

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062018\
 Data File : VR025377.D
 Acq On : 20 Jun 2018 13:10
 Operator : SY/MD
 Sample : J3514-13
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KH0

Quant Time: Jun 21 01:41:16 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	630924	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	512502	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	174983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	88175	4.10	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	2.64	69	66677	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	3.65	63	201186	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	6.59	46	286399	49.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.44%
24) Chloroform-d	7.20	84	378792	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	7.89	65	149574	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	7.86	84	809570	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	8.90	67	238480	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	9.97	98	695005	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	10.24	79	47805	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	10.59	63	226298	49.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.26%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	98562	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	157656	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

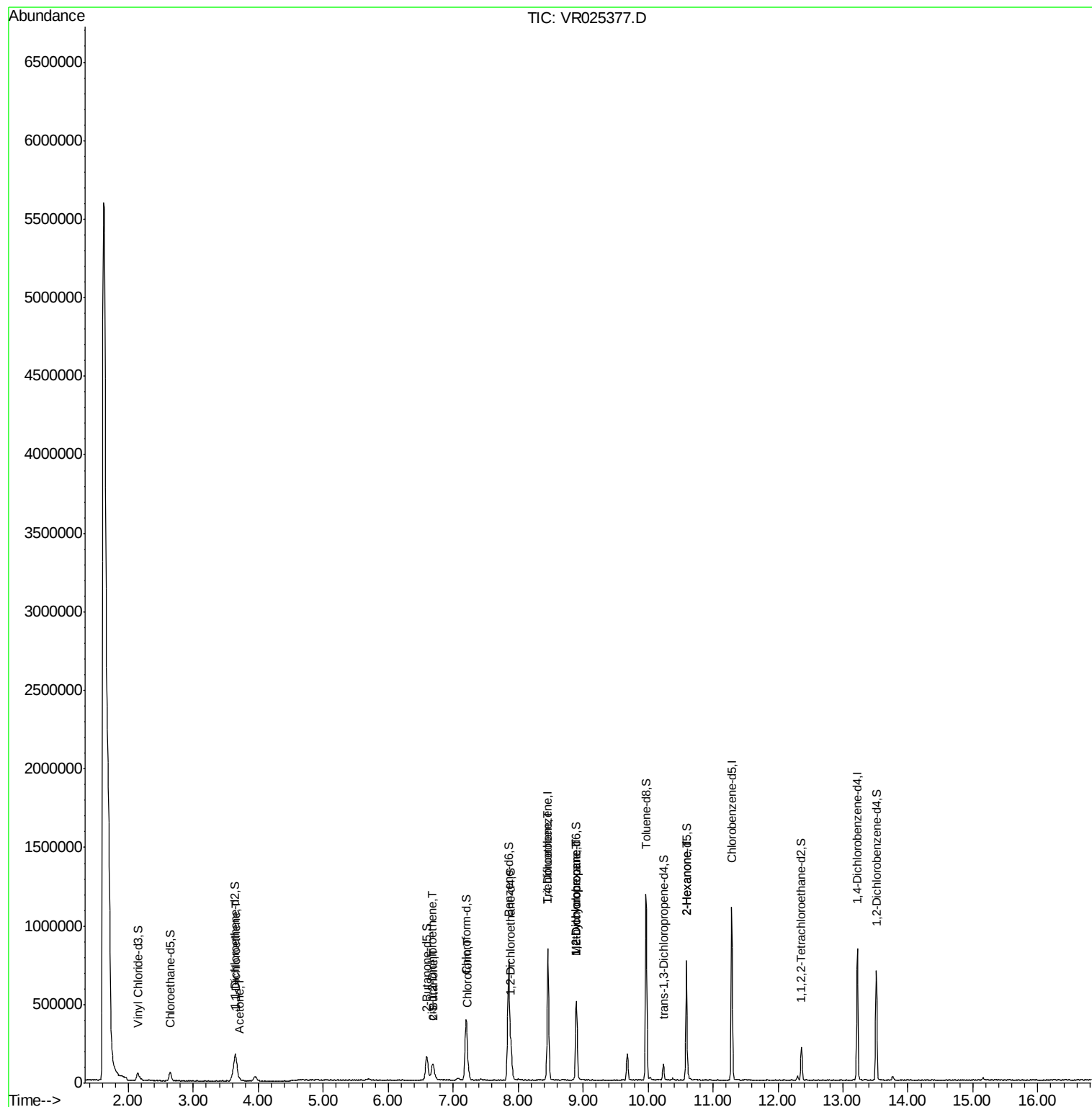
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.66	96	37091	1.672	ug/L #	41
13) Acetone	3.71	43	16503	6.344	ug/L	99
21) 2-Butanone	6.70	43	14340	2.332	ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	22652	0.476	ug/L #	96
25) Chloroform	7.23	83	57508	0.734	ug/L	89
34) Trichloroethene	8.46	95	18129	0.372	ug/L #	11
35) Methylcyclohexane	8.90	83	52291	0.681	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	23932	0.535	ug/L #	94
48) 2-Hexanone	10.59	43	28133	3.049	ug/L #	68

