

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\
 Data File : VR026564.D
 Acq On : 10 Apr 2019 21:32
 Operator : SY/MD
 Sample : K2289-19
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZJ9

Quant Time: Apr 11 04:24:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 11 04:17:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	529706	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	439897	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	132528	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	148865	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	2.63	69	140467	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	3.60	63	316669	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	6.59	46	159841	44.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.10%
24) Chloroform-d	7.20	84	323260	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	7.89	65	141796	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	7.85	84	565120	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	8.89	67	161148	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	9.97	98	515072	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	10.24	79	32002	3.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.20%
46) 2-Hexanone-d5	10.59	63	130426	50.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.72%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63395	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	111951	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

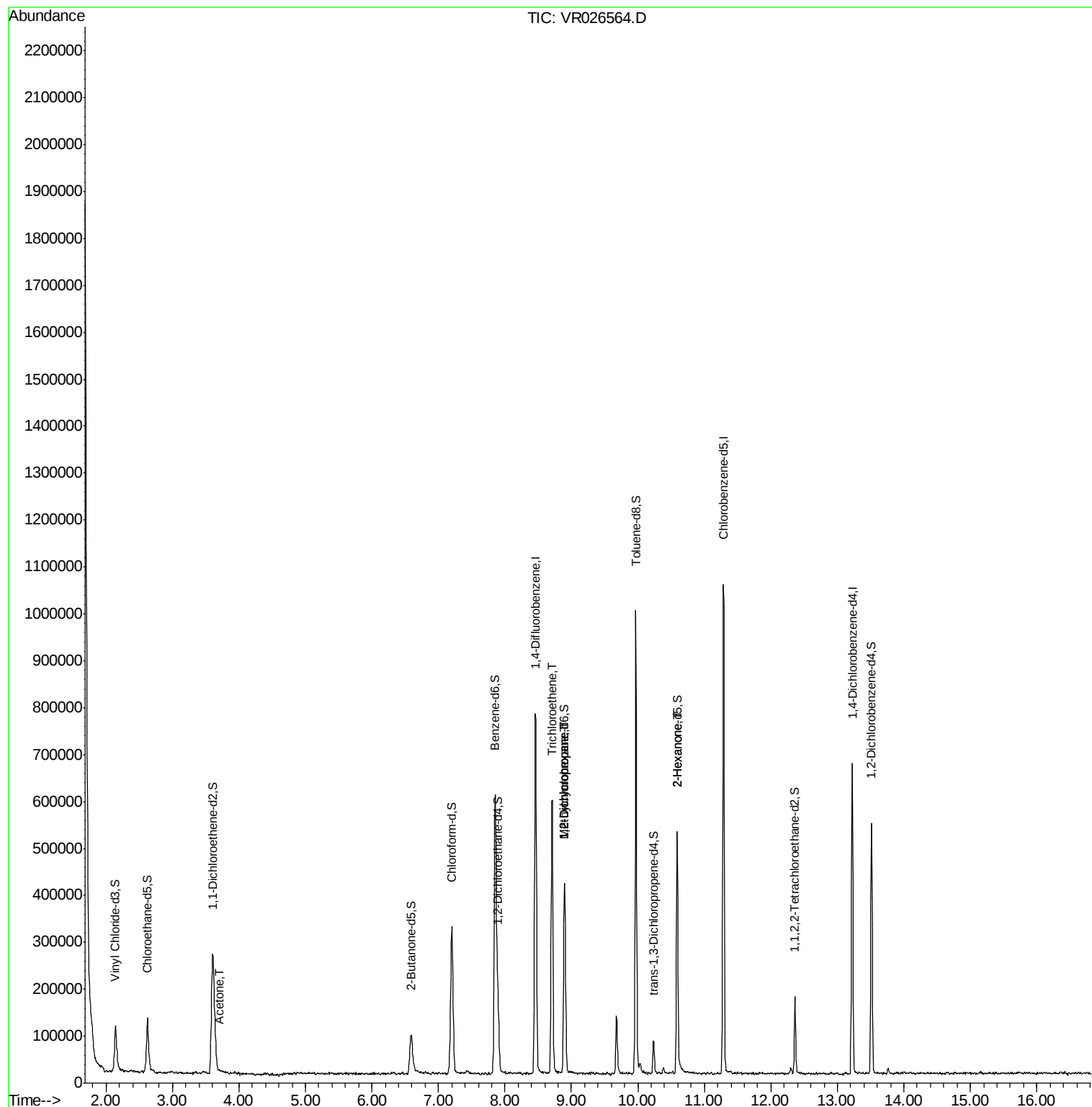
					Ovalue
13) Acetone	3.70	43	4638	1.279 ug/L	80
34) Trichloroethene	8.71	95	193008	4.191 ug/L	96
35) Methylcyclohexane	8.90	83	41031	0.625 ug/L #	14
37) 1,2-Dichloropropane	8.90	63	22729	0.603 ug/L #	97
48) 2-Hexanone	10.59	43	22488	3.063 ug/L #	75

