

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 :

Quant Time: Apr 05 07:22:22 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

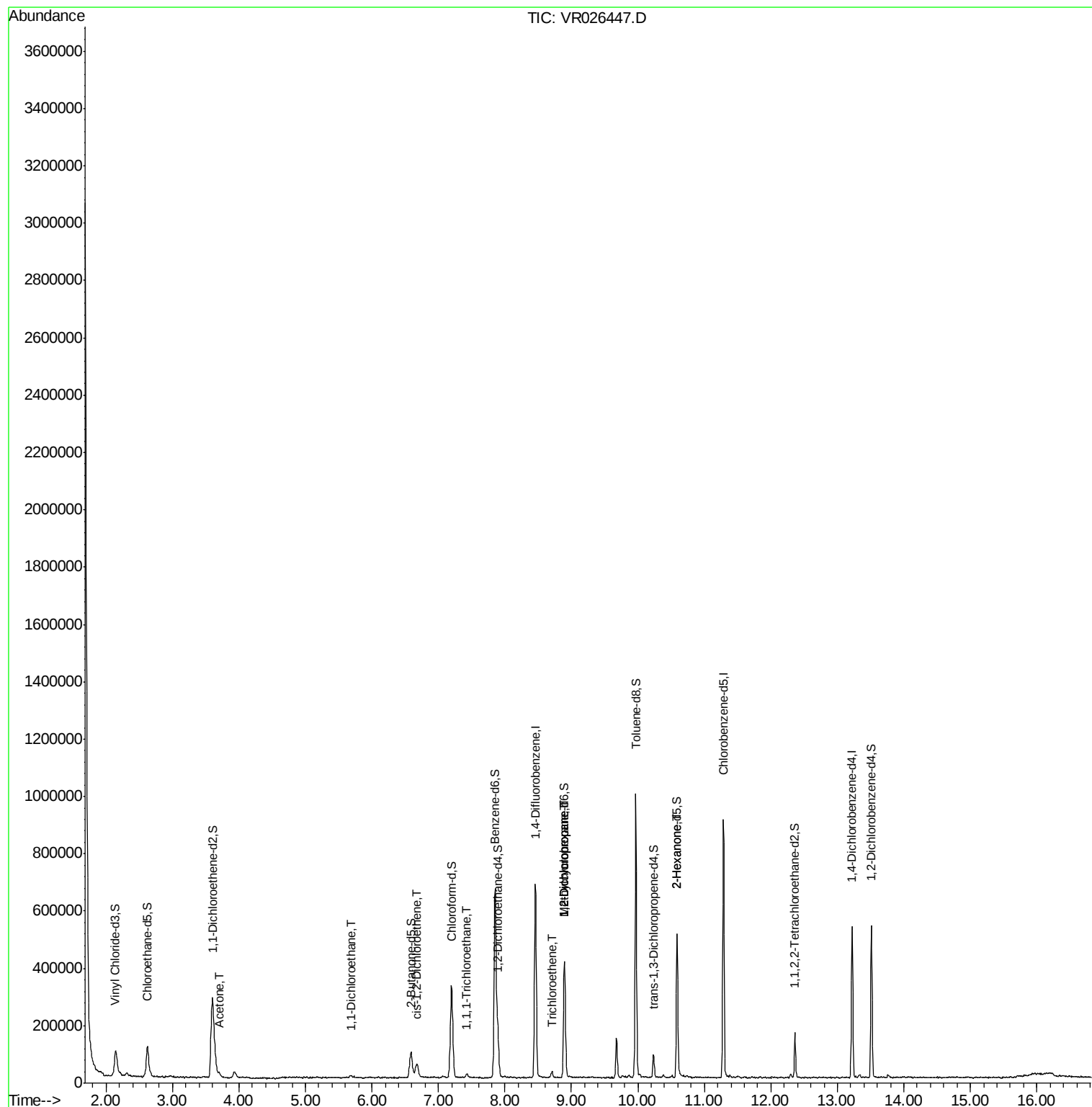
					Ovalue
13) Acetone	3.70	43	22653	7.375 ug/L	99
19) 1,1-Dichloroethane	5.68	63	11768	0.169 ug/L #	92
22) cis-1,2-Dichloroethene	6.67	96	17283	0.553 ug/L #	72
29) 1,1,1-Trichloroethane	7.42	97	8926	0.147 ug/L	88
34) Trichloroethene	8.71	95	5935	0.155 ug/L	92
35) Methylcyclohexane	8.90	83	39706	0.725 ug/L #	14
37) 1,2-Dichloropropane	8.89	63	21931	0.698 ug/L #	95
48) 2-Hexanone	10.59	43	21238	3.470 ug/L #	67

