

Data File : VR026023.D
Acq On : 10 Oct 2018 11:25
Operator : SY/MD
Sample : J5276-13
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEYB0

Quant Time: Oct 11 04:14:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	470482	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	394338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	125817	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	166737	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	2.63	69	153860	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	3.63	63	287716	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	6.59	46	205545	49.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.38%
24) Chloroform-d	7.20	84	293035	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	7.90	65	133655	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	7.85	84	578652	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	8.90	67	162951	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	9.97	98	531310	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	10.24	79	33157	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	10.59	63	155370	50.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66475	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	102430	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

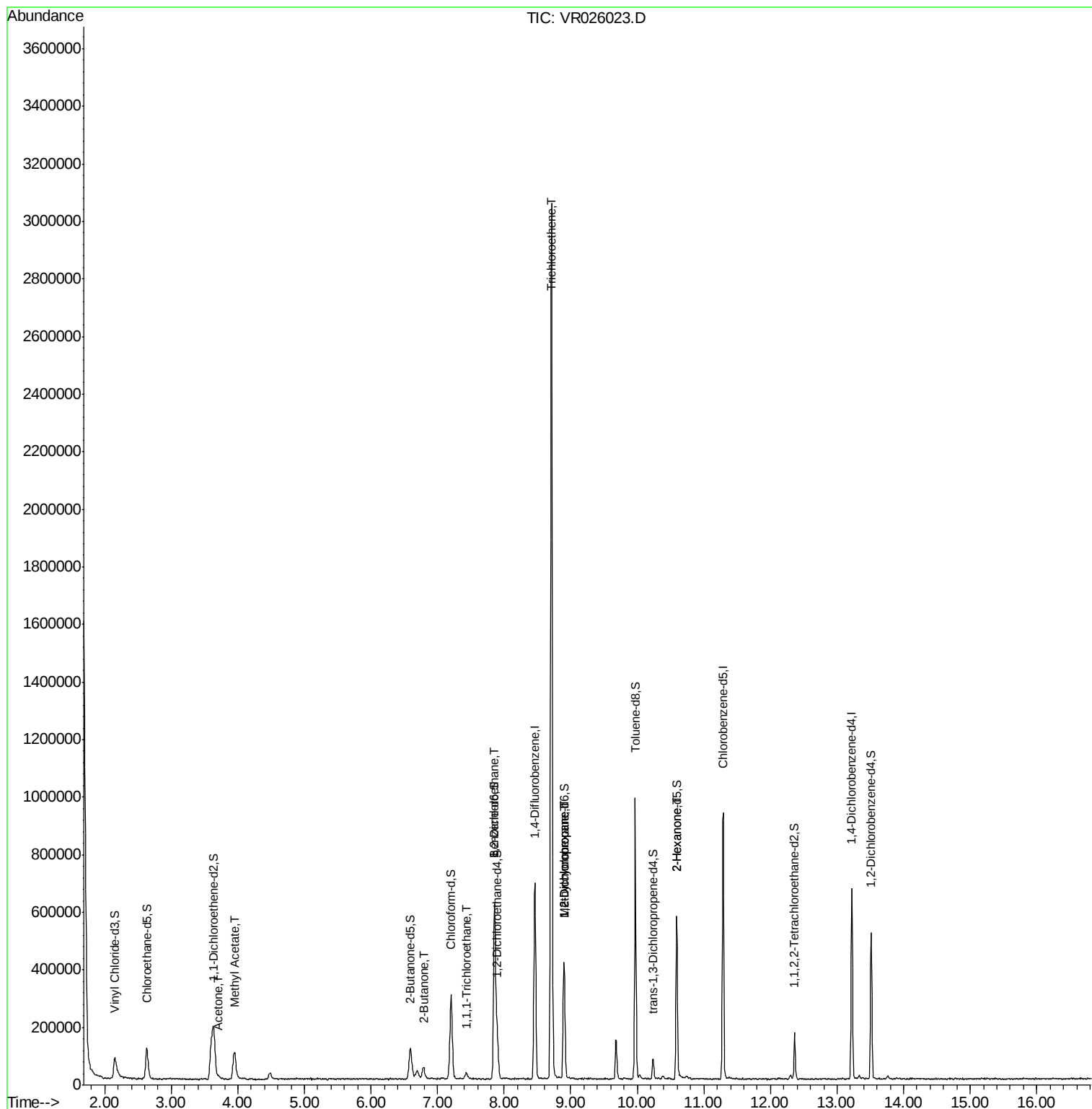
					Qvalue
13) Acetone	3.70	43	13171	4.393	ug/L 98
15) Methyl Acetate	3.95	43	47549	5.720	ug/L # 52
21) 2-Butanone	6.80	43	65754	15.947	ug/L # 52
27) 1,2-Dichloroethane	7.85	62	4718	0.167	ug/L 98
29) 1,1,1-Trichloroethane	7.44	97	17721	0.400	ug/L 94
34) Trichloroethene	8.71	95	939446	26.956	ug/L 93
35) Methylcyclohexane	8.89	83	39374	0.751	ug/L # 14
37) 1,2-Dichloropropane	8.90	63	20274	0.715	ug/L # 96
48) 2-Hexanone	10.59	43	23246	3.559	ug/L # 75