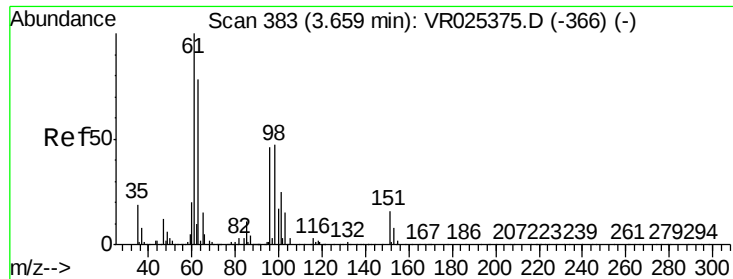
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 21 01:40:03 2018
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#12

1,1-Dichloroethene

Concen: 1.672 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.00 min

Lab File: VR025377.D

Acq: 20 Jun 2018 13:10

Instrument :

MSVOA_R

ClientSampleId :

C0KH0

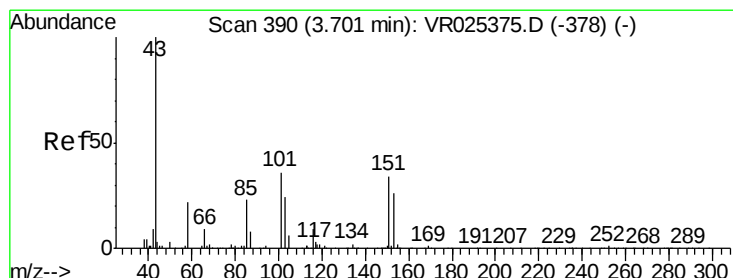
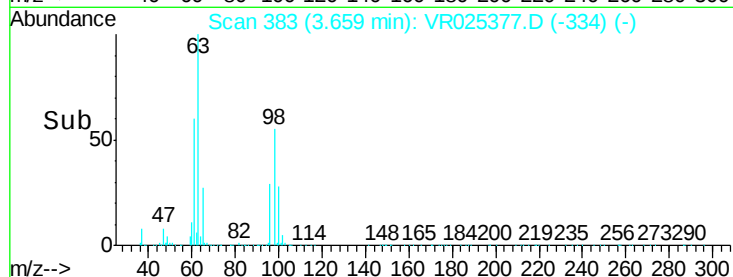
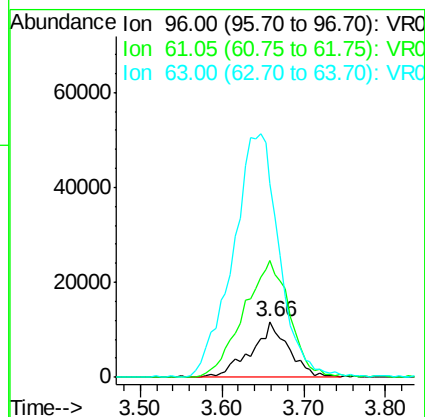
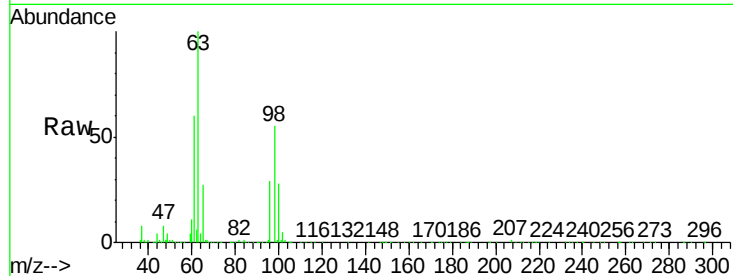
Tgt Ion: 96 Resp: 37091