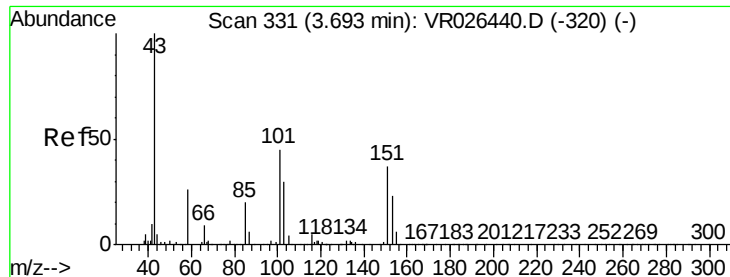
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 05 07:16:54 2019
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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

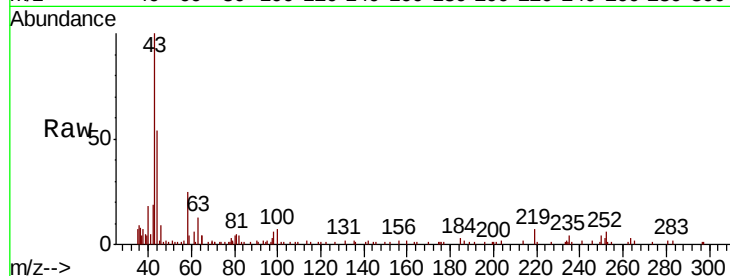
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 22653

Ion Ratio Lower Upper

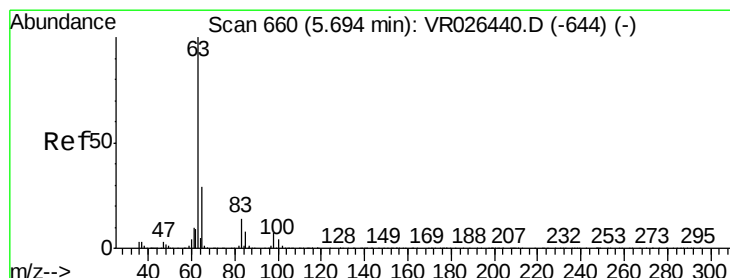
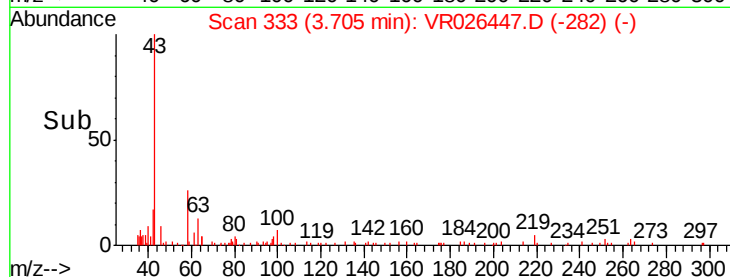
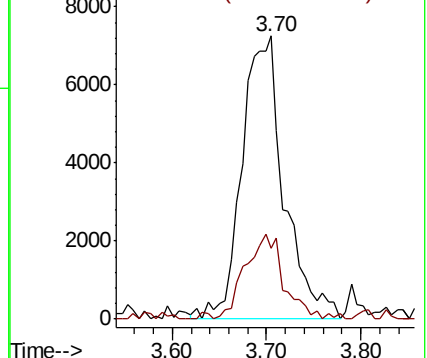
43 100

