

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\
 Data File : VR026560.D
 Acq On : 10 Apr 2019 19:23
 Operator : SY/MD
 Sample : K2289-15
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZJ5

Quant Time: Apr 11 04:23:27 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	527821	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	435875	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	125423	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	155621	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	2.63	69	133239	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	3.60	63	330646	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	6.58	46	163150	45.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.26%
24) Chloroform-d	7.20	84	337099	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	7.89	65	148366	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	7.85	84	602149	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	8.89	67	167092	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	9.97	98	543920	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	10.23	79	34363	3.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.80%
46) 2-Hexanone-d5	10.59	63	134874	52.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.12%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63776	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	108397	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

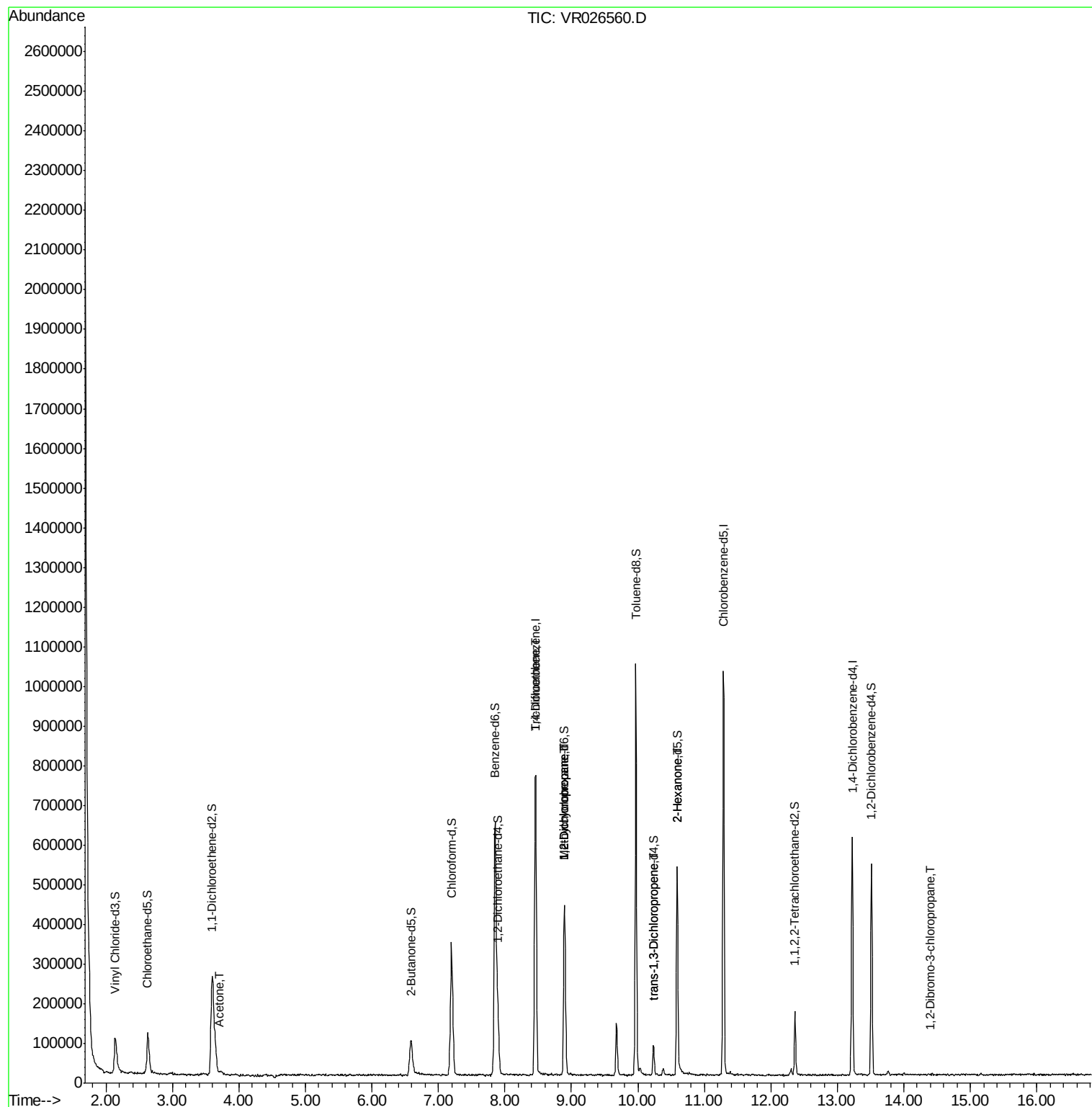
					Ovalue
13) Acetone	3.70	43	4530	1.254 ug/L	87
34) Trichloroethene	8.46	95	18795	0.412 ug/L #	11
35) Methylcyclohexane	8.89	83	39675	0.610 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	21593	0.578 ug/L #	92
44) trans-1,3-Dichloropropene	10.23	75	2923	0.099 ug/L	91
48) 2-Hexanone	10.59	43	23609	3.245 ug/L #	68
66) 1,2-Dibromo-3-chloropropan	14.40	75	197	0.154 ug/L	89

