

Data File : VR026498.D
Acq On : 7 Apr 2019 15:59
Operator : SY/MD
Sample : K2282-14
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEZ12

Quant Time: Apr 08 03:03:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 08 02:57:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	478059	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	408713	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	115747	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	148625	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	2.63	69	136446	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	3.60	63	305183	3.25	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	6.59	46	159951	49.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.78%
24) Chloroform-d	7.20	84	319522	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	7.89	65	135884	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	7.85	84	548733	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	8.89	67	152897	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	9.97	98	469176	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	10.24	79	24171	2.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.80%#
46) 2-Hexanone-d5	10.59	63	127753	53.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.18%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	60258	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	97667	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

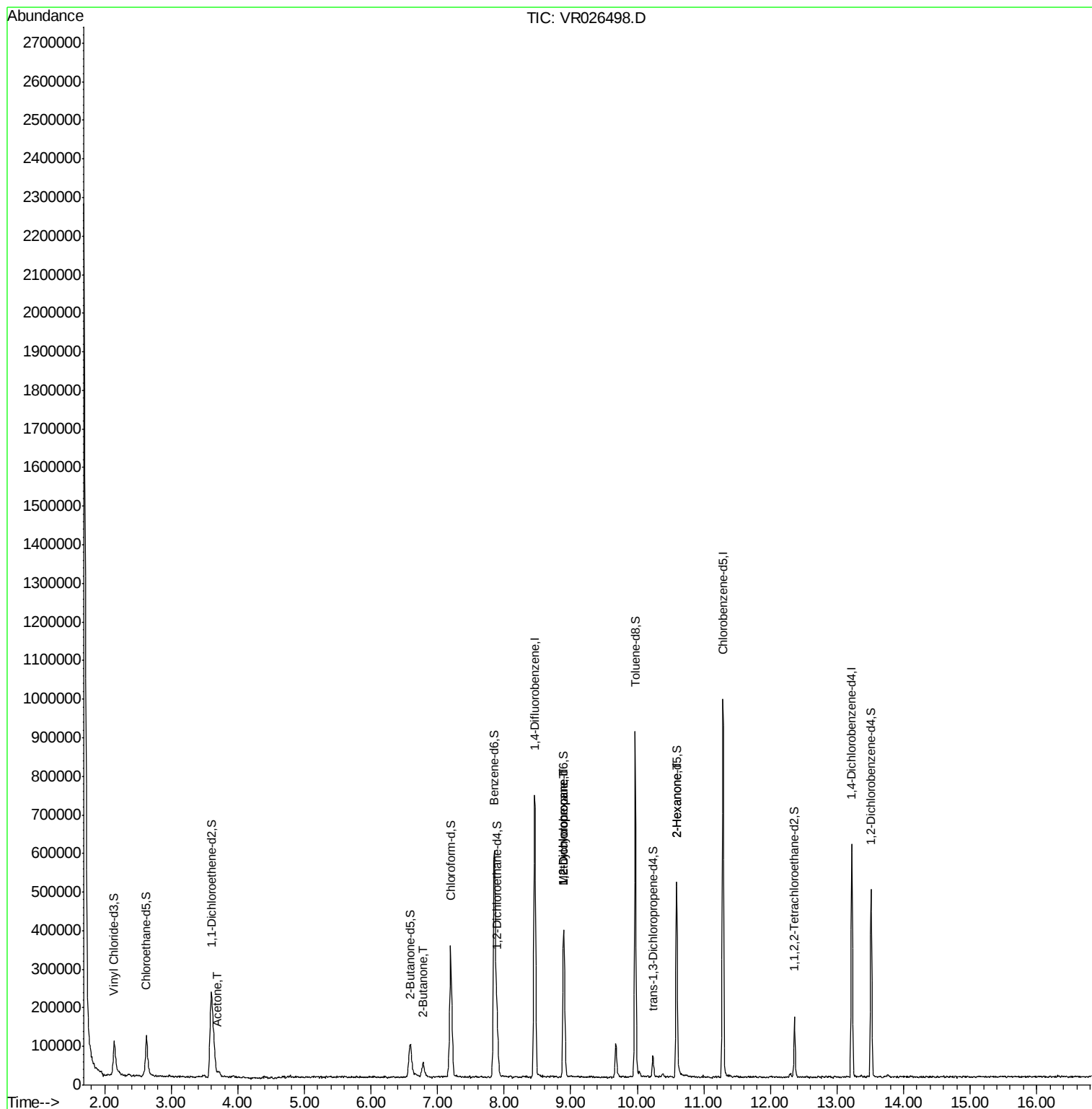
					Qvalue
13) Acetone	3.69	43	10106	3.088	ug/L 94
21) 2-Butanone	6.78	43	61515	14.620	ug/L # 54
35) Methylcyclohexane	8.89	83	36084	0.591	ug/L # 14
37) 1,2-Dichloropropane	8.89	63	20989	0.600	ug/L # 91
48) 2-Hexanone	10.59	43	24822	3.638	ug/L # 76

