

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040419\
 Data File : VR026447.D
 Acq On : 4 Apr 2019 15:21
 Operator : SY/MD
 Sample : K2248-04
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E3YC0

Quant Time: Apr 05 07:44:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 05 07:16:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	448661	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	366697	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	105287	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	179198	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	2.62	69	153318	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	3.60	63	358465	4.06	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	6.58	46	162845	53.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.16%
24) Chloroform-d	7.20	84	330456	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	7.89	65	142288	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	7.85	84	602603	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	8.89	67	158395	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	9.97	98	553652	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloropropene-	10.24	79	36124	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	10.59	63	128809	59.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.34%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	60638	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	100700	6.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.40%#

Target Compounds

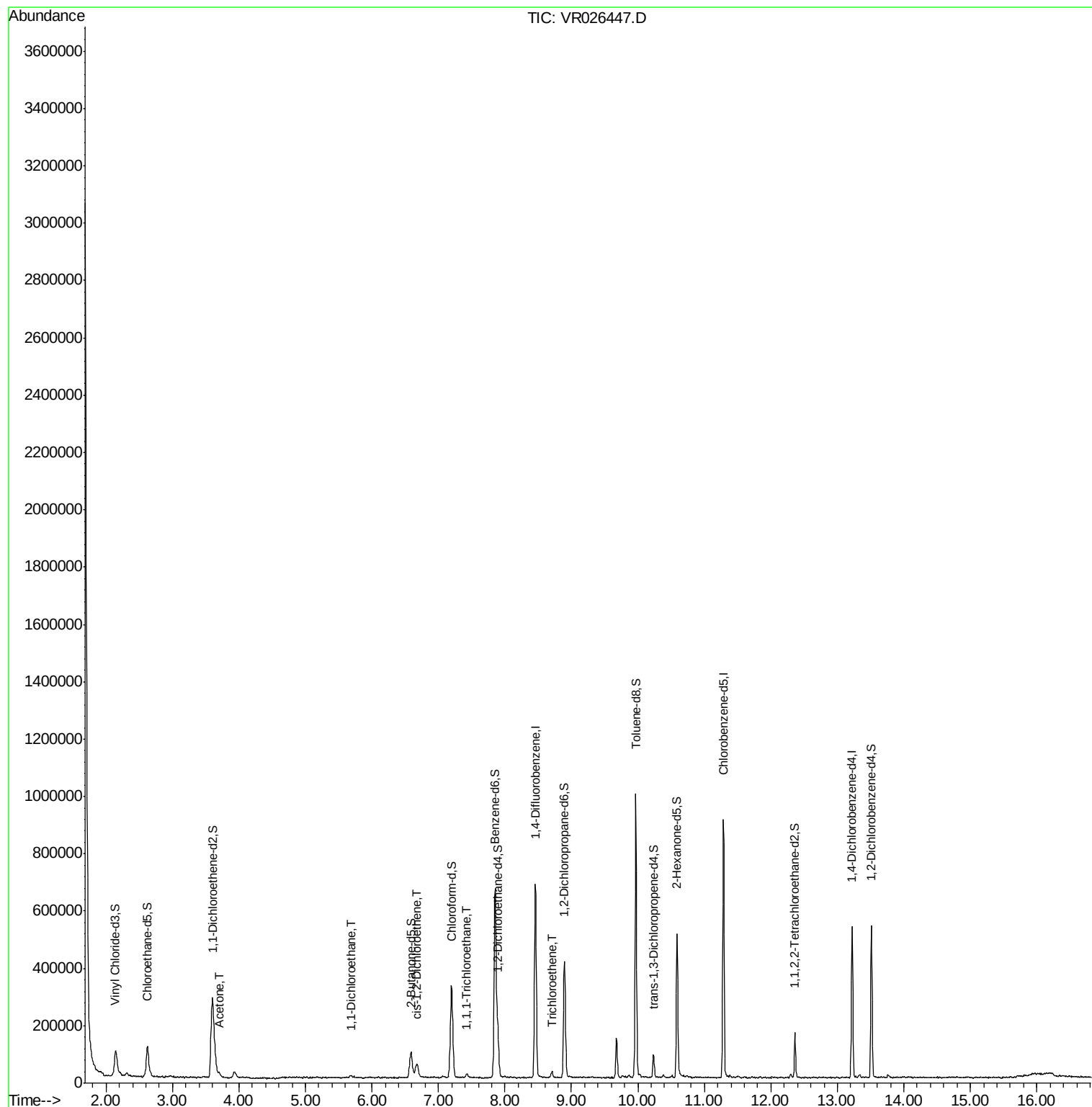
					Ovalue
13) Acetone	3.70	43	22653	7.375 ug/L	99
19) 1,1-Dichloroethane	5.68	63	11768	0.169 ug/L #	92
22) cis-1,2-Dichloroethene	6.67	96	17283	0.553 ug/L #	72
29) 1,1,1-Trichloroethane	7.42	97	8926	0.147 ug/L	88
34) Trichloroethene	8.71	95	5935	0.155 ug/L	92