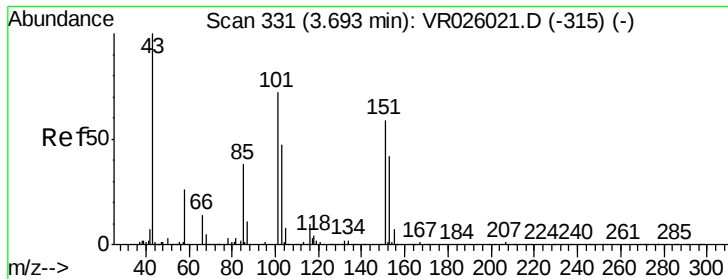
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
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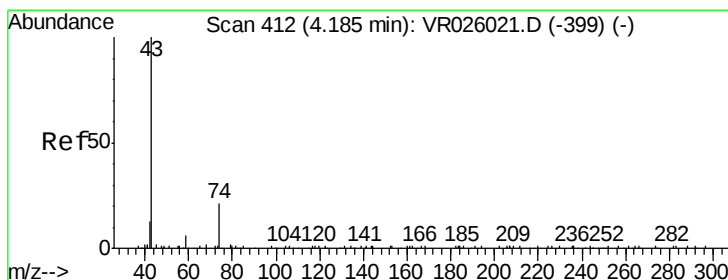
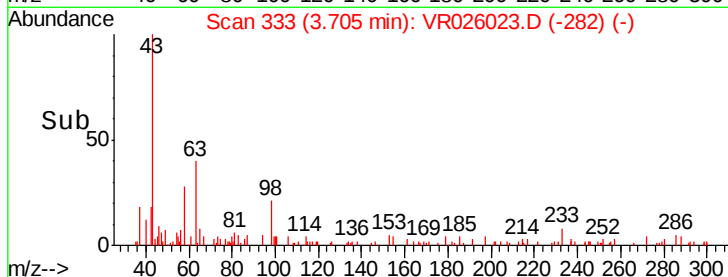
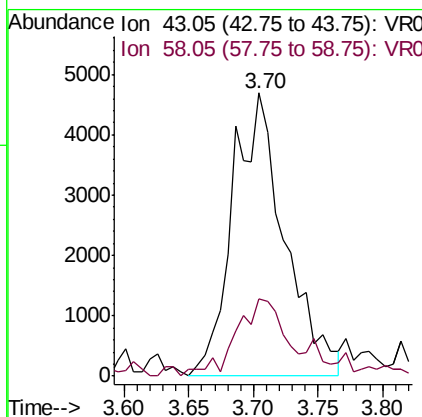
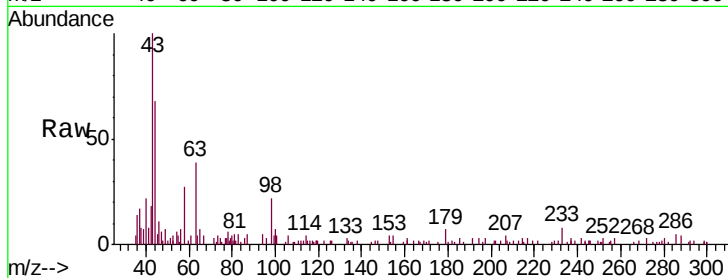