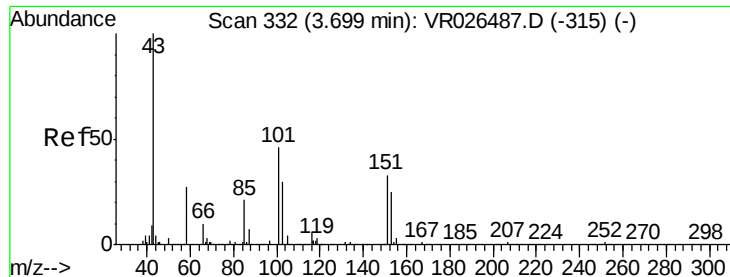
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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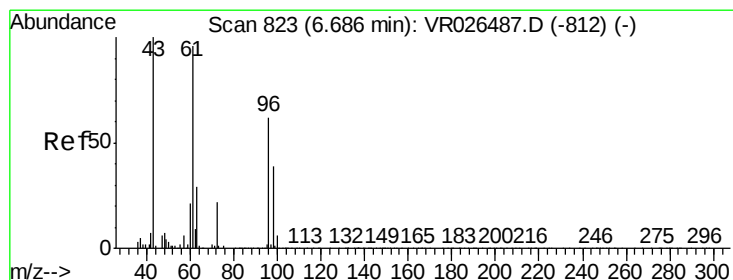
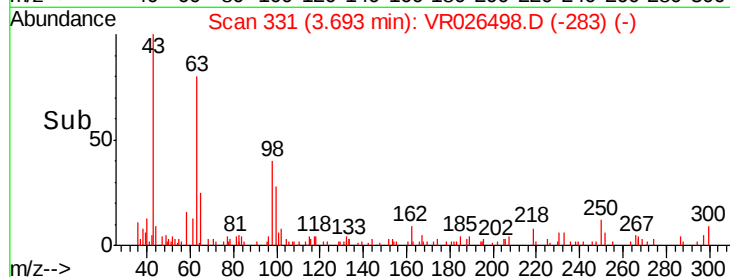
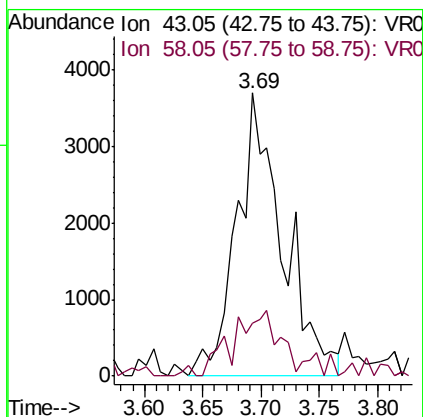
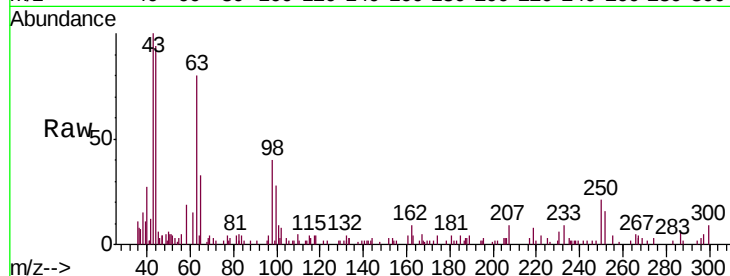




