

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062018\
 Data File : VR025387.D
 Acq On : 20 Jun 2018 18:41
 Operator : SY/MD
 Sample : J3553-12DL 5X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KKODL

Quant Time: Jun 21 01:42:33 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	8.46	114	542329	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	449390	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	162670	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	75605	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	2.63	69	56077	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	3.63	63	152897	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	6.60	46	341130	68.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.80%#
24) Chloroform-d	7.21	84	367036	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	7.90	65	157059	5.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.00%
32) Benzene-d6	7.86	84	773922	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	8.90	67	240838	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	9.97	98	646440	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	10.24	79	41136	3.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.40%
46) 2-Hexanone-d5	10.59	63	278150	69.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.12%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	111258	6.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	132.00%#
64) 1,2-Dichlorobenzene-d4	13.51	152	157444	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

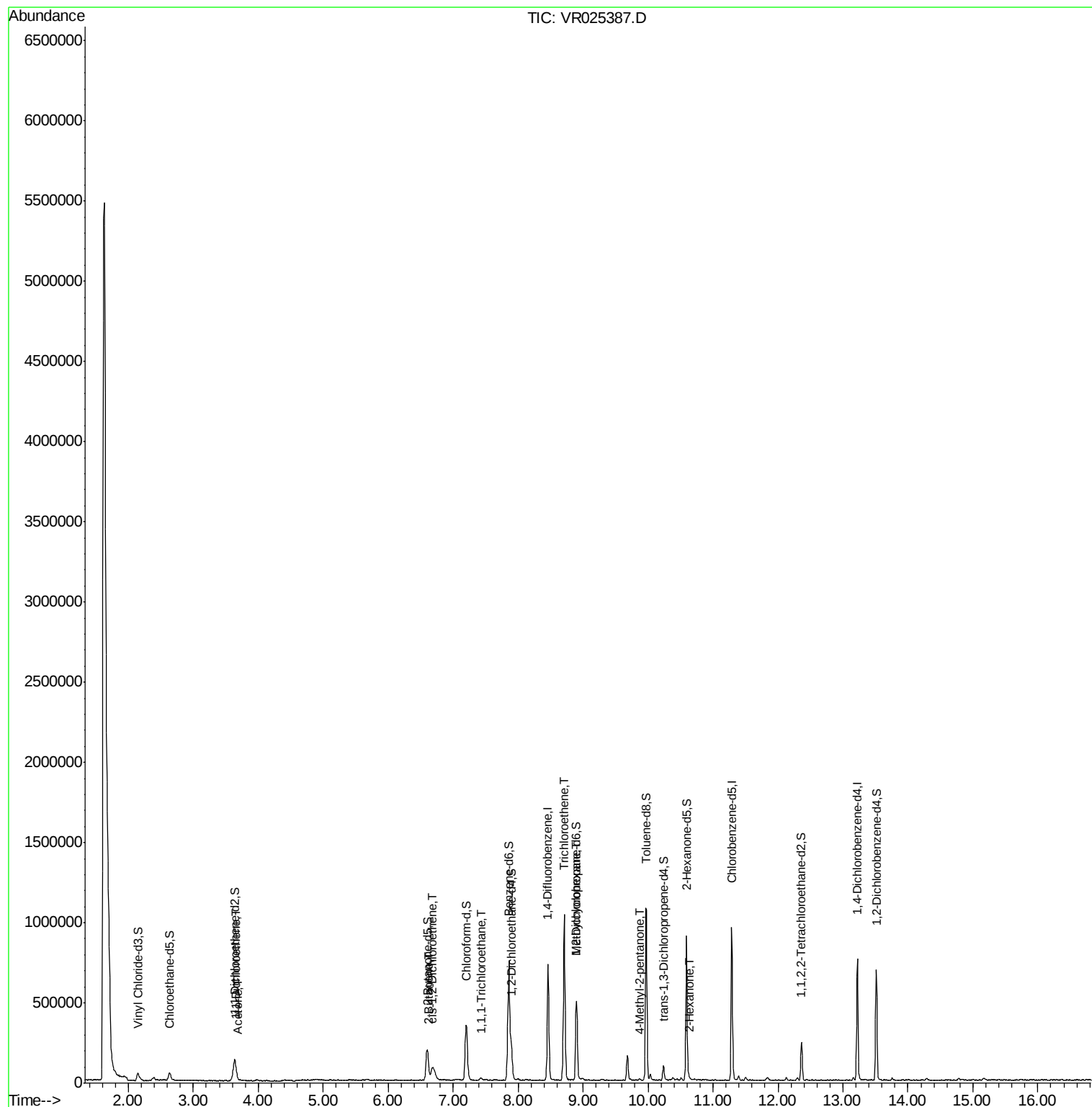
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.66	96	11455	0.601	ug/L #	1
13) Acetone	3.70	43	5445	2.435	ug/L	98
21) 2-Butanone	6.63	43	1294	0.245	ug/L	82
22) cis-1,2-Dichloroethene	6.68	96	42278	1.034	ug/L #	92
29) 1,1,1-Trichloroethane	7.42	97	12595	0.236	ug/L	89
34) Trichloroethene	8.71	95	354367	8.301	ug/L	97
35) Methylcyclohexane	8.90	83	56648	0.841	ug/L #	18
40) 4-Methyl-2-pentanone	9.87	43	4782	0.377	ug/L #	77
48) 2-Hexanone	10.64	43	3896	0.482	ug/L #	41

