

Data File : VR026499.D
Acq On : 7 Apr 2019 16:31
Operator : SY/MD
Sample : K2282-15
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEZ13

Quant Time: Apr 08 03:03:24 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	431047	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	365617	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	104611	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	185014	5.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.00%
7) Chloroethane-d5	2.63	69	157136	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.00%
11) 1,1-Dichloroethene-d2	3.60	63	369359	4.36	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	6.58	46	170393	58.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.70%
24) Chloroform-d	7.20	84	353956	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.60%
26) 1,2-Dichloroethane-d4	7.89	65	154115	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	7.85	84	646626	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	8.89	67	179101	5.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.40%
41) Toluene-d8	9.97	98	578152	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
43) trans-1,3-Dichloropropene-	10.23	79	32165	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	10.59	63	139372	64.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64566	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	105345	6.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	133.00%#

Target Compounds

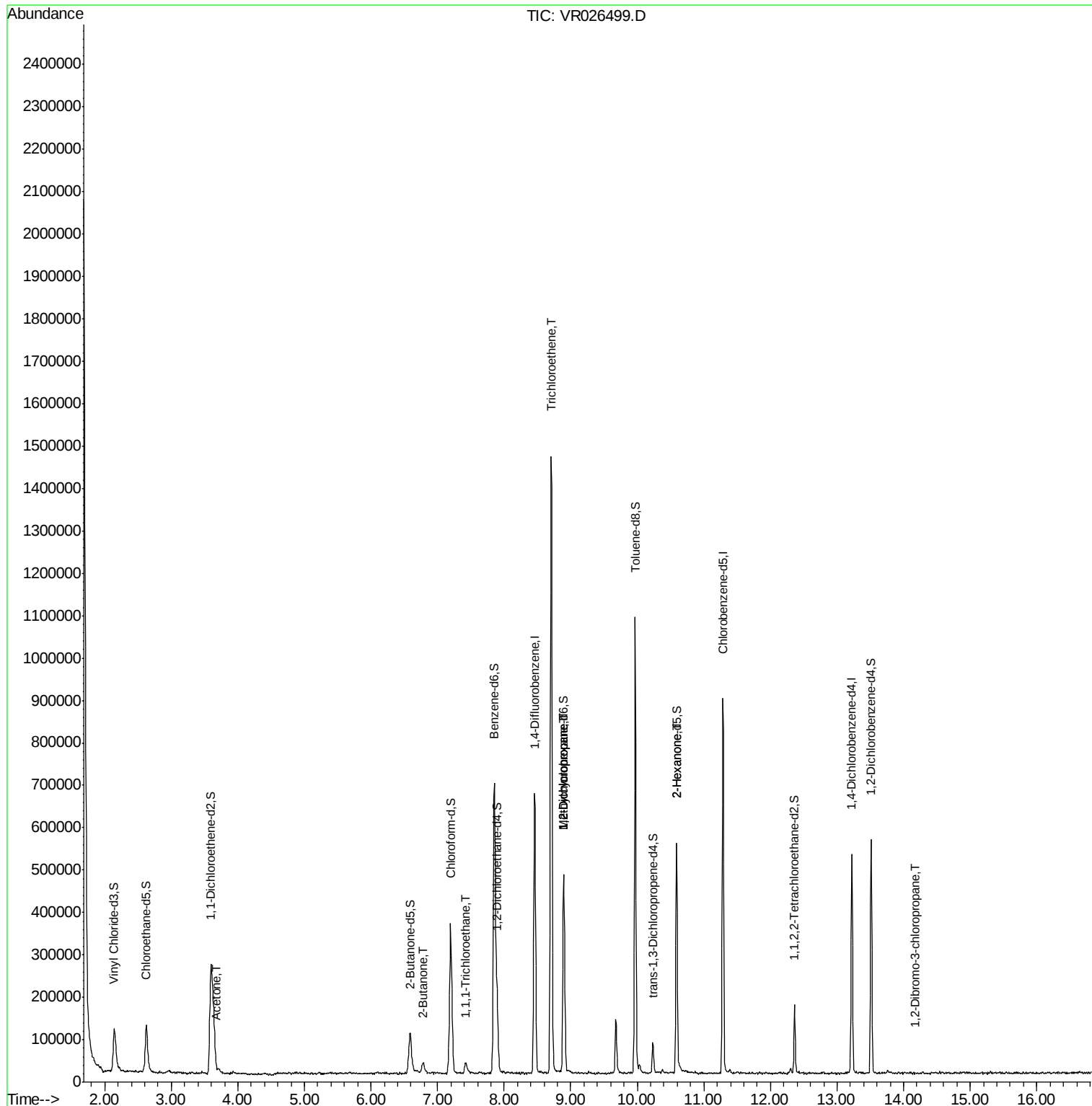
					Qvalue
13) Acetone	3.68	43	6025	2.042 ug/L	69
21) 2-Butanone	6.78	43	41060	10.823 ug/L #	55
29) 1,1,1-Trichloroethane	7.42	97	21179	0.351 ug/L	96
34) Trichloroethene	8.71	95	459774	12.013 ug/L	98
35) Methylcyclohexane	8.89	83	45078	0.826 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	24651	0.787 ug/L #	94
48) 2-Hexanone	10.59	43	24846	4.071 ug/L #	72
66) 1,2-Dibromo-3-chloropropan	14.17	75	370	0.346 ug/L	85