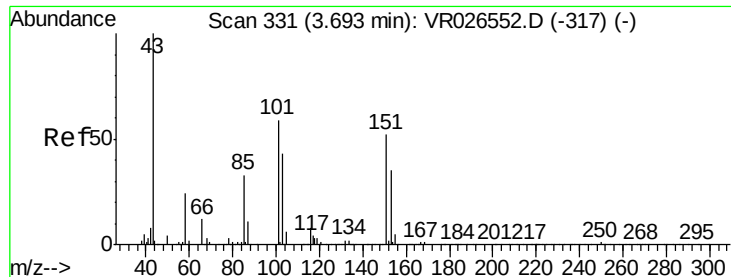
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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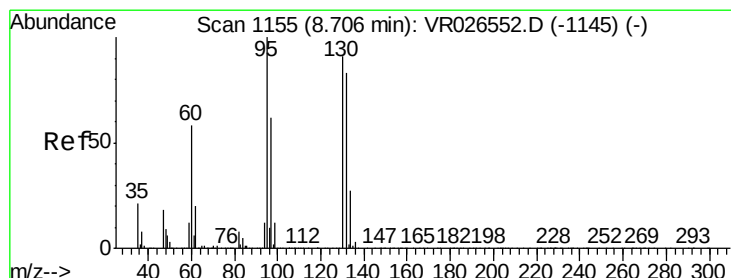
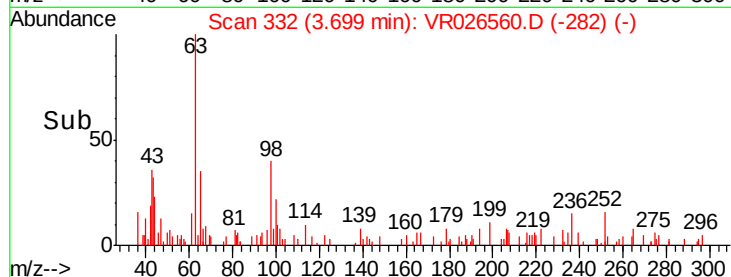
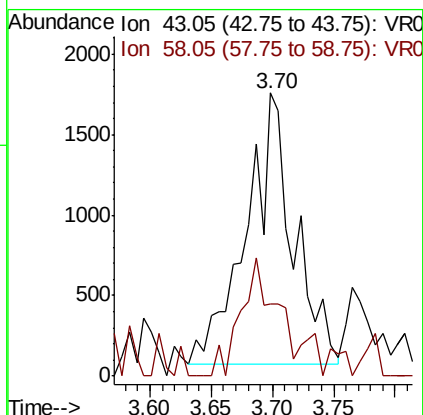
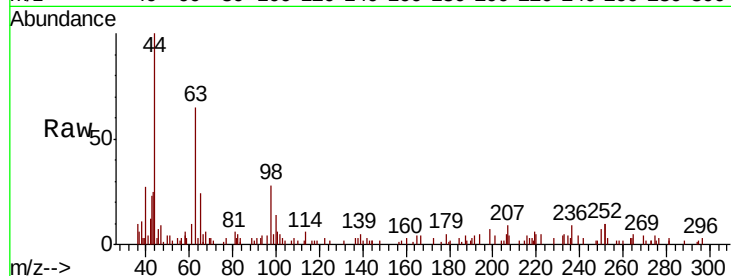