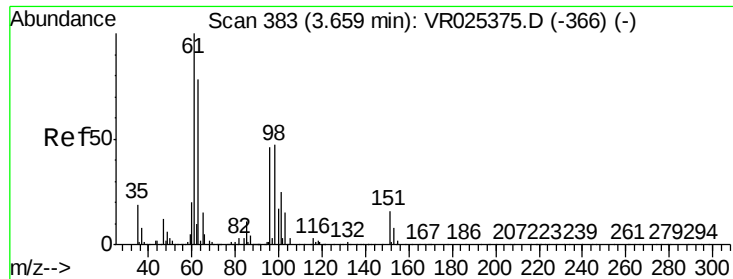
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_R\DATA\VR062018\
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Misc : 25mL/MSVOA_R/WATER
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 21 01:40:03 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.601 ug/L

RT: 3.66 min Scan# 383

Delta R.T. -0.00 min

Lab File: VR025387.D

Acq: 20 Jun 2018 18:41

Instrument :

MSVOA_R

ClientSampleId :

C0KKODL

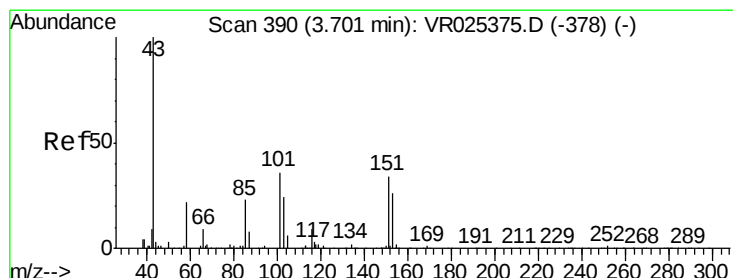
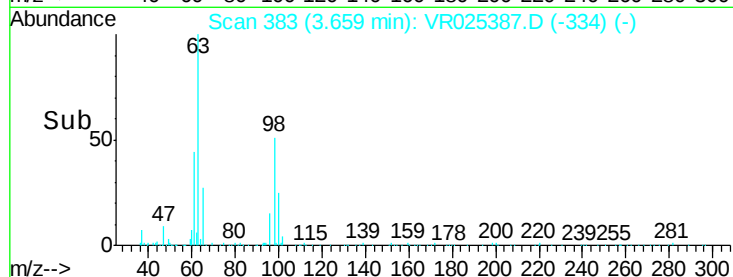
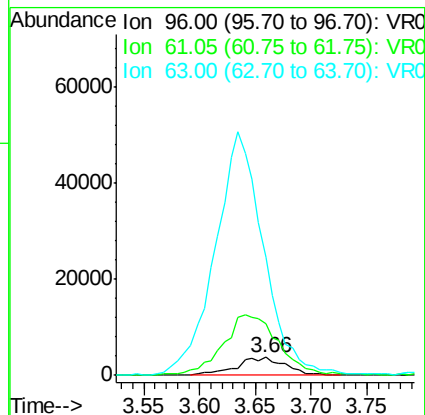
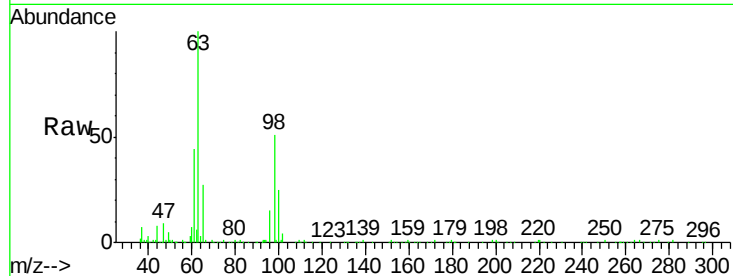
Tgt Ion: 96 Resp: 11455