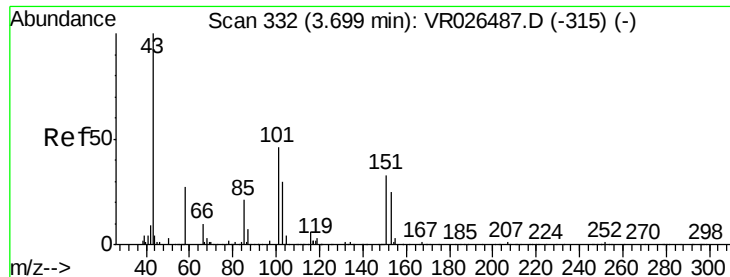
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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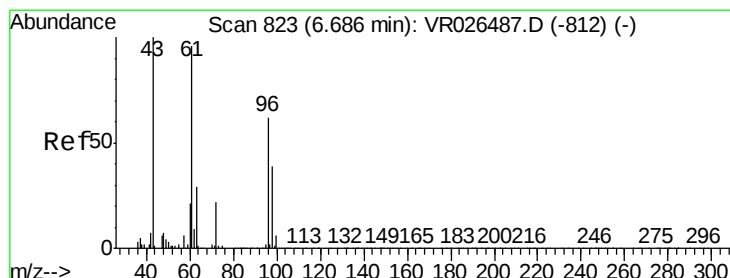
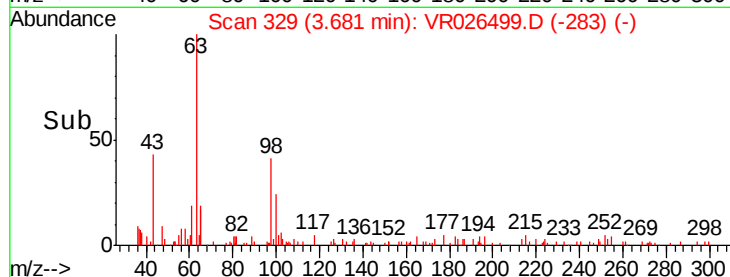
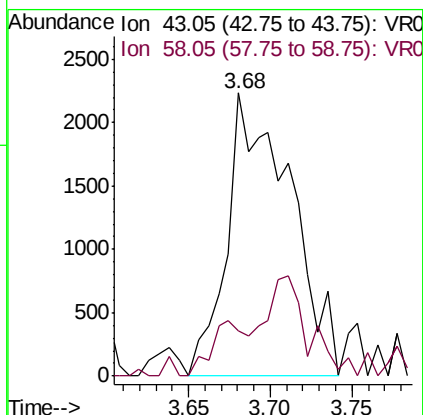
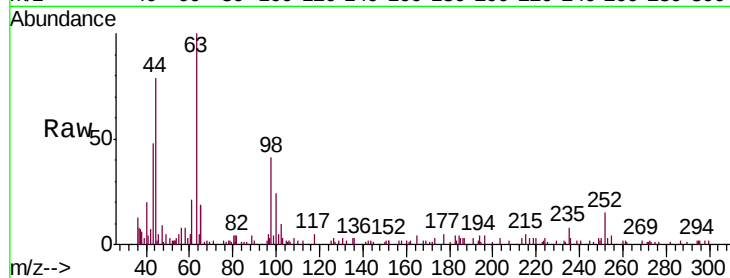




