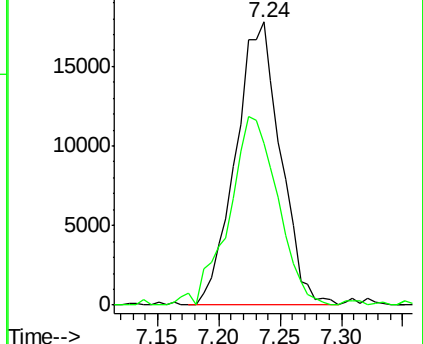
83 100

85 57.4 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: 0.982 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025381.D

Acq: 20 Jun 2018 15:23

Tgt Ion: 95 Resp: 40530

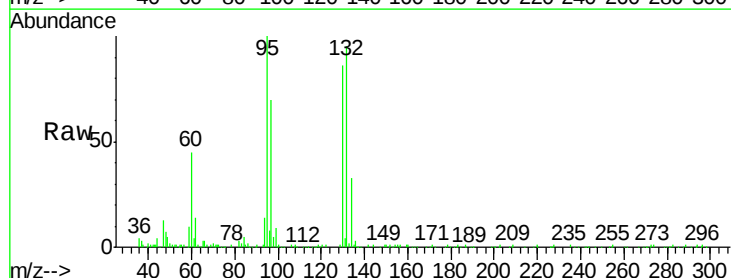
Ion Ratio Lower Upper

95 100

97 69.7 45.6 84.6

132 94.7 60.9 113.1

130 86.4 62.0 115.2

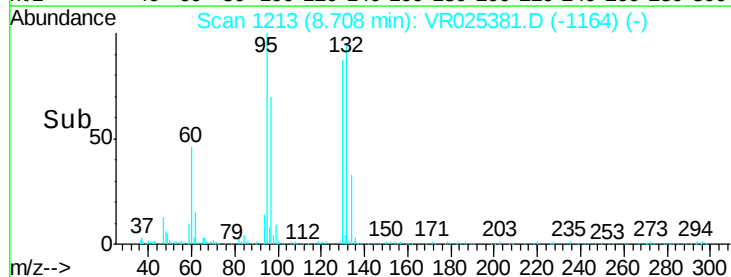
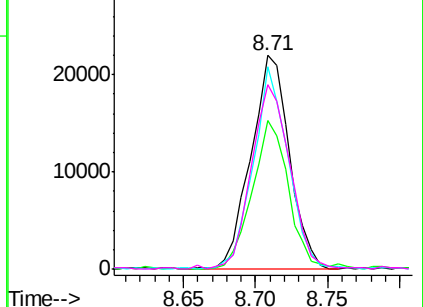


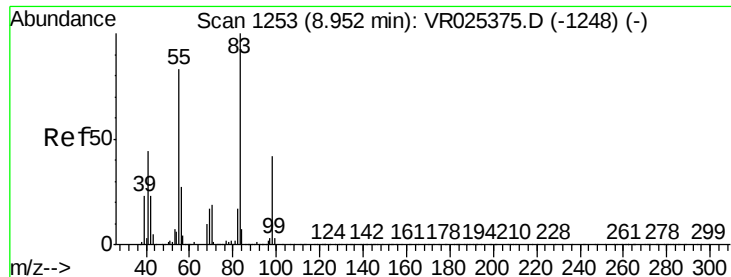
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

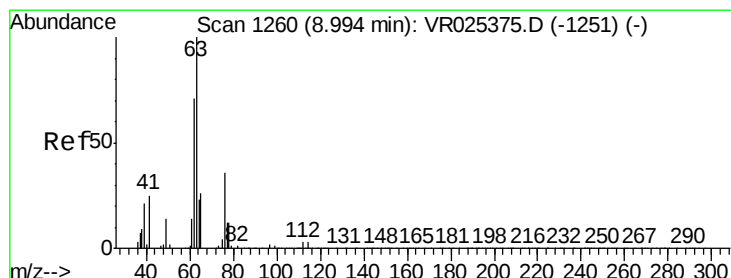
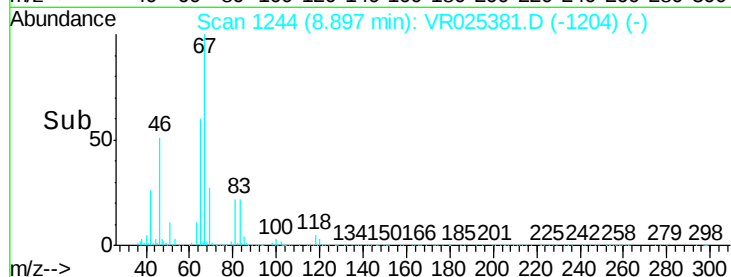
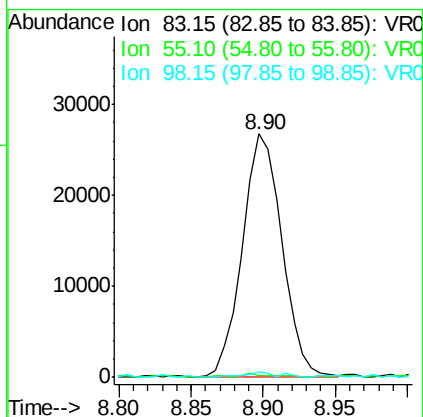
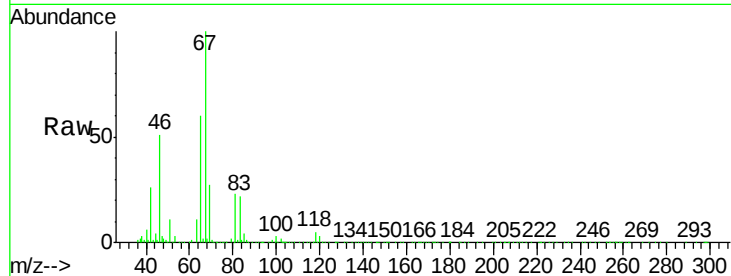