Ion Ratio Lower Upper

96 100

61 291.0 155.0 287.9#

63 661.8 122.3 227.1#



#13

Acetone

Concen: 2.435 ug/L

RT: 3.70 min Scan# 389

Delta R.T. -0.01 min

Lab File: VR025387.D

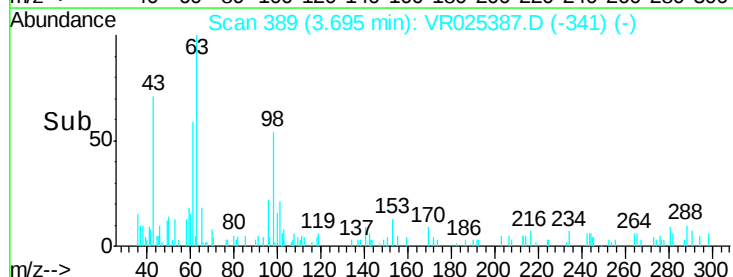
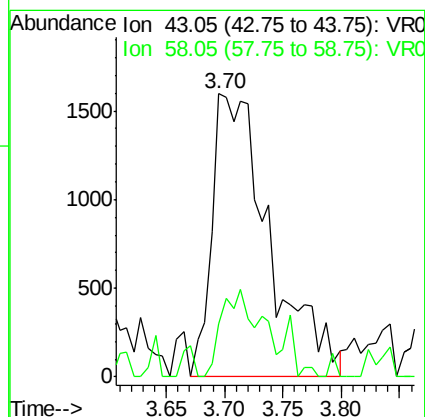
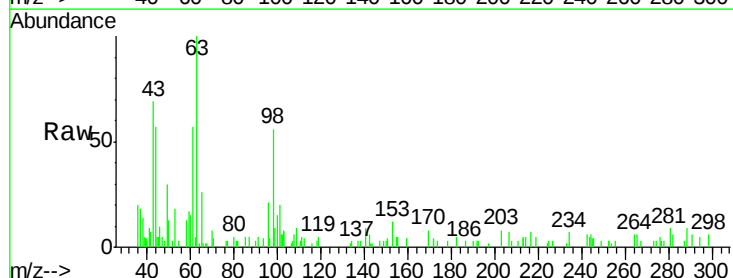
Acq: 20 Jun 2018 18:41

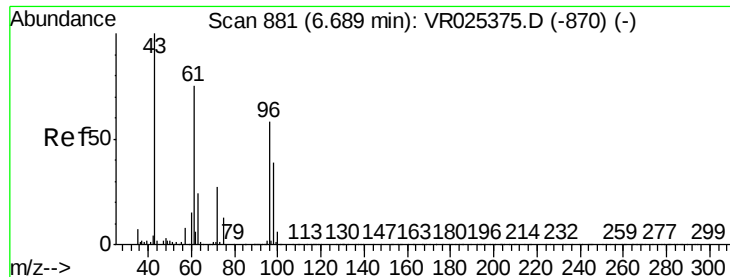
Tgt Ion: 43 Resp: 5445

Ion Ratio Lower Upper

43 100

58 21.7 0.0 41.6





#21

2-Butanone

Concen: 0.245 ug/L

RT: 6.63 min Scan# 872

Delta R.T. -0.05 min

Lab File: VR025387.D

Acq: 20 Jun 2018 18:41

Instrument :

MSVOA_R

ClientSampleId :