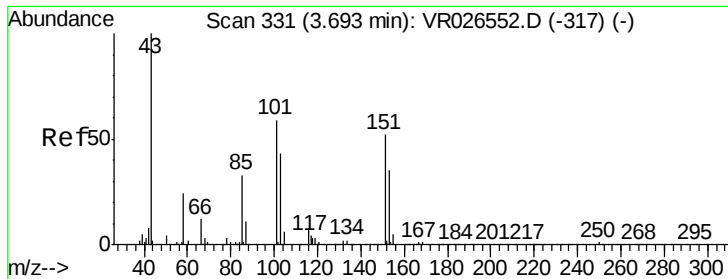
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.279 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

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Acq: 10 Apr 2019 21:32

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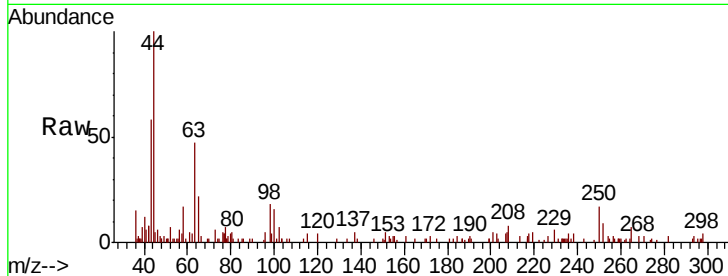
BEZJ9

Tot Ion: 43 Resp: 4638

Ion Ratio Lower Upper

43 100

58 37.3 0.0 53.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

2500

2000

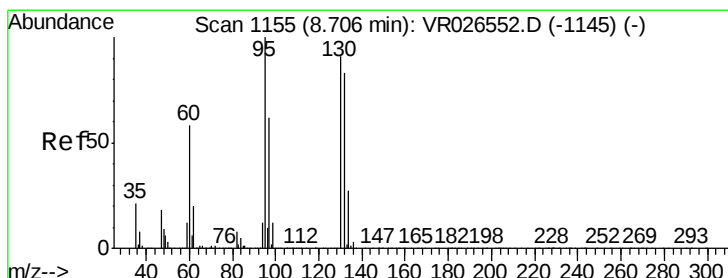
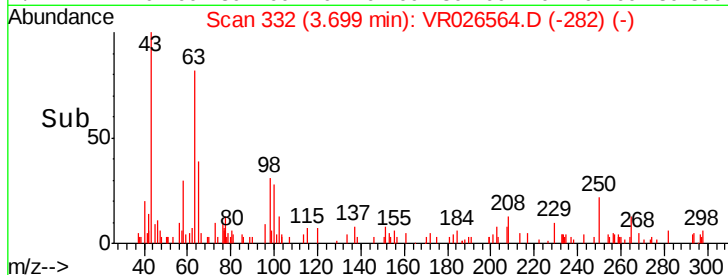
1500