#13
Acetone
Concen: 2.042 ug/L
RT: 3.68 min Scan# 329
Delta R.T. -0.02 min
Lab File: VR026499.D
Acq: 7 Apr 2019 16:31

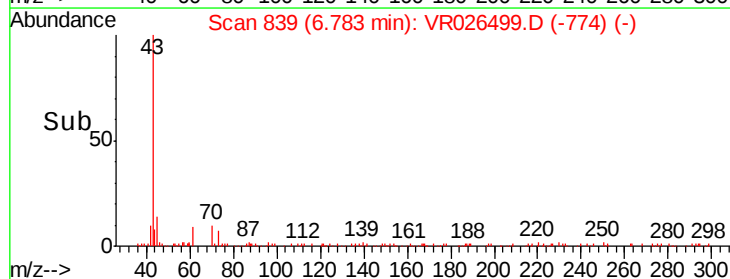
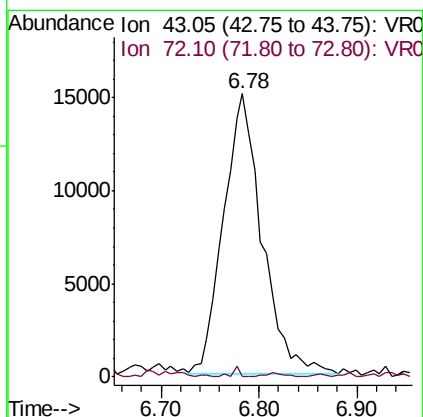
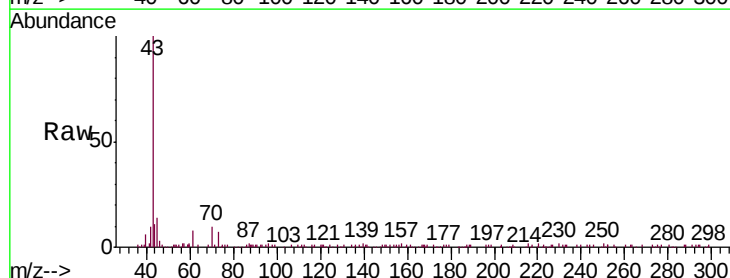
Instrument :
MSVOA_R
ClientSampleId :
BEZ13

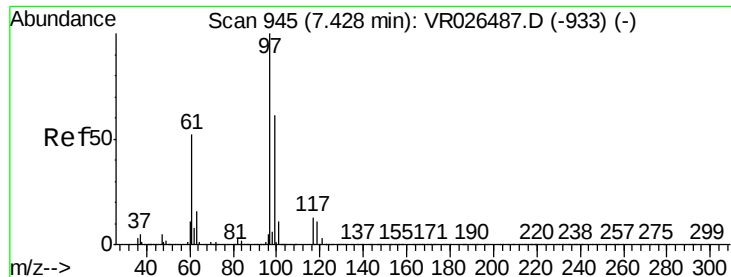
Tgt Ion: 43 Resp: 6025
Ion Ratio Lower Upper
43 100
58 10.9 0.0 53.8