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



#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

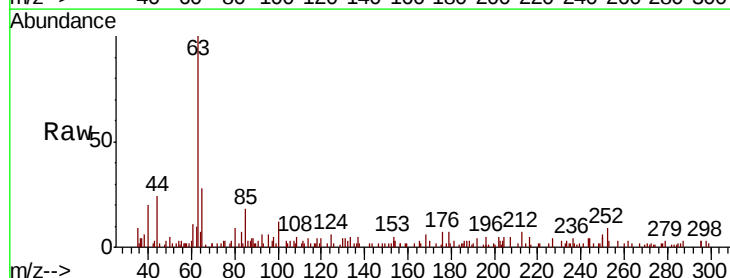
Tgt Ion: 63 Resp: 11768

Ion Ratio Lower Upper

63 100

65 27.5 22.0 40.8

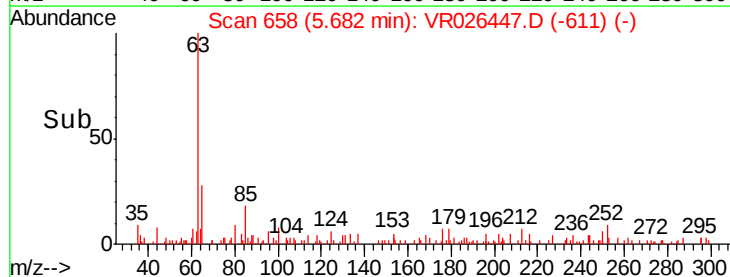
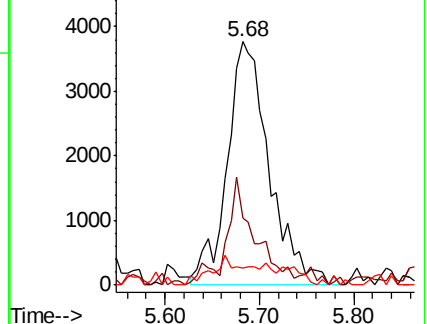
83 6.9 8.2 15.2#

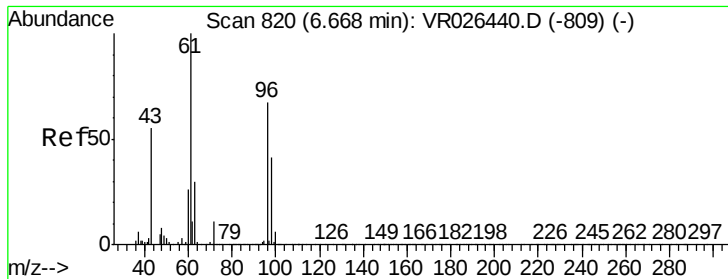


Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0



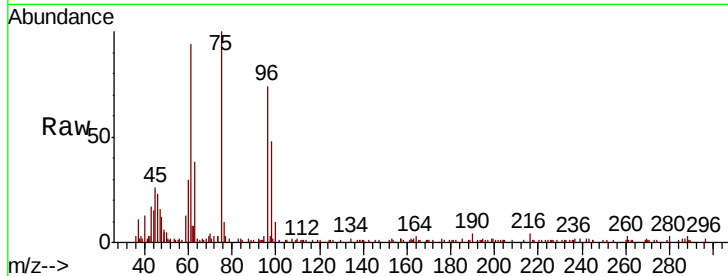


#22

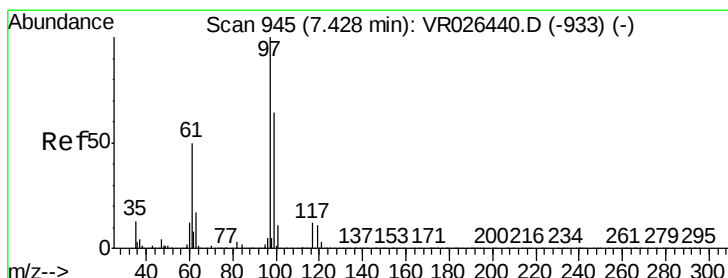
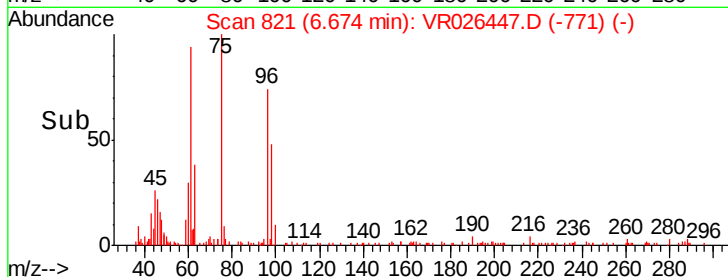
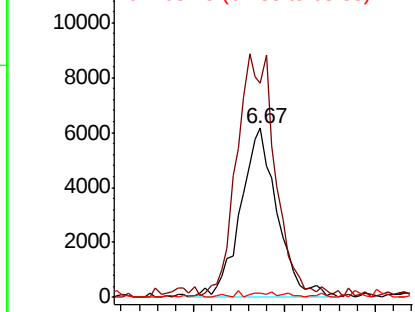
cis-1,2-Dichloroethene
Concen: 0.553 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.01 min
Lab File: VR026447.D
Acq: 4 Apr 2019 15:21