Ion Ratio Lower Upper

96 100

61 209.7 155.0 287.9

63 346.9 122.3 227.1#



#13

Acetone

Concen: 6.344 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025377.D

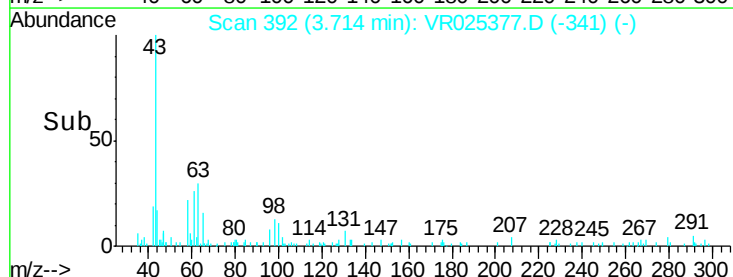
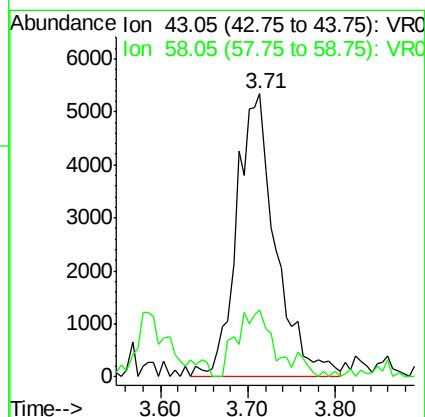
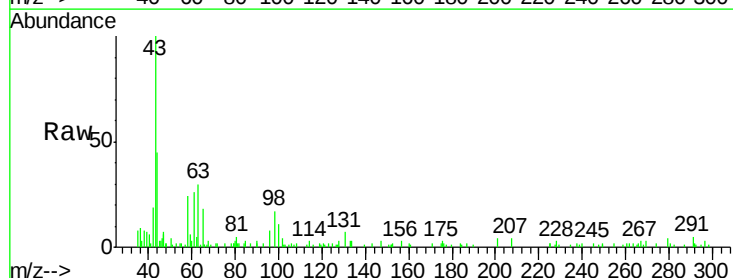
Acq: 20 Jun 2018 13:10

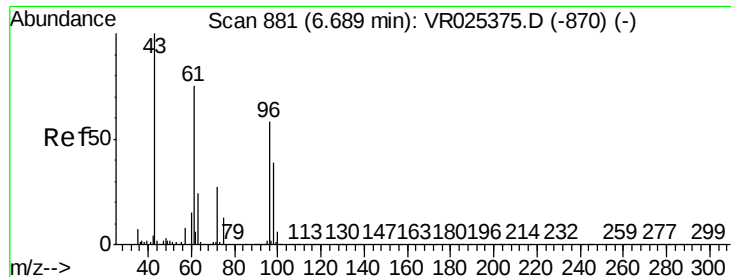
Tgt Ion: 43 Resp: 16503

Ion Ratio Lower Upper

43 100

58 21.3 0.0 41.6





#21

2-Butanone

Concen: 2.332 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025377.D

Acq: 20 Jun 2018 13:10

Instrument :

MSVOA_R

ClientSampleId :