#13
Acetone
Concen: 3.088 ug/L
RT: 3.69 min Scan# 331
Delta R.T. -0.01 min
Lab File: VR026498.D
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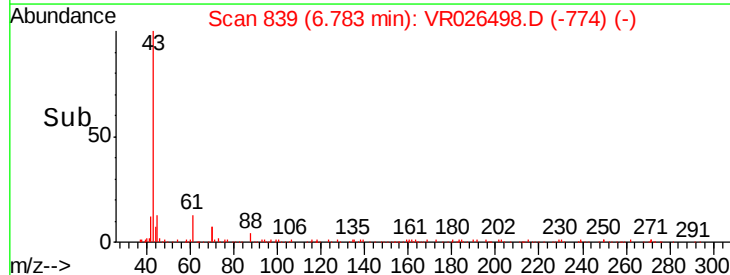
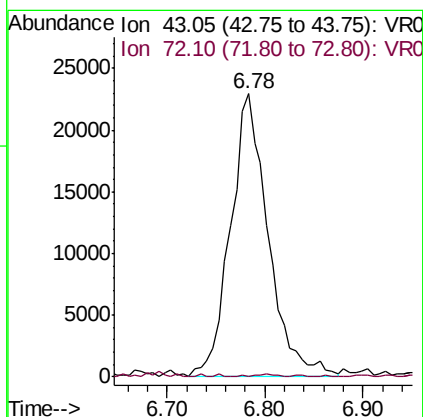
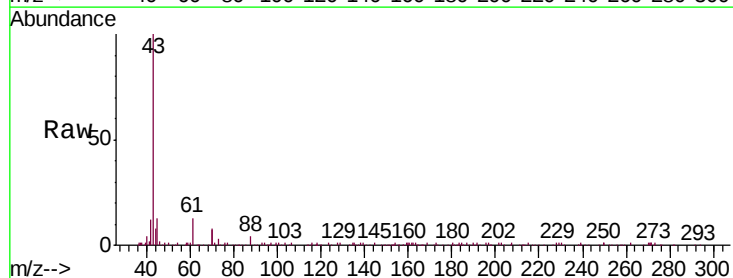
Instrument :
MSVOA_R
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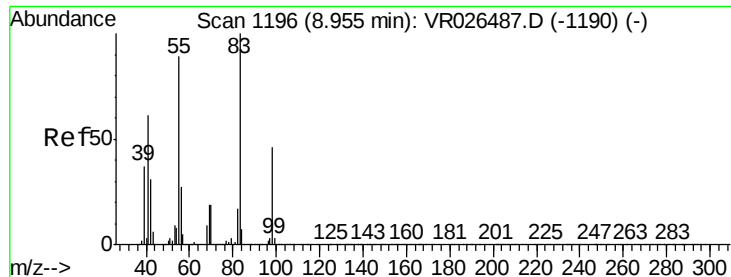
Tgt Ion: 43 Resp: 10106
Ion Ratio Lower Upper
43 100
58 23.7 0.0 53.8



#21
2-Butanone
Concen: 14.620 ug/L
RT: 6.78 min Scan# 839
Delta R.T. 0.10 min
Lab File: VR026498.D
Acq: 7 Apr 2019 15:59