#13
Acetone
Concen: 4.393 ug/L
RT: 3.70 min Scan# 333
Delta R.T. 0.01 min
Lab File: VR026023.D
Acq: 10 Oct 2018 11:25

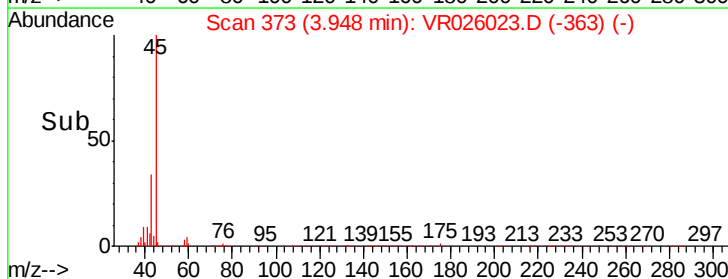
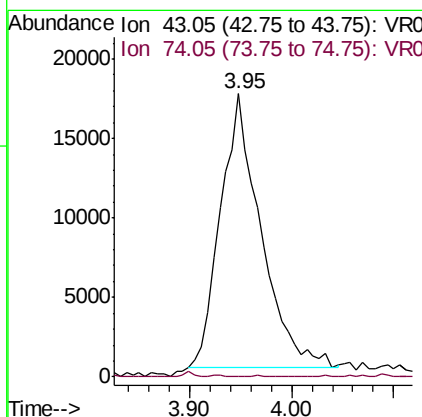
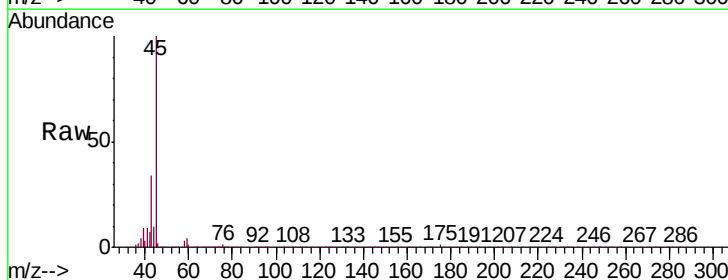
Instrument :
MSVOA_R
ClientSampleId :
BEYB0

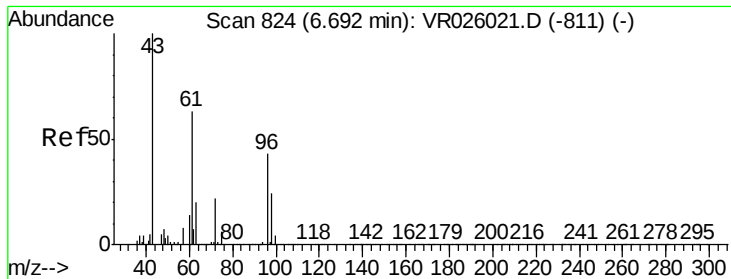
Tgt Ion: 43 Resp: 13171
Ion Ratio Lower Upper
43 100
58 24.7 0.0 51.4



#15
Methyl Acetate
Concen: 5.720 ug/L
RT: 3.95 min Scan# 373
Delta R.T. -0.24 min
Lab File: VR026023.D
Acq: 10 Oct 2018 11:25