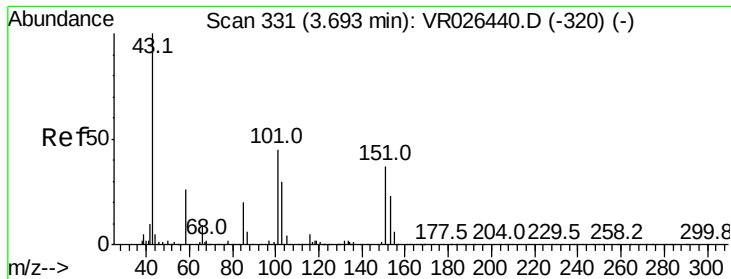
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.375 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR026447.D

Acq: 4 Apr 2019 15:21

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MSVOA_R

ClientSampleId :

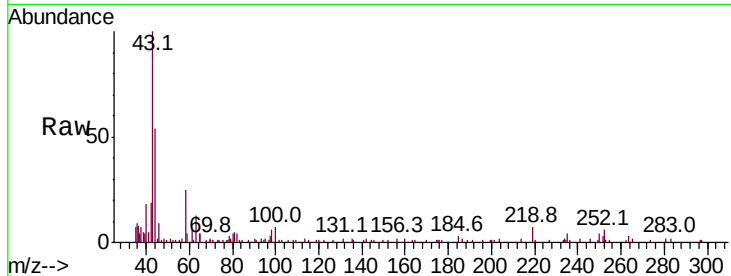
E3YC0

Tot Ion: 43 Resp: 22653

Ion Ratio Lower Upper

43 100

58 27.3 0.0 53.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.70

8000

6000

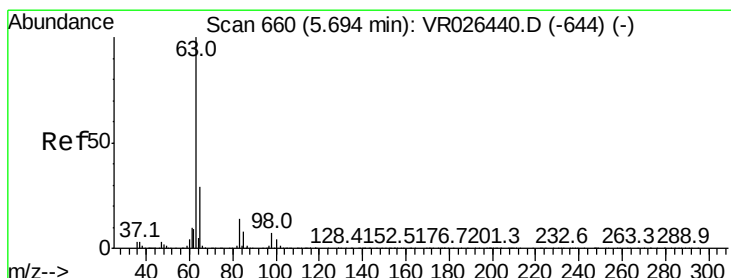
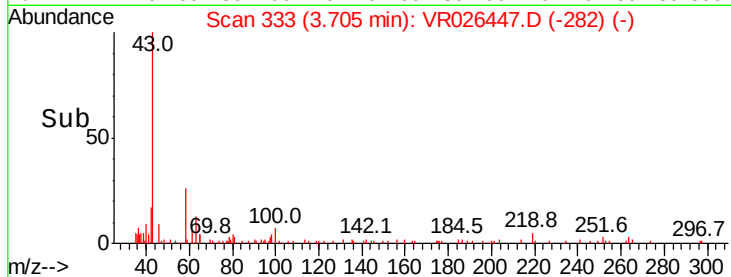
4000