#21
2-Butanone
Concen: 10.823 ug/L
RT: 6.78 min Scan# 839
Delta R.T. 0.10 min
Lab File: VR026499.D
Acq: 7 Apr 2019 16:31

Tgt Ion: 43 Resp: 41060
Ion Ratio Lower Upper
43 100
72 0.7 11.1 33.3#





#29

1,1,1-Trichloroethane

Concen: 0.351 ug/L

RT: 7.42 min Scan# 944

Delta R.T. -0.01 min

Lab File: VR026499.D

Acq: 7 Apr 2019 16:31

Instrument :

MSVOA_R

ClientSampled :

BEZ13

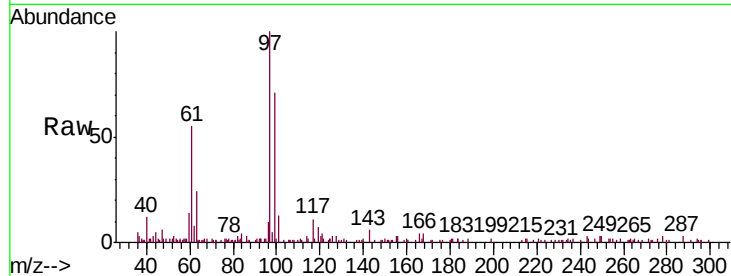
Tgt Ion: 97 Resp: 21179

Ion Ratio Lower Upper

97 100

99 64.4 49.6 74.4

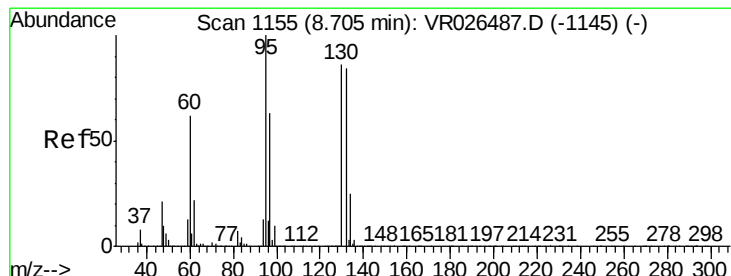
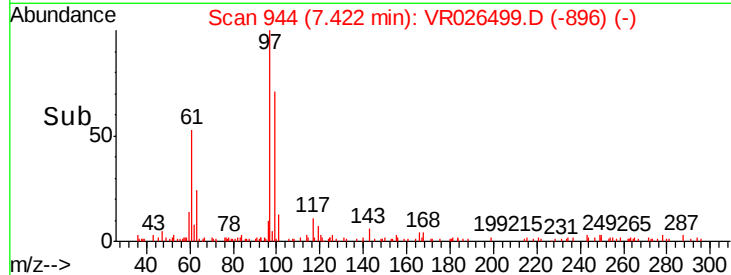
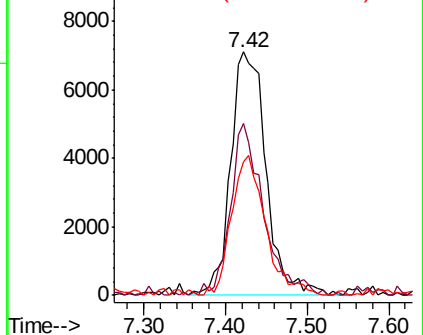
61 55.6 41.8 62.6



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: 12.013 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VR026499.D