Tgt Ion: 43 Resp: 47549
Ion Ratio Lower Upper
43 100
74 0.1 19.0 28.4#





#21

2-Butanone

Concen: 15.947 ug/L

RT: 6.80 min Scan# 841

Delta R.T. 0.10 min

Lab File: VR026023.D

Acq: 10 Oct 2018 11:25

Instrument :

MSVOA_R

ClientSampleId :

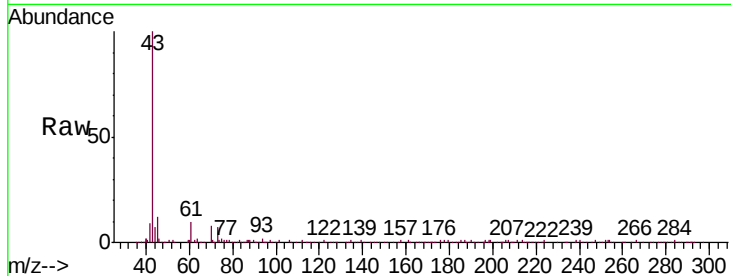
BEYB0

Tgt Ion: 43 Resp: 65754

Ion Ratio Lower Upper

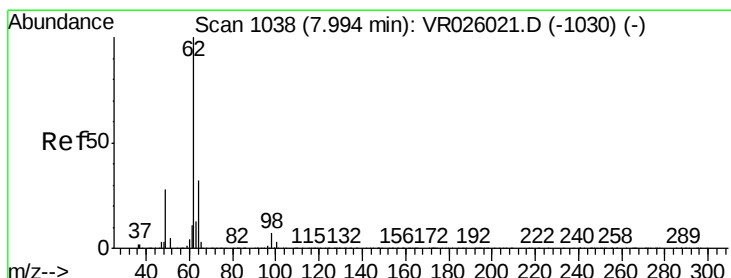
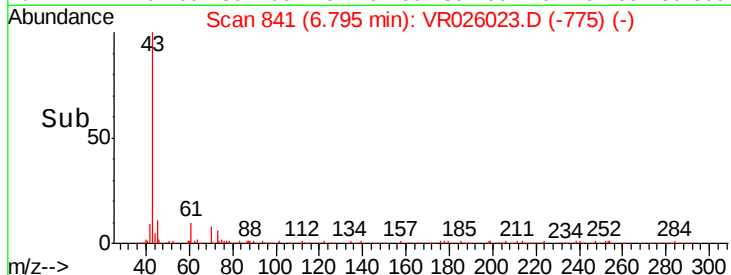
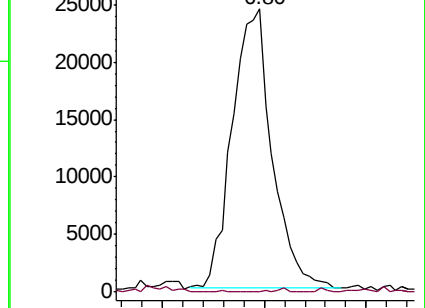
43 100