2000

0

3.60 3.70 3.80

Time-->



#19

1,1-Dichloroethane

Concen: 0.169 ug/L

RT: 5.68 min Scan# 658

Delta R.T. -0.01 min

Lab File: VR026447.D

Acq: 4 Apr 2019 15:21

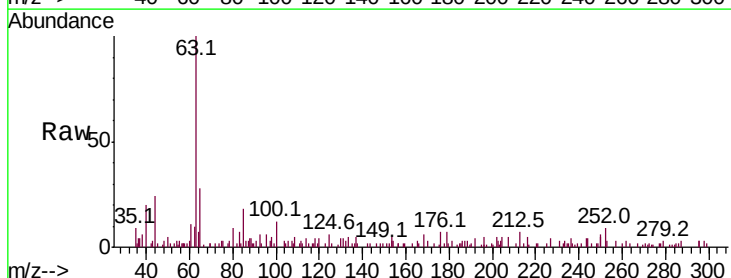
Tgt Ion: 63 Resp: 11768

Ion Ratio Lower Upper

63 100

65 27.5 22.0 40.8

83 6.9 8.2 15.2#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0

5.68

5000

4000

3000

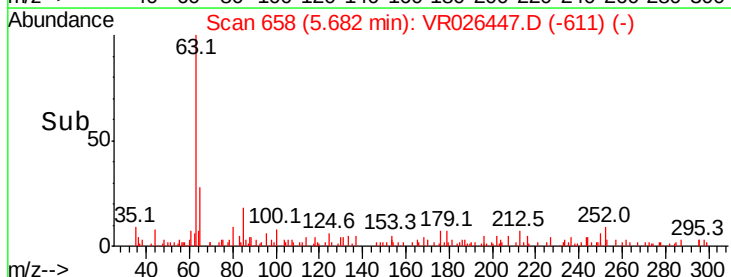
2000

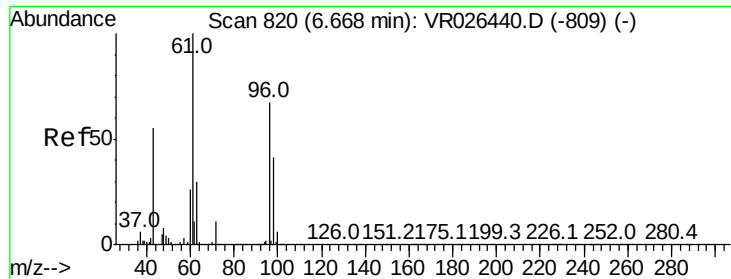
1000

0

5.60 5.70 5.80

Time-->



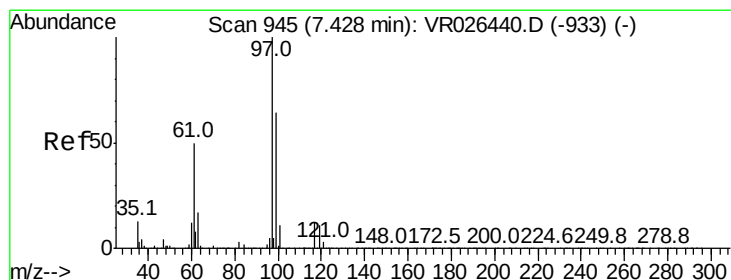
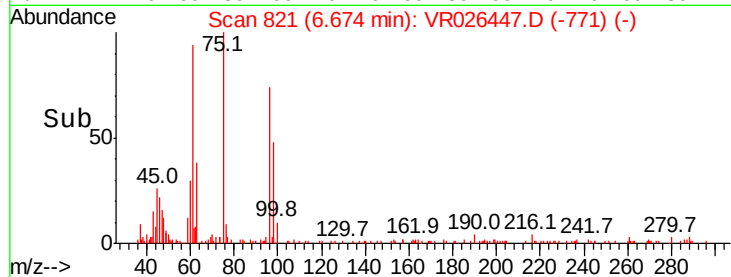
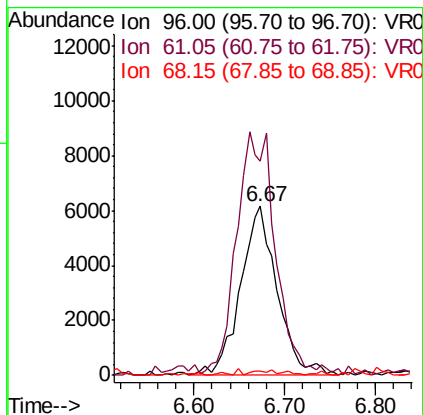
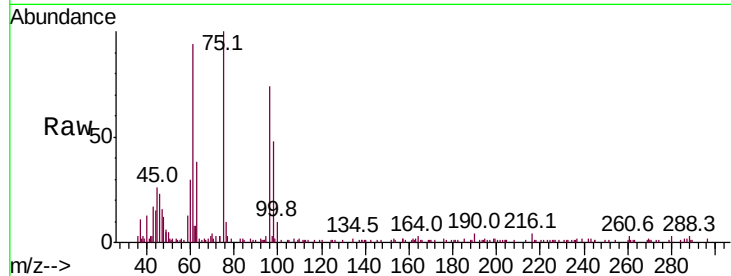