Acq: 7 Apr 2019 16:31

Tgt Ion: 95 Resp: 459774

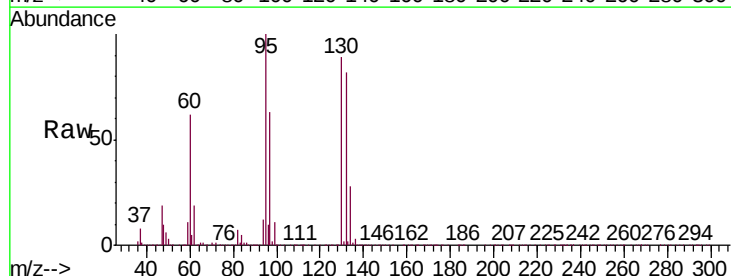
Ion Ratio Lower Upper

95 100

97 62.7 43.8 81.3

132 81.9 57.2 106.2

130 88.8 59.7 110.9

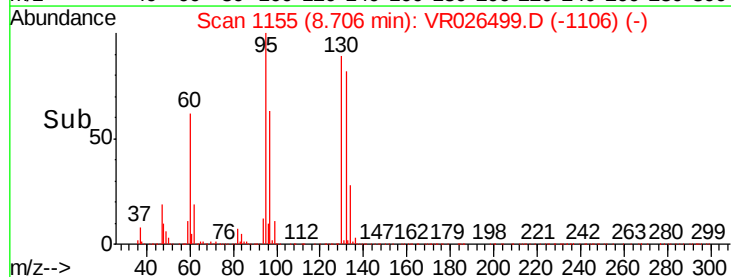
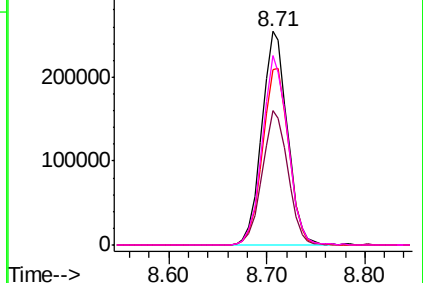


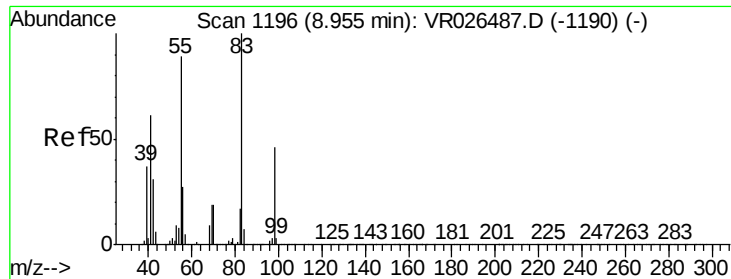
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

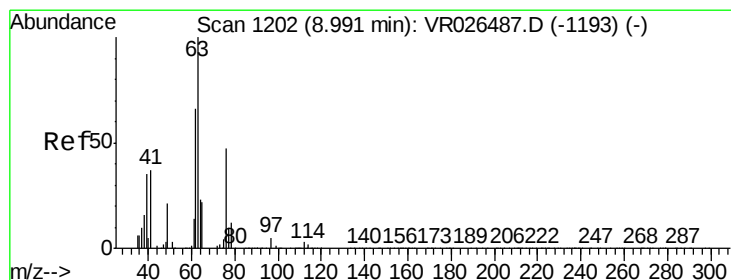
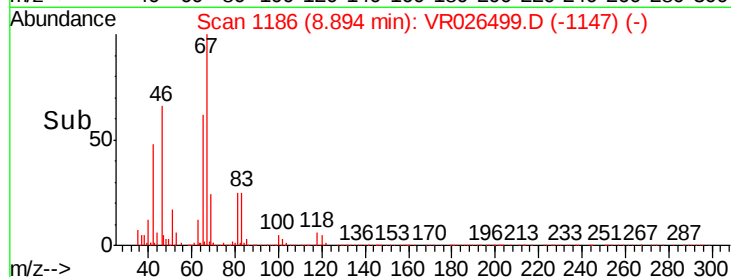
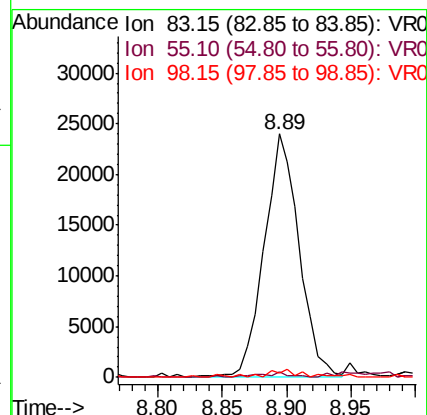
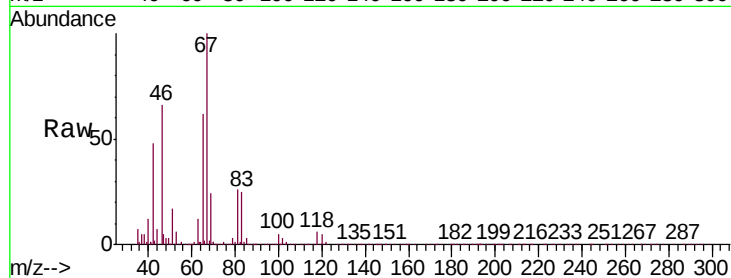