72 0.1 11.9 35.7#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



#27

1,2-Dichloroethane

Concen: 0.167 ug/L

RT: 7.85 min Scan# 1015

Delta R.T. -0.14 min

Lab File: VR026023.D

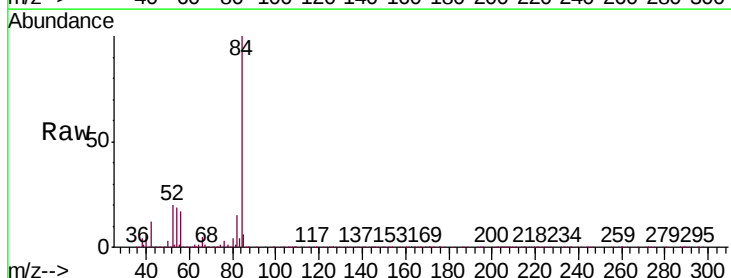
Acq: 10 Oct 2018 11:25

Tgt Ion: 62 Resp: 4718

Ion Ratio Lower Upper

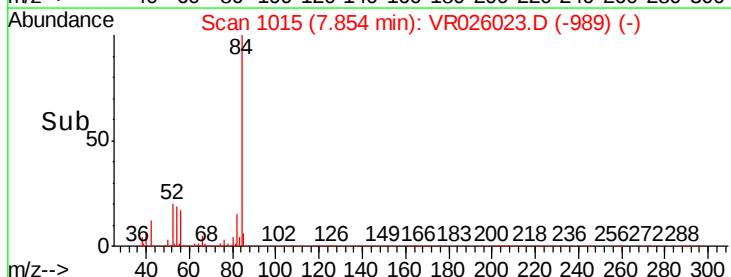
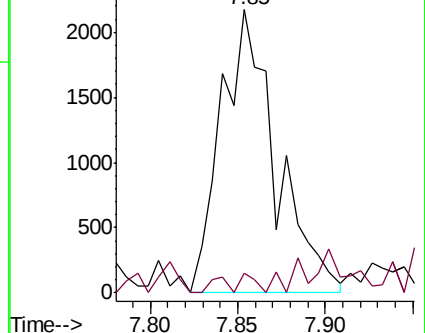
62 100

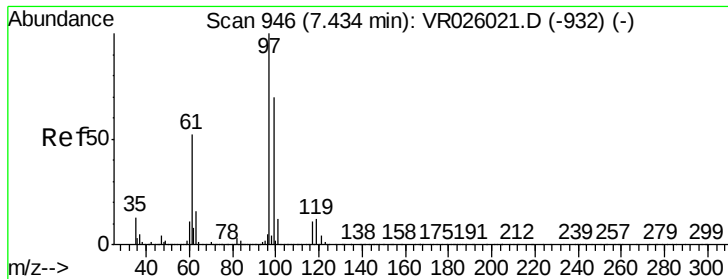
98 7.1 5.2 7.8



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 98.05 (97.75 to 98.75): VR0





#29

1,1,1-Trichloroethane

Concen: 0.400 ug/L

RT: 7.44 min Scan# 947

Delta R.T. 0.01 min

Lab File: VR026023.D

Acq: 10 Oct 2018 11:25

Instrument :

MSVOA_R

ClientSampleId :