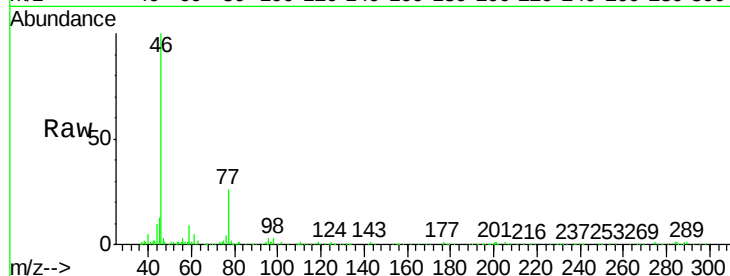
C0KKODL

Tgt Ion: 43 Resp: 1294

Ion Ratio Lower Upper

43 100

72 16.5 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

6.63

1200

1000

800

600

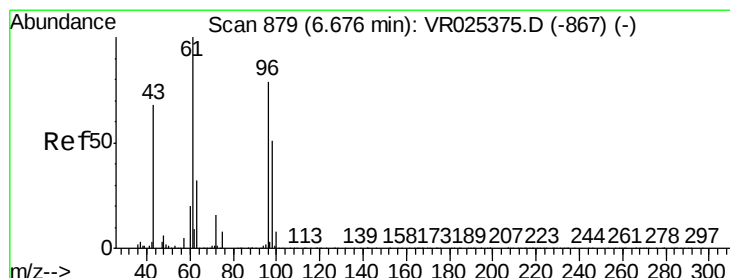
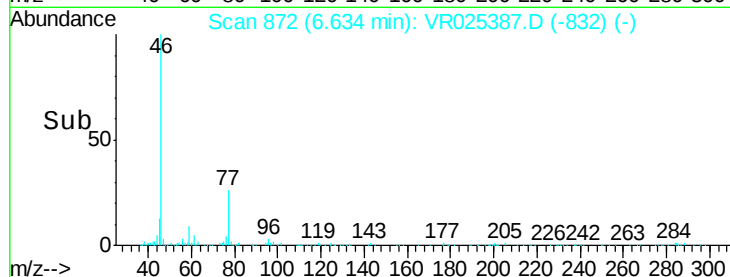
400