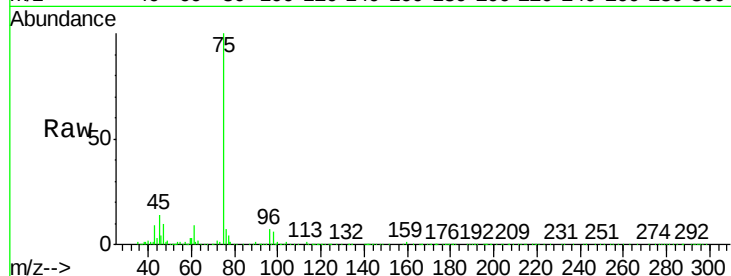
C0KH0

Tgt Ion: 43 Resp: 14340

Ion Ratio Lower Upper

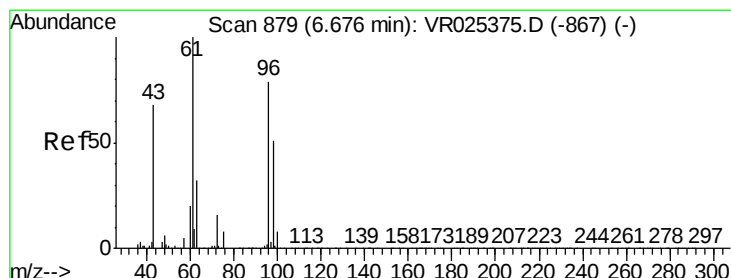
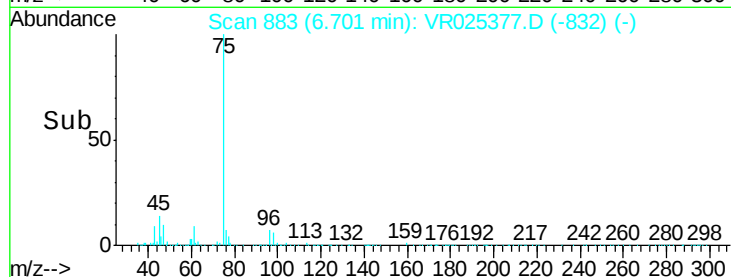
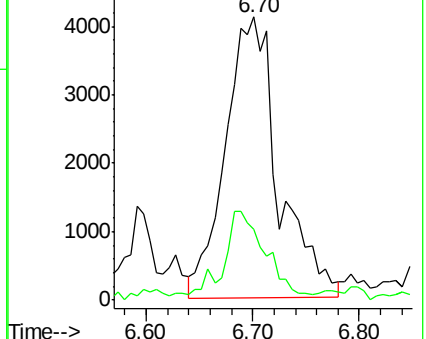
43 100

72 26.3 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



#22

cis-1,2-Dichloroethene

Concen: 0.476 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.00 min

Lab File: VR025377.D

Acq: 20 Jun 2018 13:10

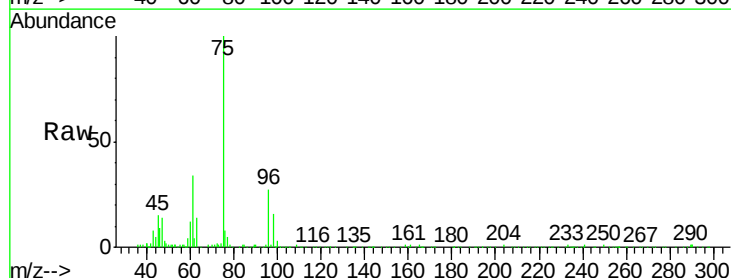
Tgt Ion: 96 Resp: 22652

Ion Ratio Lower Upper

96 100

61 124.9 91.0 169.0

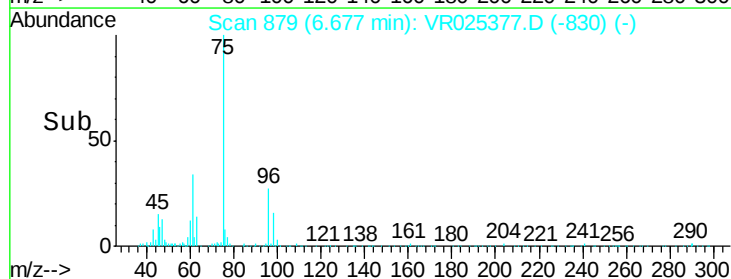
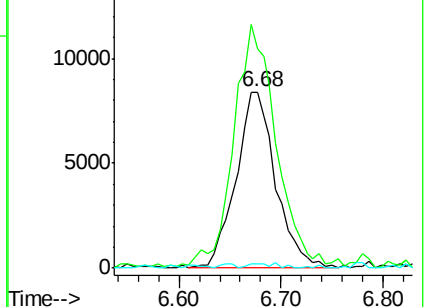
68 2.3 0.0 0.0#

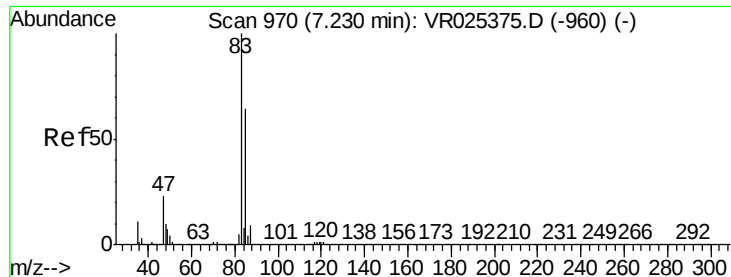


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#25

Chloroform

Concen: 0.734 ug/L

RT: 7.23 min Scan# 970

Delta R.T. 0.00 min

Lab File: VR025377.D

Acq: 20 Jun 2018 13:10

Instrument :