#22

cis-1,2-Dichloroethene
Concen: 0.553 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.01 min
Lab File: VR026447.D
Acq: 4 Apr 2019 15:21

Instrument :
MSVOA_R
ClientSampleId :
E3YC0

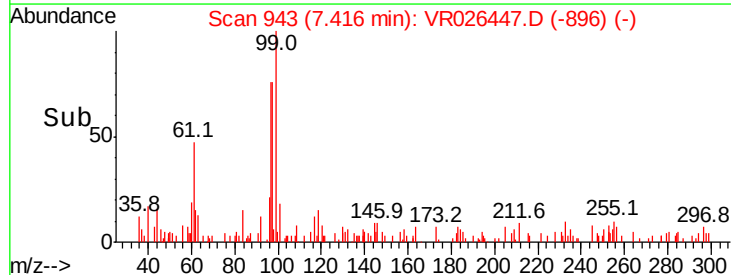
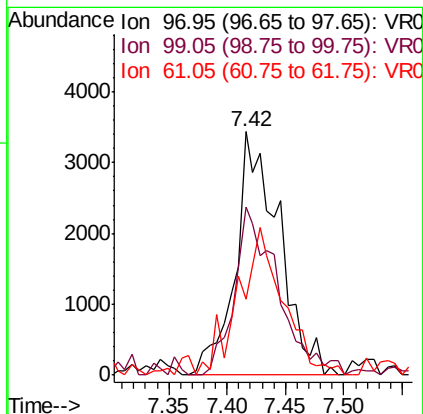
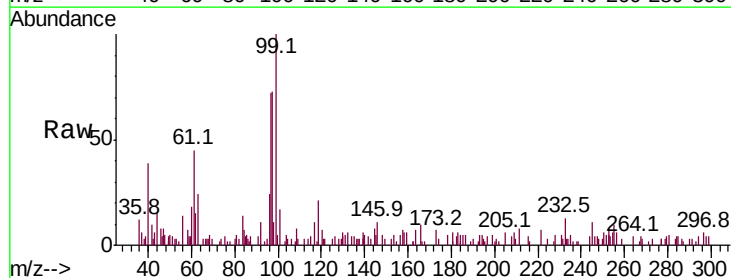
Tot Ion: 96 Resp: 17283
Ion Ratio Lower Upper
96 100
61 127.0 115.0 213.6
68 2.3 0.0 0.0#

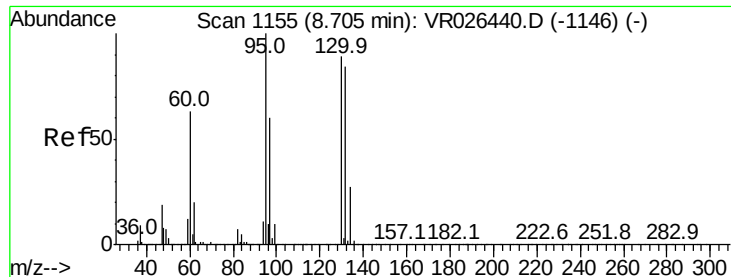


#29

1,1,1-Trichloroethane
Concen: 0.147 ug/L
RT: 7.42 min Scan# 943
Delta R.T. -0.01 min
Lab File: VR026447.D
Acq: 4 Apr 2019 15:21

Tgt Ion: 97 Resp: 8926
Ion Ratio Lower Upper
97 100
99 69.1 49.6 74.4
61 62.3 41.8 62.6





#34

Trichloroethene

Concen: 0.155 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VR026447.D

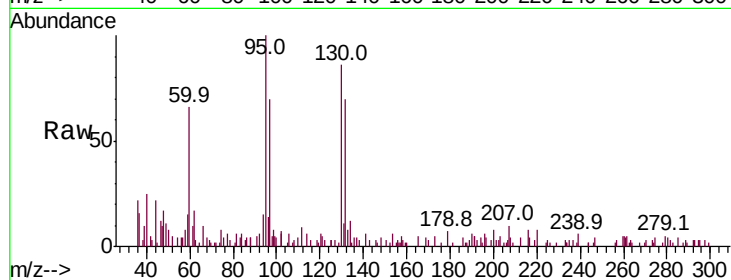
Acq: 4 Apr 2019 15:21

Instrument :

MSVOA_R

ClientSampleId :

E3YC0



Tot Ion: 95 Resp: 5935

Ion Ratio Lower Upper

95 100

97 69.9 43.8 81.3

132 69.8 57.2 106.2

130 85.7 59.7 110.9