200

0

6.60 6.62 6.64 6.66

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.034 ug/L

RT: 6.68 min Scan# 880

Delta R.T. 0.01 min

Lab File: VR025387.D

Acq: 20 Jun 2018 18:41

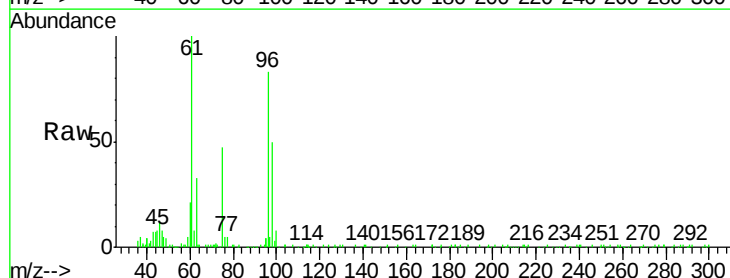
Tgt Ion: 96 Resp: 42278

Ion Ratio Lower Upper

96 100

61 120.3 91.0 169.0

68 0.7 0.0 0.0#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0

25000

20000

15000

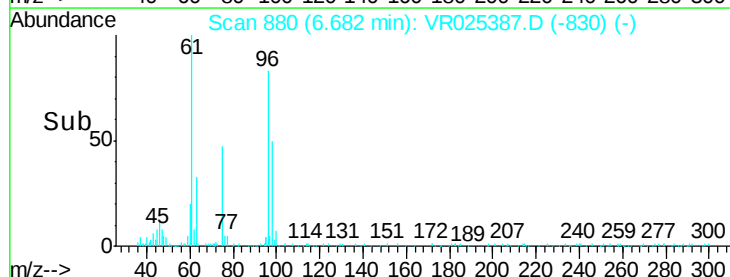
10000

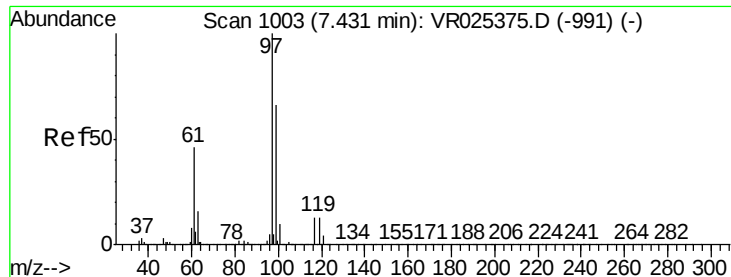
5000

0

6.60 6.70 6.80

Time-->

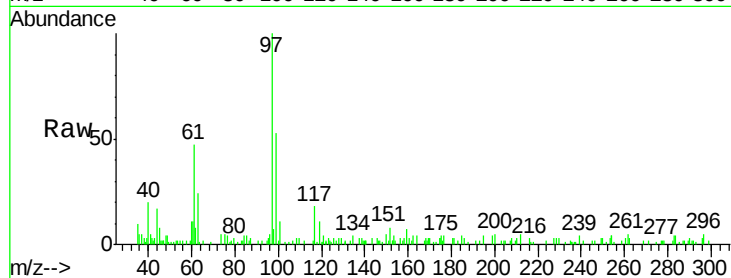




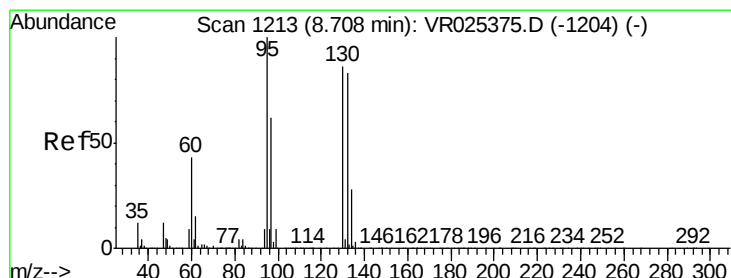
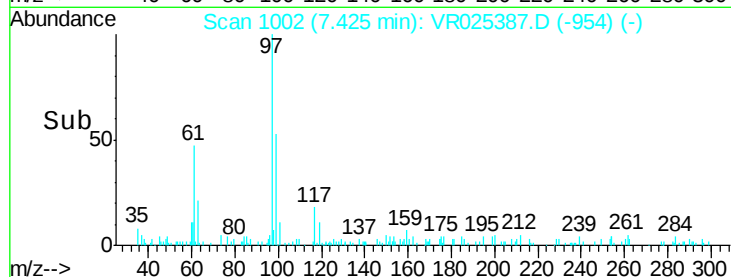
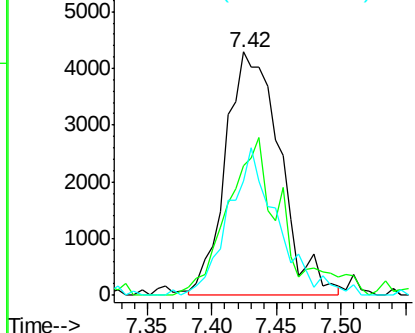
#29
 1,1,1-Trichloroethane
 Concen: 0.236 ug/L
 RT: 7.42 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: VR025387.D
 Acq: 20 Jun 2018 18:41

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KKODL

Tgt Ion:	97	Resp:	12595
Ion	Ratio	Lower	Upper
97	100		
99	58.1	52.1	78.1
61	55.2	37.0	55.6

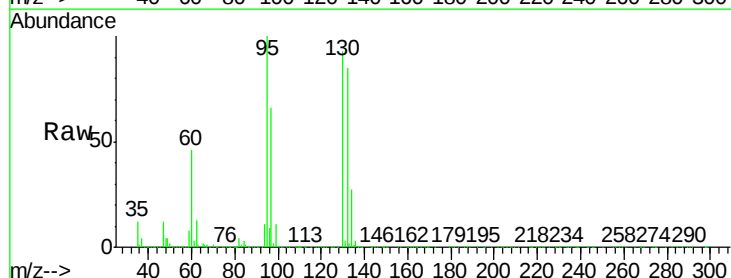


Abundance Ion 96.95 (96.65 to 97.65): VR0
 Ion 99.05 (98.75 to 99.75): VR0
 Ion 61.05 (60.75 to 61.75): VR0