Instrument :
MSVOA_R
ClientSampleId :

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#



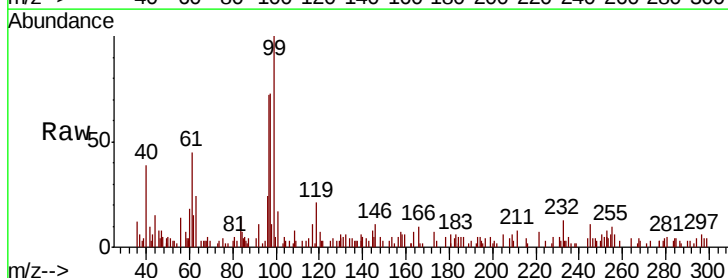
Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0



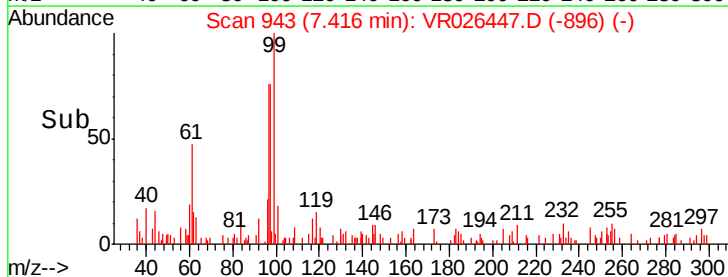
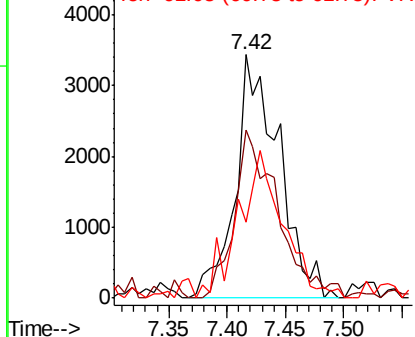
#29

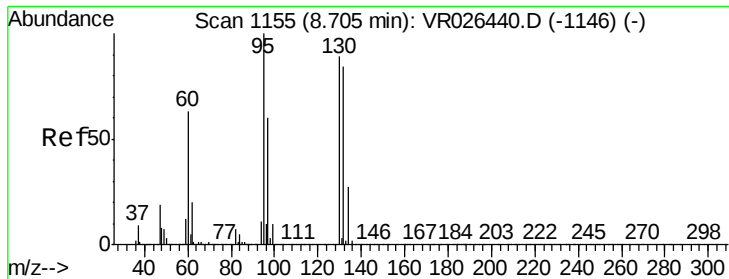
1,1,1-Trichloroethane
Concen: 0.147 ug/L
RT: 7.42 min Scan# 943
Delta R.T. -0.01 min
Lab File: VR026447.D
Acq: 4 Apr 2019 15:21