#35
Methylcyclohexane
Concen: 0.826 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026499.D
Acq: 7 Apr 2019 16:31

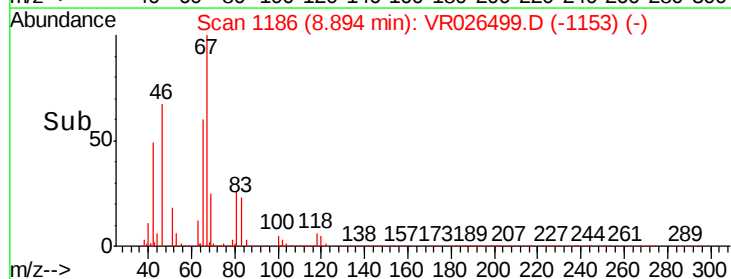
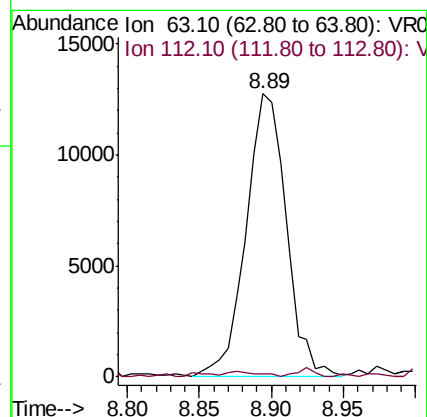
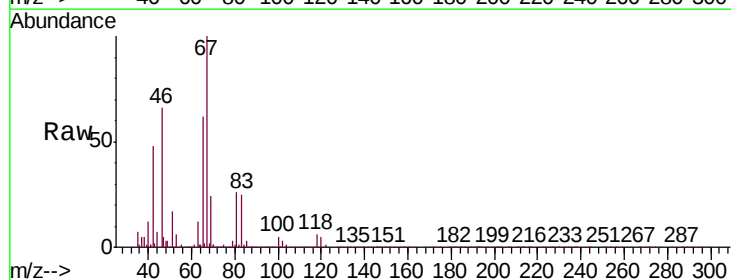
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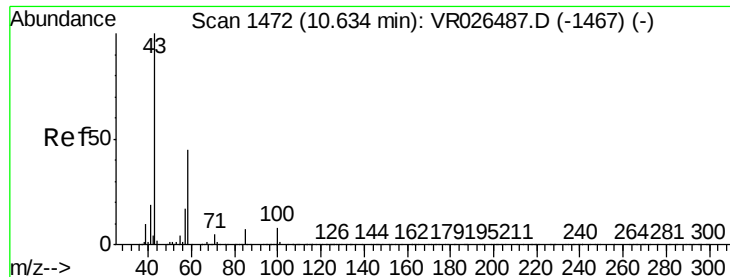
Tgt Ion: 83 Resp: 45078
Ion Ratio Lower Upper
83 100
55 1.7 73.8 110.6#
98 2.9 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.787 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026499.D
Acq: 7 Apr 2019 16:31