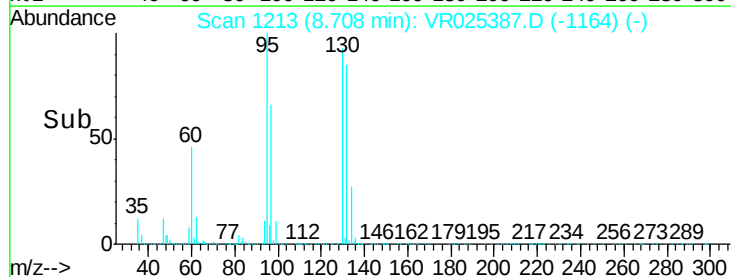
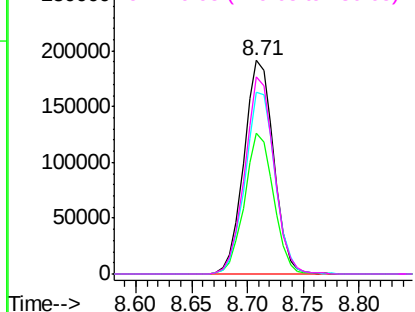


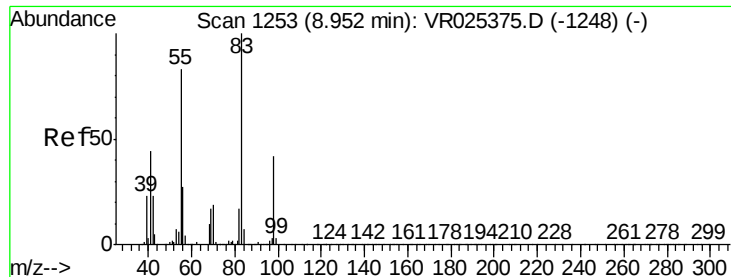
#34
 Trichloroethene
 Concen: 8.301 ug/L
 RT: 8.71 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: VR025387.D
 Acq: 20 Jun 2018 18:41

Tgt Ion:	95	Resp:	354367
Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.6	84.6
132	85.1	60.9	113.1
130	92.5	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

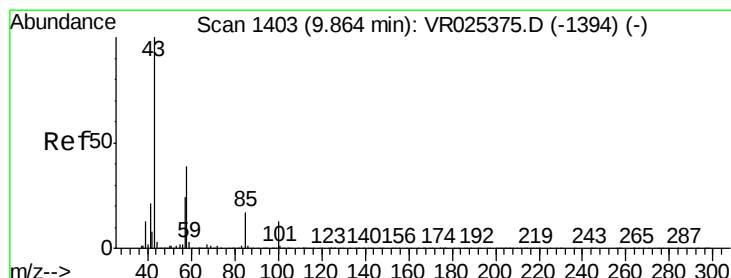
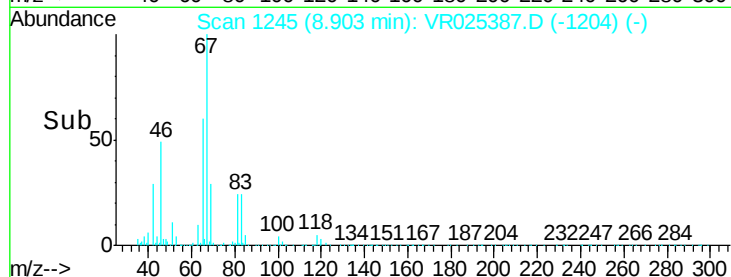
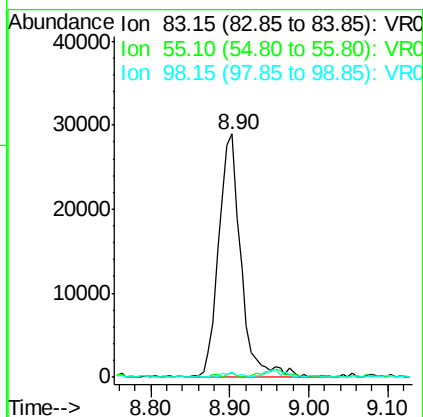
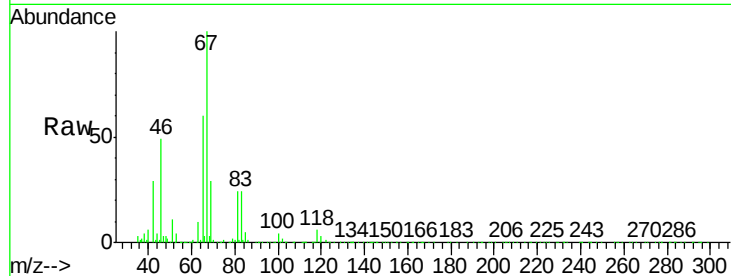