Tgt Ion: 43 Resp: 61515
Ion Ratio Lower Upper
43 100
72 0.1 11.1 33.3#

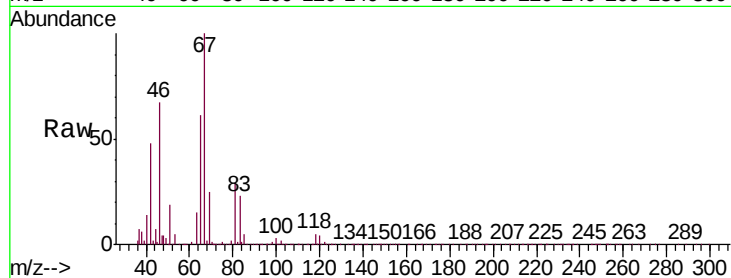




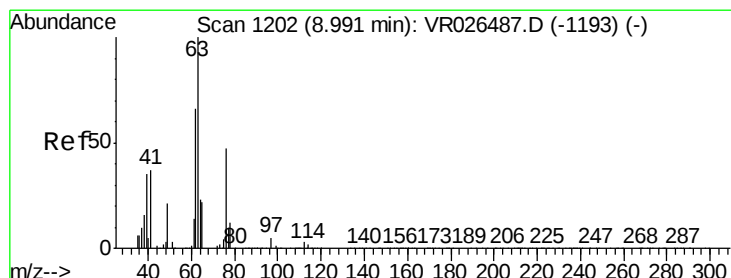
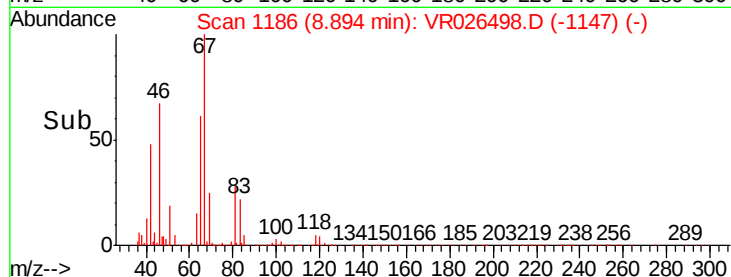
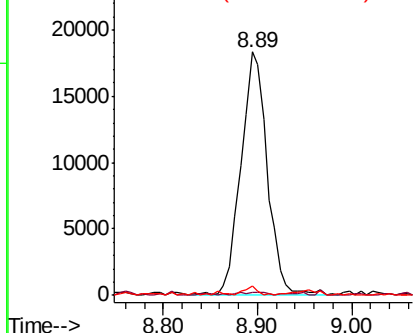
#35
Methylcyclohexane
Concen: 0.591 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026498.D
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Instrument :
MSVOA_R
ClientSampleId :
BEZ12

Tgt Ion: 83 Resp: 36084
Ion Ratio Lower Upper
83 100
55 0.5 73.8 110.6#
98 2.0 34.6 51.8#

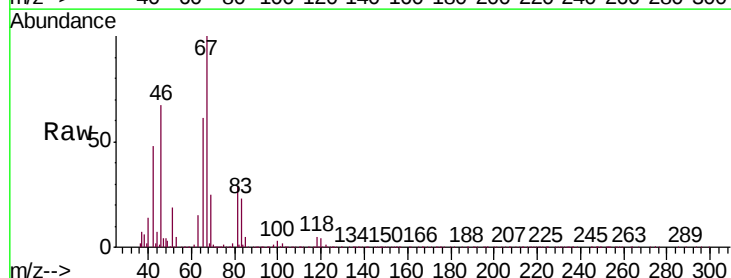


Abundance Ion 83.15 (82.85 to 83.85): VR0
Ion 55.10 (54.80 to 55.80): VR0
Ion 98.15 (97.85 to 98.85): VR0

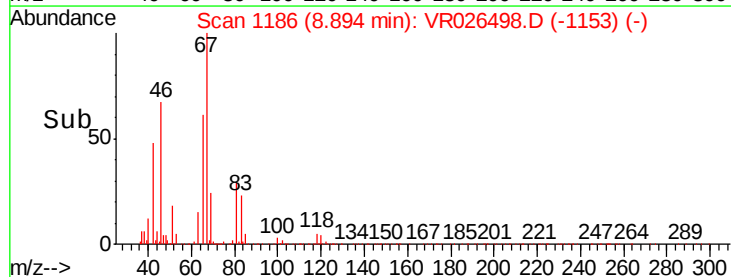
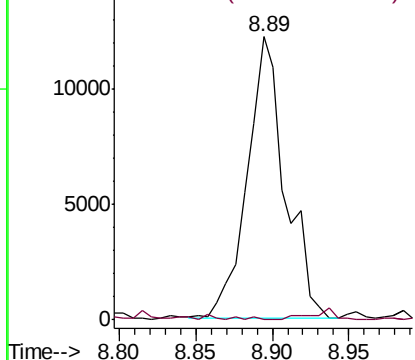


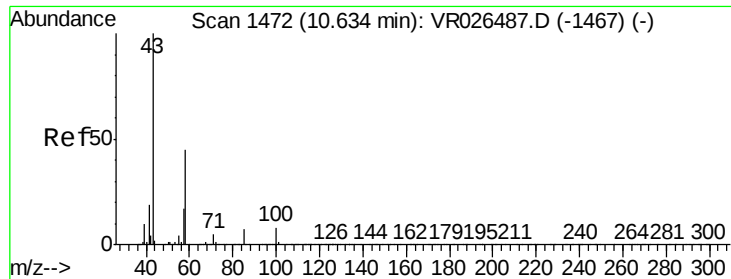
#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026498.D
Acq: 7 Apr 2019 15:59

Tgt Ion: 63 Resp: 20989
Ion Ratio Lower Upper
63 100
112 0.5 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VR0
Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 3.638 ug/L
 RT: 10.59 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: VR026498.D
 Acq: 7 Apr 2019 15:59

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZ12

Tgt Ion: 43 Resp: 24822
 Ion Ratio Lower Upper
 43 100
 58 27.7 38.2 57.2#
 57 24.3 13.8 20.6#
 100 4.9 6.2 9.2#