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



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

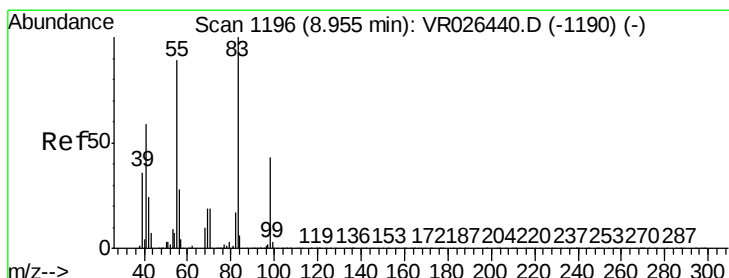
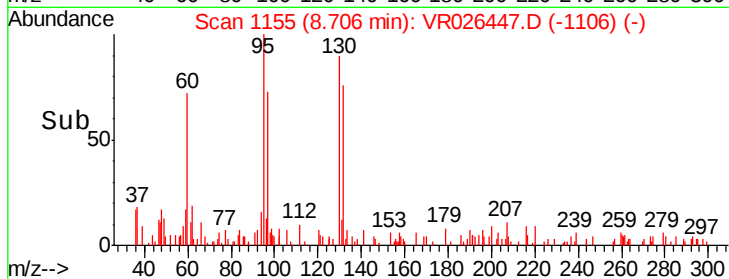
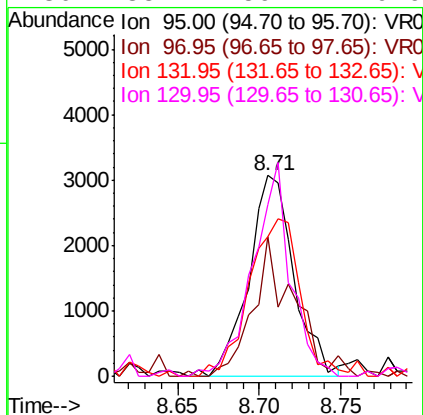
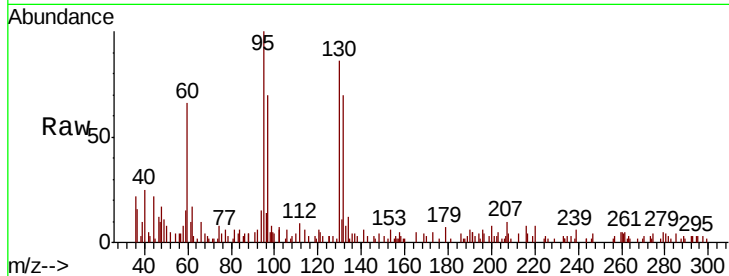




#34
 Trichloroethene
 Concen: 0.155 ug/L
 RT: 8.71 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VR026447.D
 Acq: 4 Apr 2019 15:21

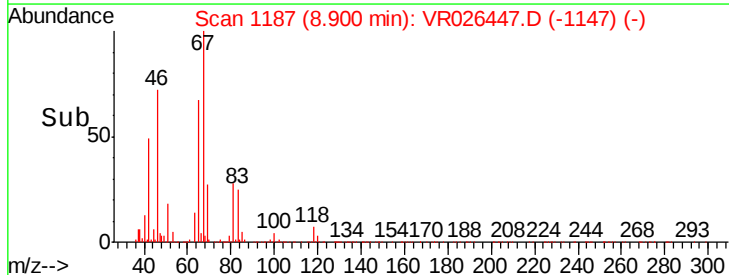
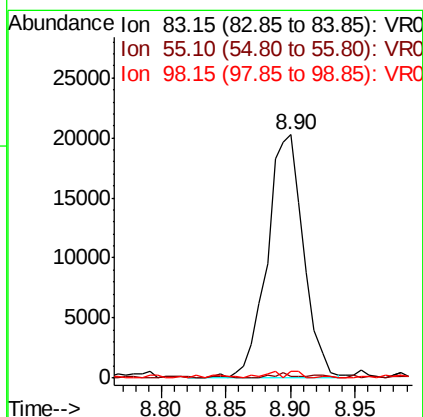
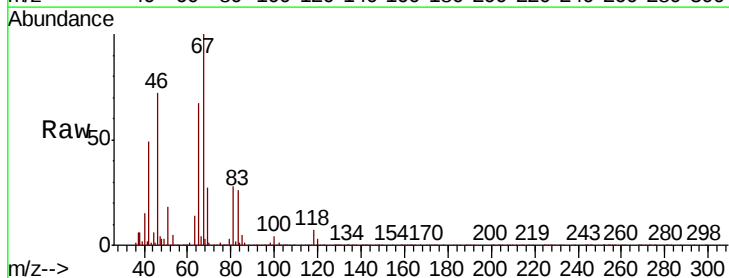
Instrument :
 MSVOA_R
 ClientSampleId :