BEYB0

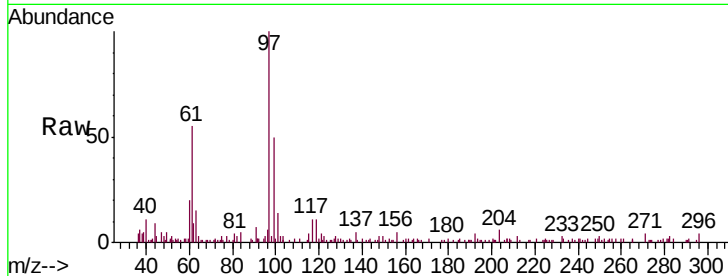
Tgt Ion: 97 Resp: 17721

Ion Ratio Lower Upper

97 100

99 70.9 51.0 76.6

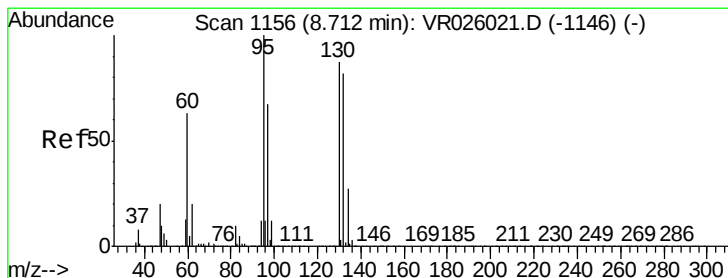
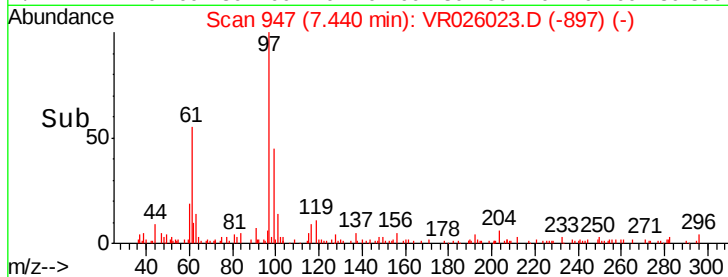
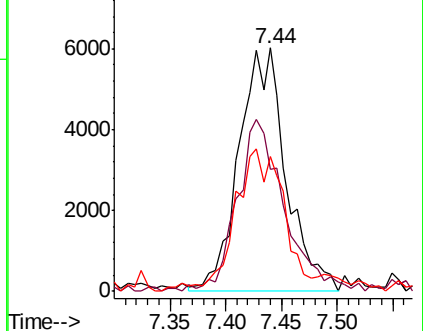
61 53.9 41.6 62.4



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: 26.956 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR026023.D

Acq: 10 Oct 2018 11:25

Tgt Ion: 95 Resp: 939446

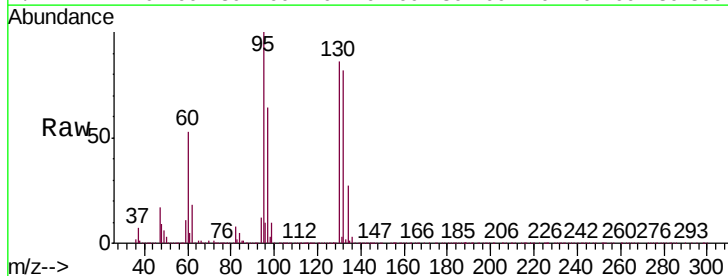
Ion Ratio Lower Upper

95 100

97 63.8 43.9 81.5

132 82.4 53.3 98.9

130 85.8 53.8 99.8

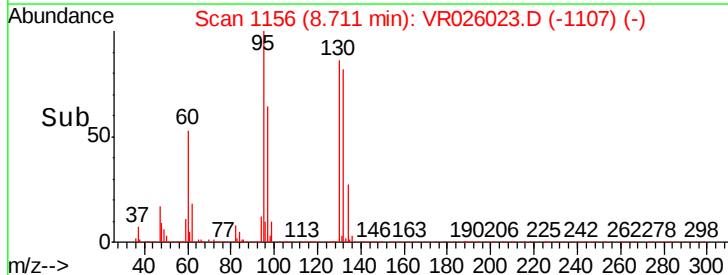
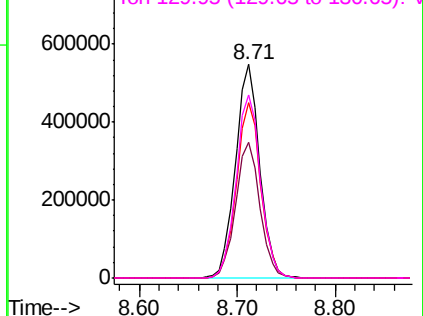


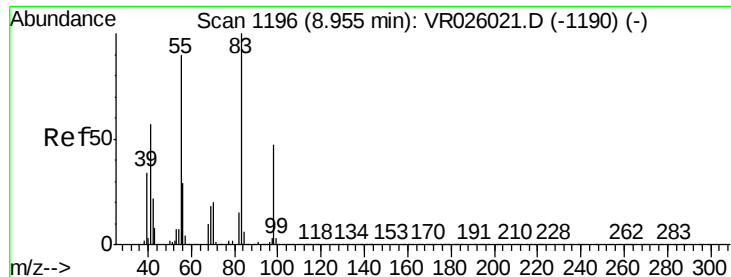
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