MSVOA_R

ClientSampleId :

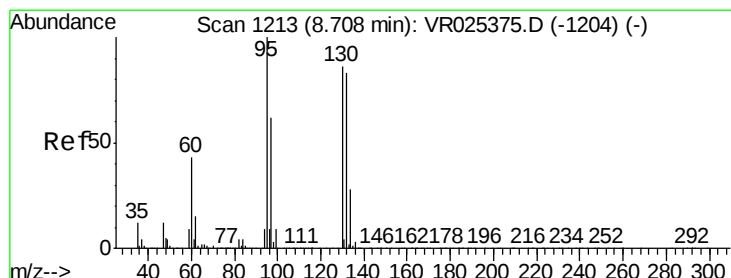
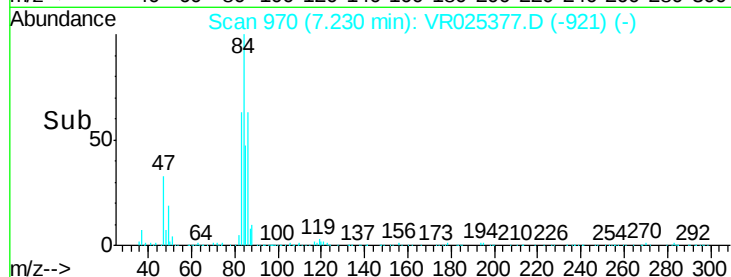
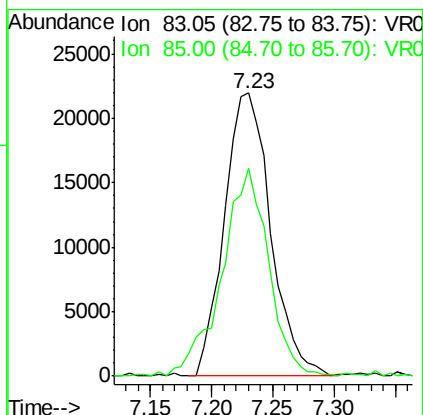
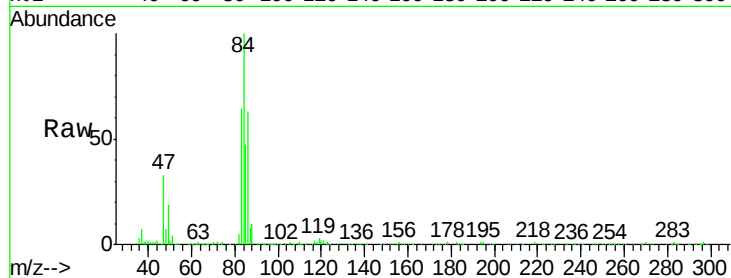
C0KH0