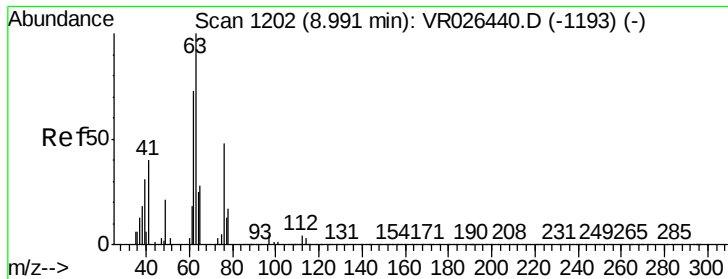
Tot Ion: 95 Resp: 5935
 Ion Ratio Lower Upper
 95 100
 97 69.9 43.8 81.3
 132 69.8 57.2 106.2
 130 85.7 59.7 110.9



#35
 Methylcyclohexane
 Concen: 0.725 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.05 min
 Lab File: VR026447.D
 Acq: 4 Apr 2019 15:21

Tgt Ion: 83 Resp: 39706
 Ion Ratio Lower Upper
 83 100
 55 1.3 73.8 110.6#
 98 1.1 34.6 51.8#

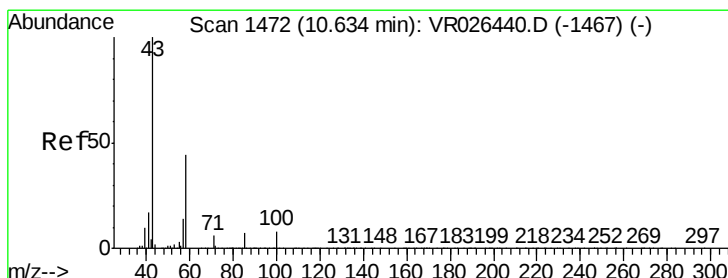
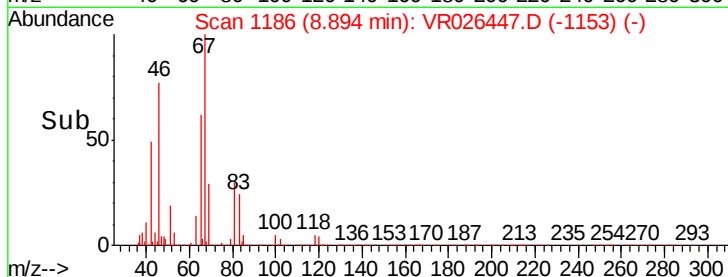
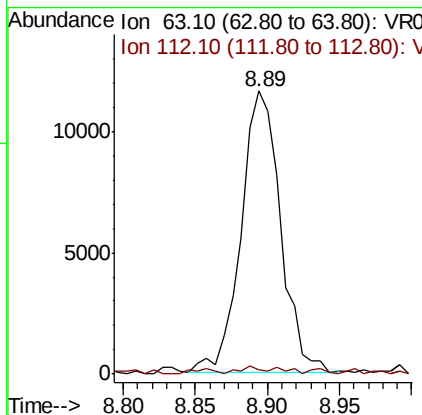
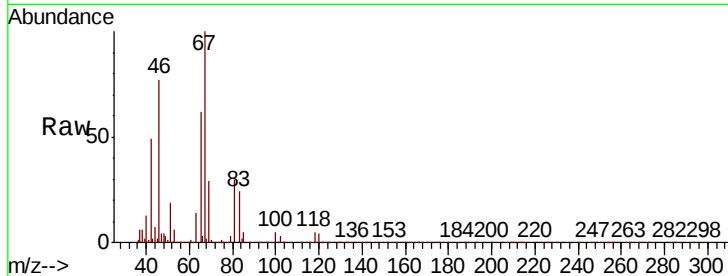




#37
 1,2-Dichloropropane
 Concen: 0.698 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026447.D
 Acq: 4 Apr 2019 15:21

Instrument :
 MSVOA_R
 ClientSampleID :

Tot Ion: 63 Resp: 21931
 Ion Ratio Lower Upper
 63 100
 112 1.7 2.8 4.2#



#48
 2-Hexanone
 Concen: 3.470 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026447.D
 Acq: 4 Apr 2019 15:21

Tgt Ion: 43 Resp: 21238
 Ion Ratio Lower Upper
 43 100
 58 27.2 38.2 57.2#
 57 39.3 13.8 20.6#
 100 5.3 6.2 9.2#