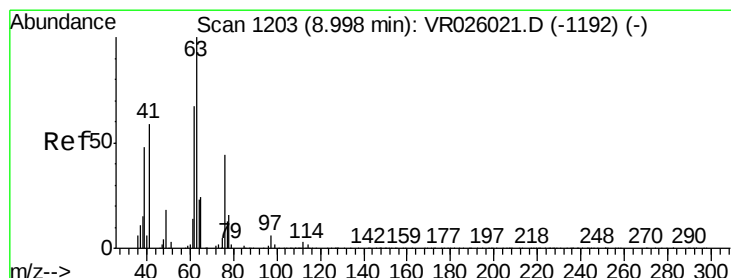
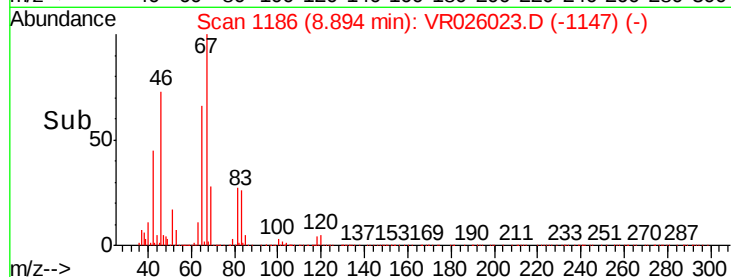
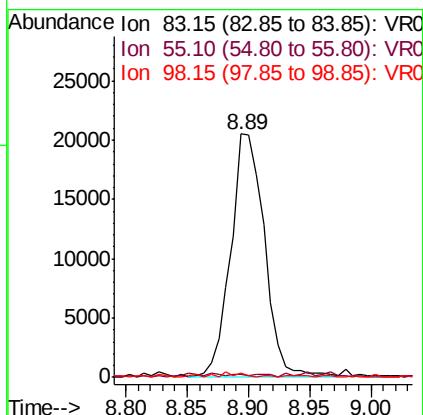
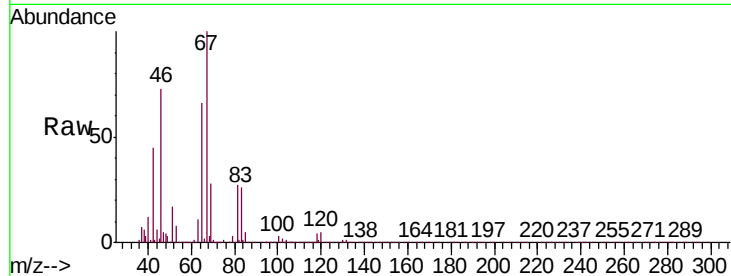




#35
Methylcyclohexane
Concen: 0.751 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026023.D
Acq: 10 Oct 2018 11:25