#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025387.D
Acq: 20 Jun 2018 18:41

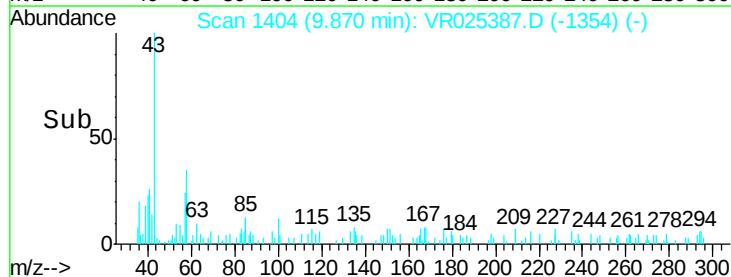
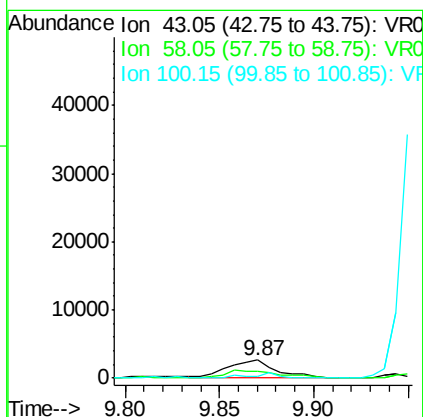
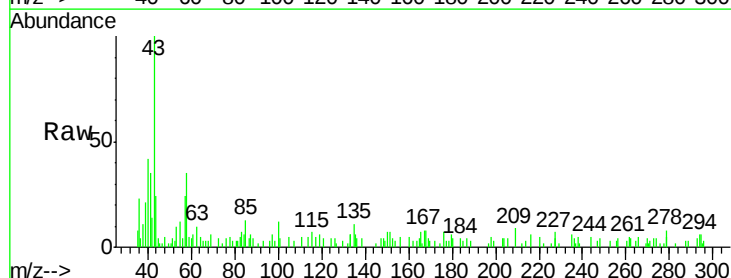
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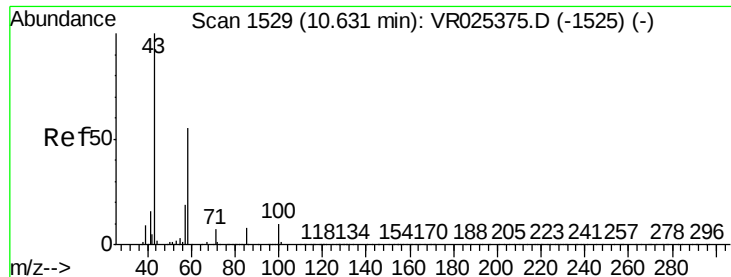
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.7	66.1	99.1#
98	2.0	36.2	54.4#



#40
4-Methyl-2-pentanone
Concen: 0.377 ug/L
RT: 9.87 min Scan# 1404
Delta R.T. 0.01 min
Lab File: VR025387.D
Acq: 20 Jun 2018 18:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	49.4	30.3	45.5#
100	0.0	10.3	15.5#





#48

2-Hexanone

Concen: 0.482 ug/L

RT: 10.64 min Scan# 1530

Delta R.T. 0.01 min

Lab File: VR025387.D

Acq: 20 Jun 2018 18:41

Instrument :

MSVOA_R

ClientSampleId :

C0KK0DL

Tgt Ion: 43 Resp: 3896

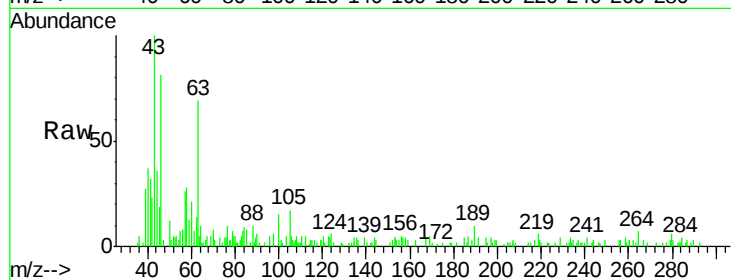
Ion Ratio Lower Upper

43 100

58 0.0 43.1 64.7#

57 0.0 15.3 22.9#

100 9.7 7.9 11.9



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