#35
Methylcyclohexane
Concen: 0.784 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.05 min
Lab File: VR025381.D
Acq: 20 Jun 2018 15:23

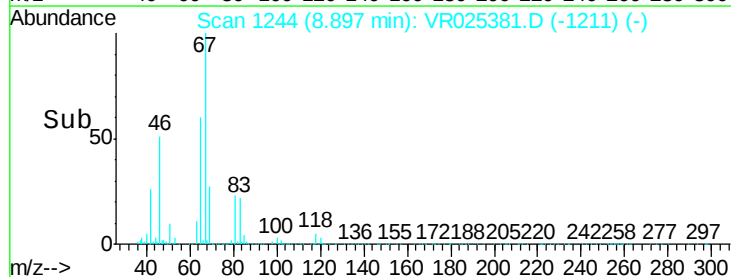
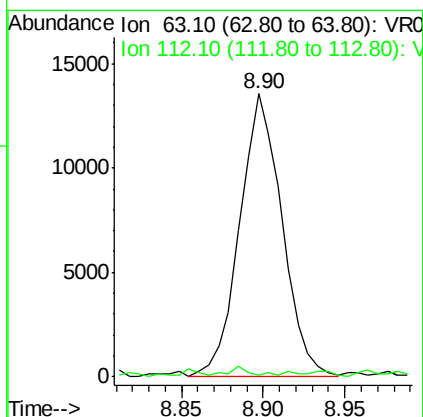
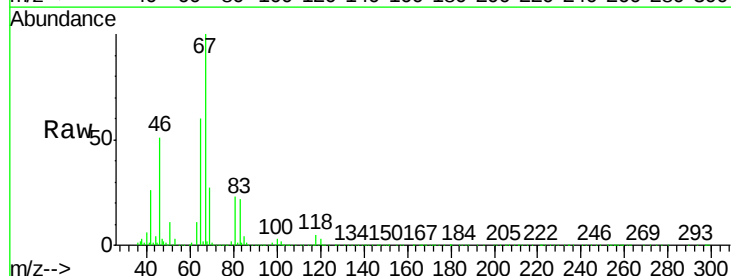
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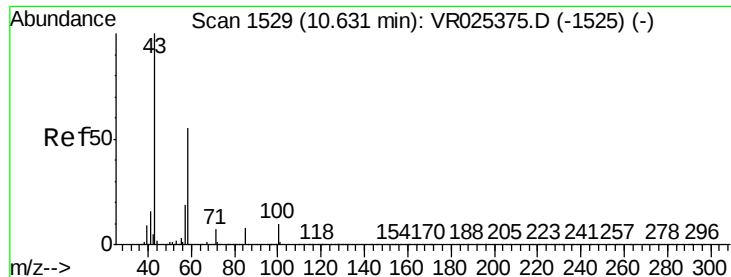
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.2	66.1	99.1#
98	1.5	36.2	54.4#



#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025381.D
Acq: 20 Jun 2018 15:23

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





#48

2-Hexanone

Concen: 3.828 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025381.D

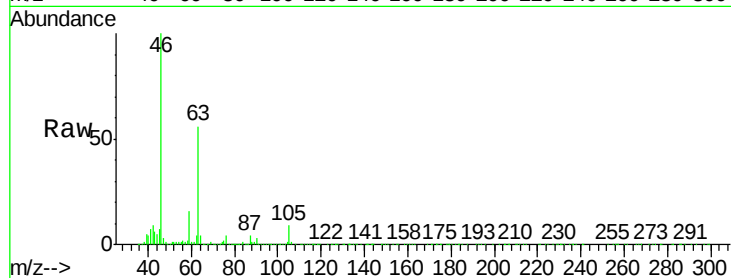
Acq: 20 Jun 2018 15:23

Instrument :

MSVOA_R

ClientSampleId :

C0KH4



Tgt Ion:	43	Resp:	29956
Ion	Ratio	Lower	Upper
43	100		
58	31.8	43.1	64.7#
57	33.5	15.3	22.9#
100	5.5	7.9	11.9#