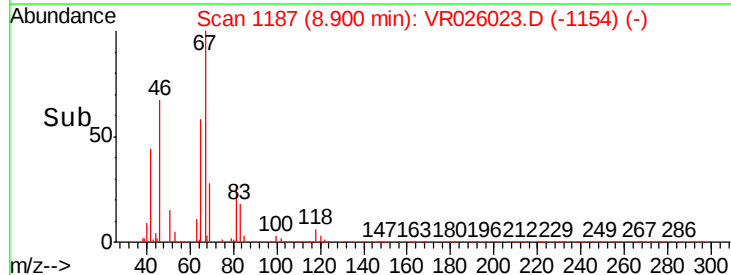
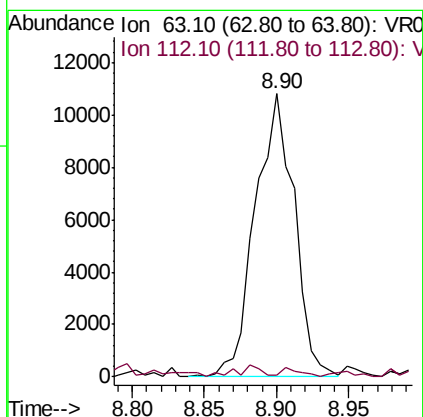
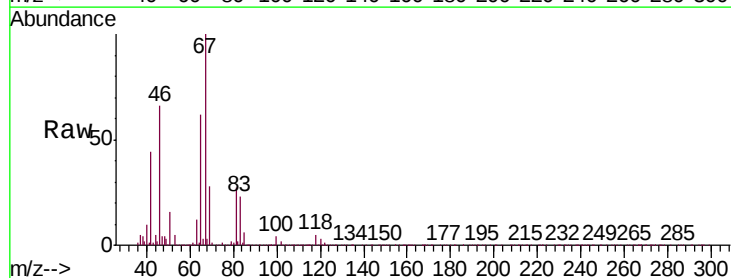
Instrument :
MSVOA_R
ClientSampled :
BEYB0

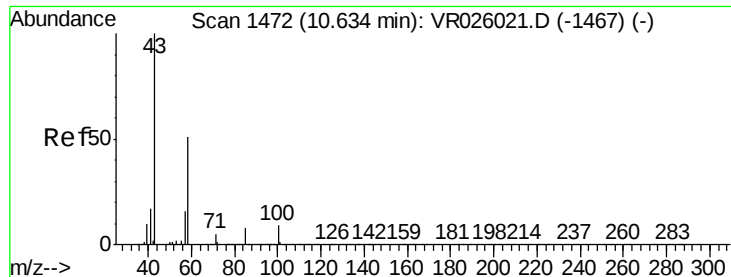
Tgt Ion: 83 Resp: 39374
Ion Ratio Lower Upper
83 100
55 0.4 71.8 107.6#
98 0.0 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.715 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026023.D
Acq: 10 Oct 2018 11:25

Tgt Ion: 63 Resp: 20274
Ion Ratio Lower Upper
63 100
112 1.6 2.5 3.7#





#48

2-Hexanone

Concen: 3.559 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026023.D

Acq: 10 Oct 2018 11:25

Instrument :

MSVOA_R

ClientSampleId :

BEYB0

Tgt Ion: 43 Resp: 23246

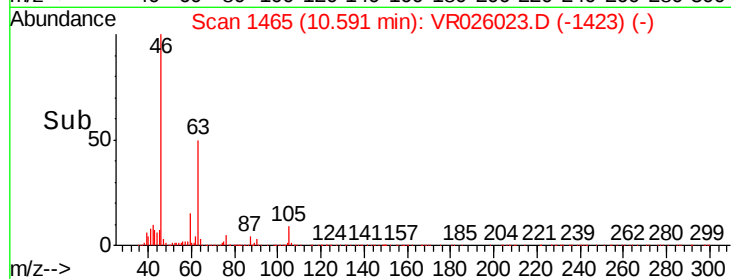
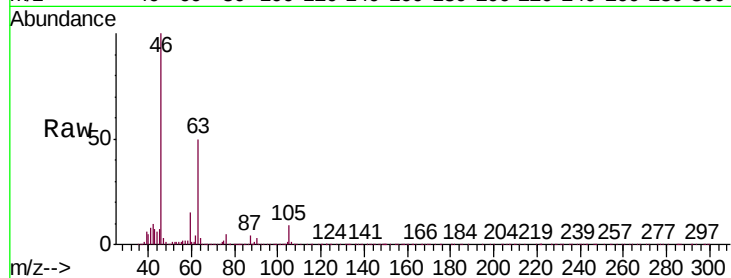
Ion Ratio Lower Upper

43 100

58 31.1 39.5 59.3#

57 29.9 14.6 21.8#

100 3.1 6.7 10.1#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