Tgt Ion: 83 Resp: 57508

Ion Ratio Lower Upper

83 100

85 73.6 45.4 84.4



#34

Trichloroethene

Concen: 0.372 ug/L

RT: 8.46 min Scan# 1172

Delta R.T. -0.25 min

Lab File: VR025377.D

Acq: 20 Jun 2018 13:10

Tgt Ion: 95 Resp: 18129

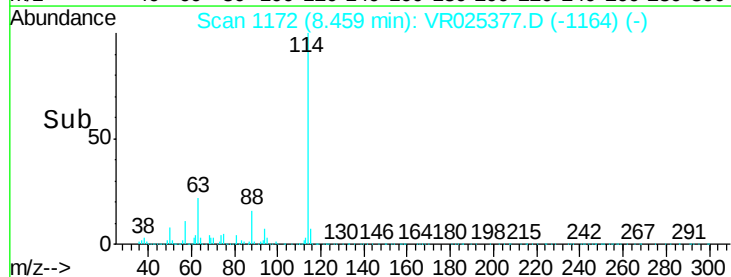
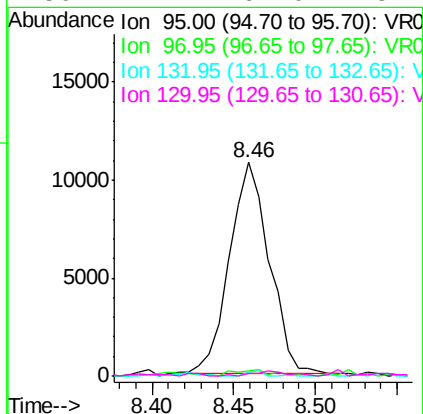
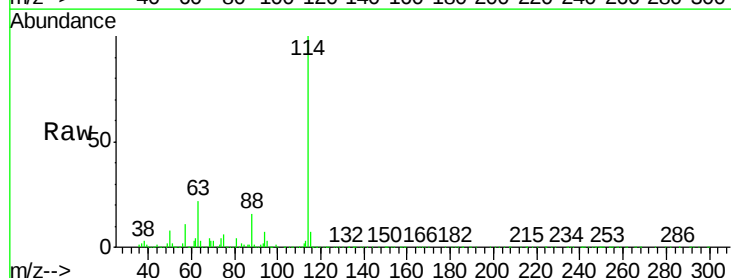
Ion Ratio Lower Upper

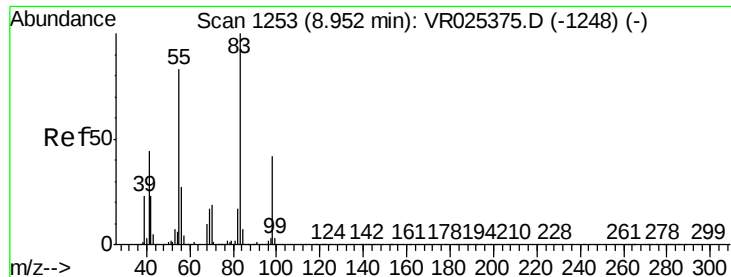
95 100

97 2.3 45.6 84.6#

132 1.7 60.9 113.1#

130 1.1 62.0 115.2#

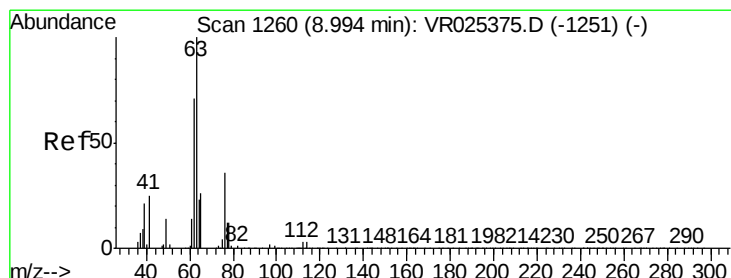
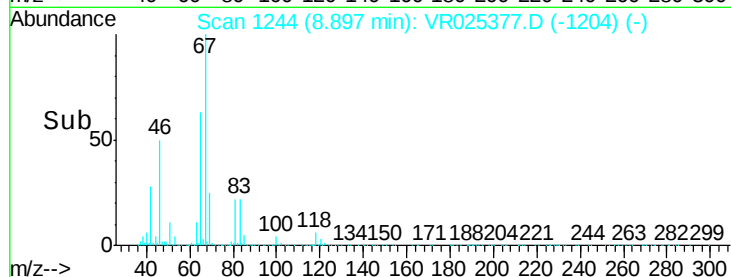
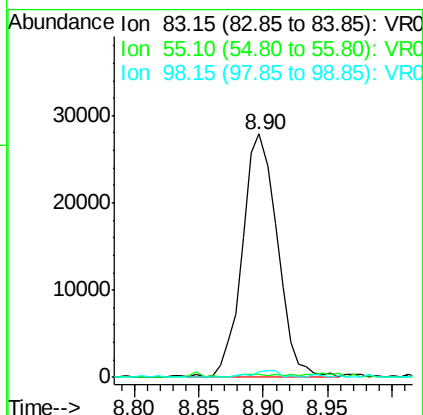
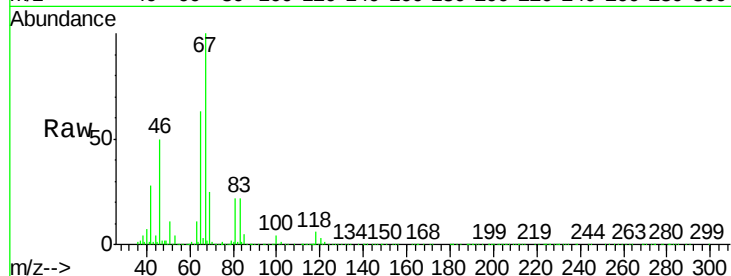