1000

500

0

Time--> 3.60 3.65 3.70 3.75



#34

Trichloroethene

Concen: 4.191 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.01 min

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Acq: 10 Apr 2019 21:32

Tgt Ion: 95 Resp: 193008

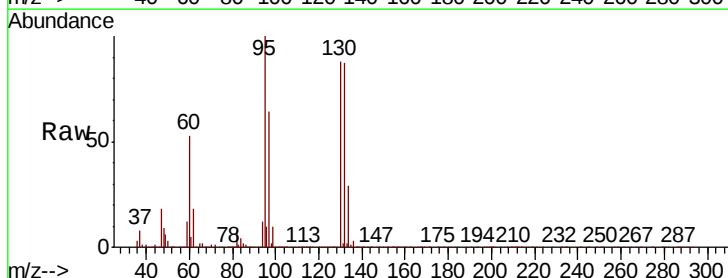
Ion Ratio Lower Upper

95 100

97 63.7 43.8 81.3

132 86.9 57.2 106.2

130 88.4 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

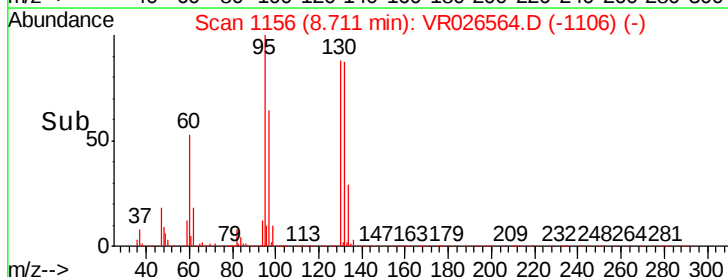
150000

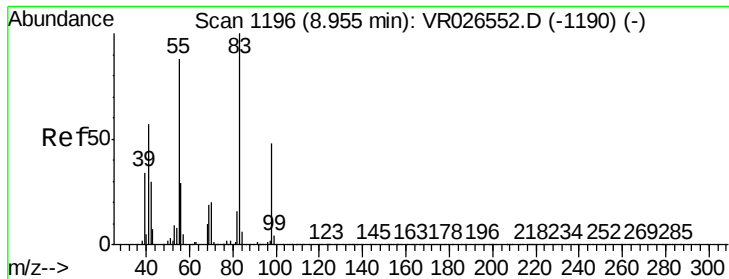
100000

50000

0

Time--> 8.60 8.65 8.70 8.75 8.80

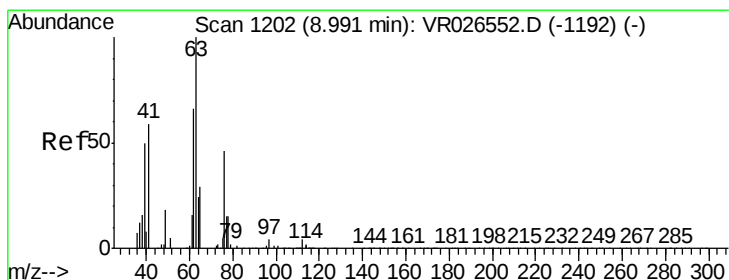
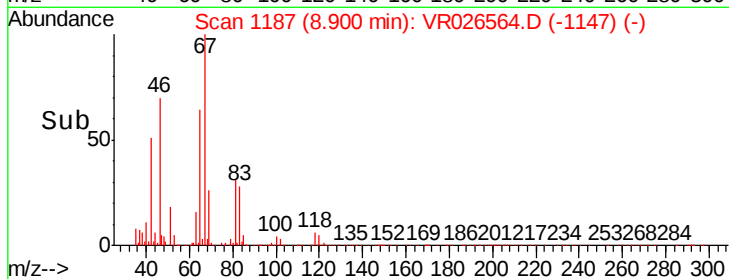
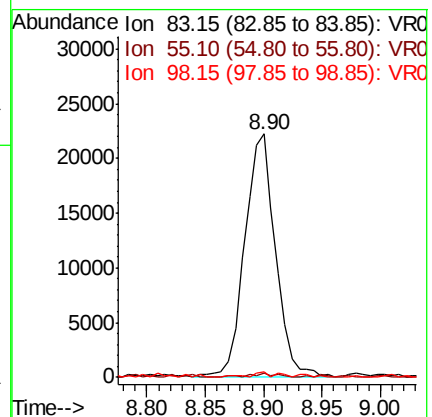
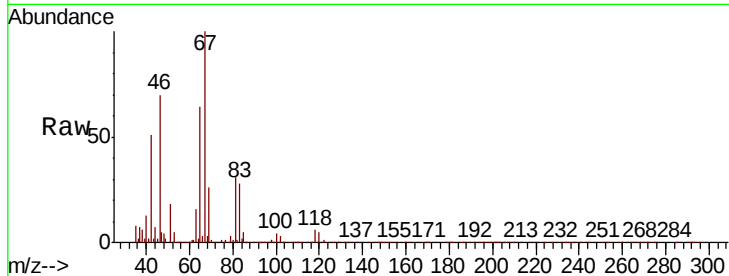