Tgt Ion: 63 Resp: 24651
Ion Ratio Lower Upper
63 100
112 1.6 2.8 4.2#

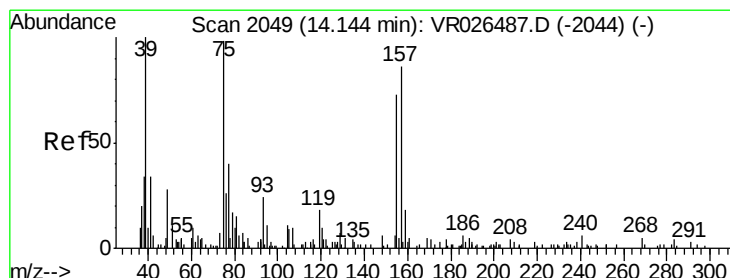
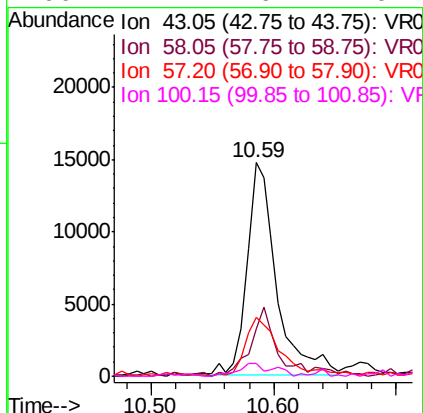
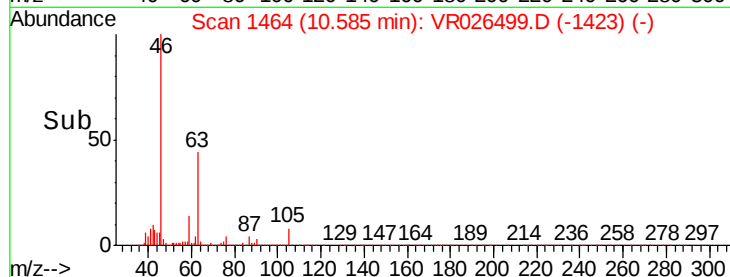
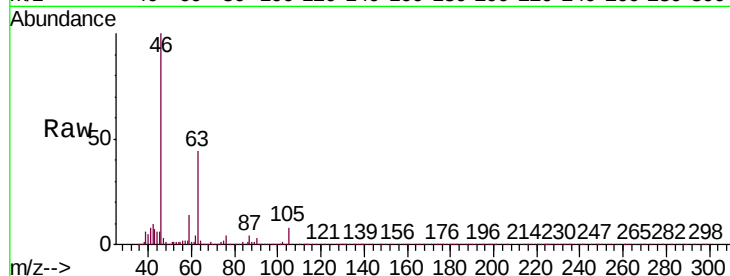




#48
2-Hexanone
Concen: 4.071 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026499.D
Acq: 7 Apr 2019 16:31

Instrument :
MSVOA_R
ClientSampleId :
BEZ13

Tgt Ion: 43 Resp: 24846
Ion Ratio Lower Upper
43 100
58 28.0 38.2 57.2#
57 32.9 13.8 20.6#
100 7.2 6.2 9.2



#66
1,2-Dibromo-3-chloropropane
Concen: 0.346 ug/L
RT: 14.17 min Scan# 2053
Delta R.T. 0.02 min
Lab File: VR026499.D
Acq: 7 Apr 2019 16:31

Tgt Ion: 75 Resp: 370
Ion Ratio Lower Upper
75 100
155 36.1 36.1 54.1
157 64.2 62.4 93.6