#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.05 min
Lab File: VR025377.D
Acq: 20 Jun 2018 13:10

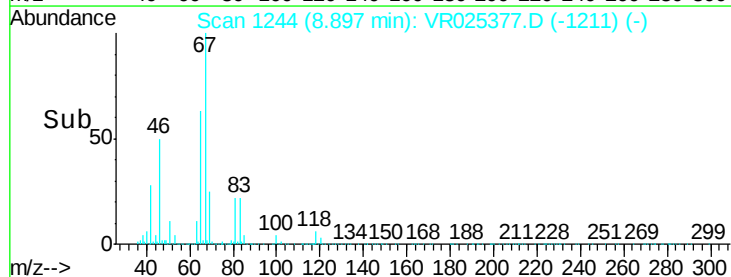
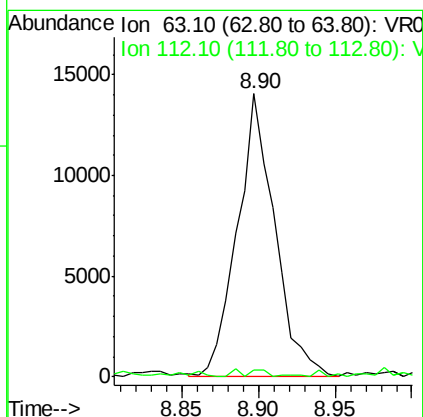
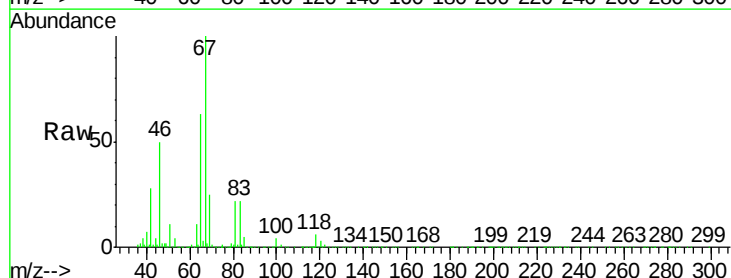
Instrument :
MSVOA_R
ClientSampleId :
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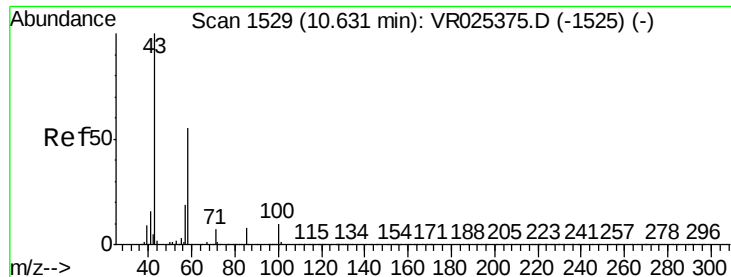
Tgt Ion: 83 Resp: 52291
Ion Ratio Lower Upper
83 100
55 1.0 66.1 99.1#
98 2.2 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.535 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025377.D
Acq: 20 Jun 2018 13:10

Tgt Ion: 63 Resp: 23932
Ion Ratio Lower Upper
63 100
112 1.5 2.9 4.3#





#48

2-Hexanone

Concen: 3.049 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025377.D

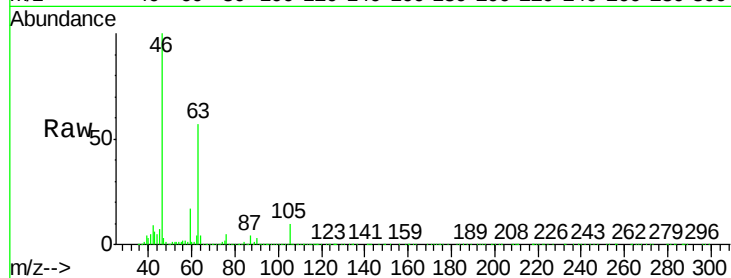
Acq: 20 Jun 2018 13:10

Instrument :

MSVOA_R

ClientSampleId :

C0KH0



Tgt Ion:	43	Resp:	28133
Ion	Ratio	Lower	Upper
43	100		
58	28.1	43.1	64.7#
57	31.3	15.3	22.9#
100	2.7	7.9	11.9#