#35
Methvlcvclohexane
Concen: 0.625 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026564.D
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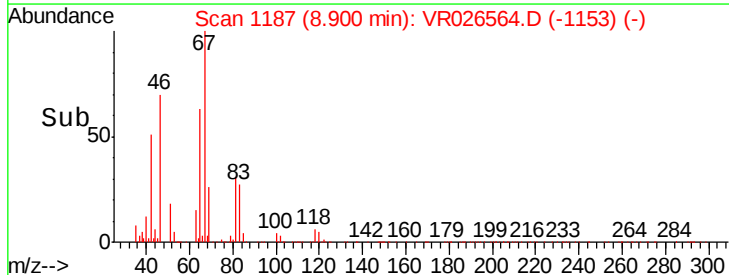
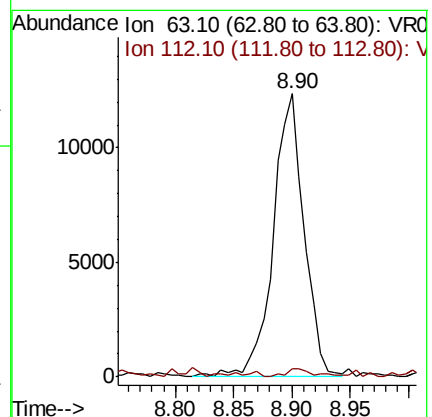
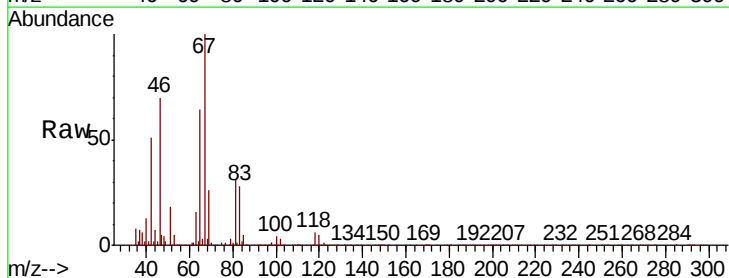
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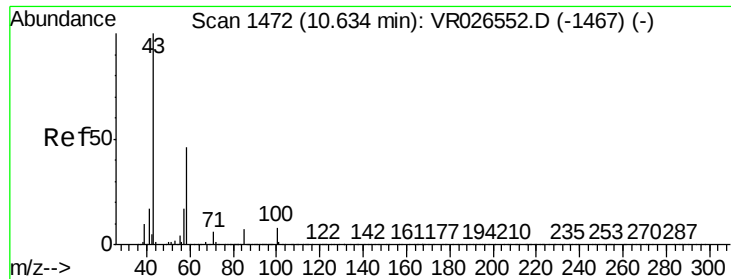
Tot Ion: 83 Resp: 41031
Ion Ratio Lower Upper
83 100
55 1.3 73.8 110.6#
98 1.3 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.603 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026564.D
Acq: 10 Apr 2019 21:32

Tgt Ion: 63 Resp: 22729
Ion Ratio Lower Upper
63 100
112 2.5 2.8 4.2#





#48

2-Hexanone

Concen: 3.063 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026564.D

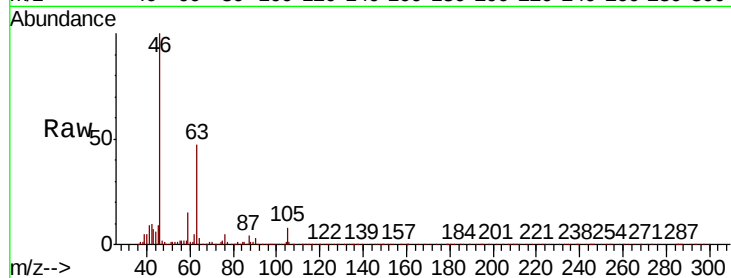
Acq: 10 Apr 2019 21:32

Instrument :

MSVOA_R

ClientSampleId :

BEZJ9



Tot Ion: 43 Resp: 22488

Ion Ratio Lower Upper

43 100

58 30.0 38.2 57.2#

57 30.7 13.8 20.6#

100 6.1 6.2 9.2#