#13
Acetone
Concen: 1.254 ug/L
RT: 3.70 min Scan# 332
Delta R.T. 0.01 min
Lab File: VR026560.D
Acq: 10 Apr 2019 19:23

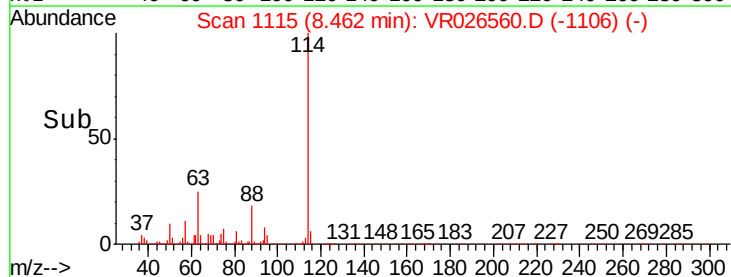
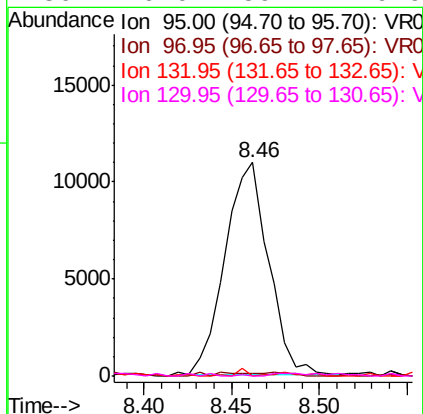
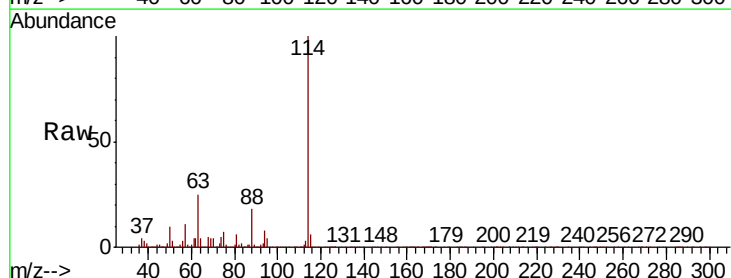
Instrument :
MSVOA_R
ClientSampleId :
BEZJ5

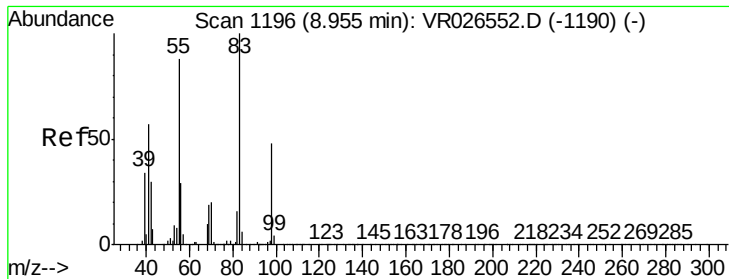
Tot Ion: 43 Resp: 4530
Ion Ratio Lower Upper
43 100
58 33.6 0.0 53.8



#34
Trichloroethene
Concen: 0.412 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.24 min
Lab File: VR026560.D
Acq: 10 Apr 2019 19:23

Tgt Ion: 95 Resp: 18795
Ion Ratio Lower Upper
95 100
97 1.0 43.8 81.3#
132 0.0 57.2 106.2#
130 0.0 59.7 110.9#

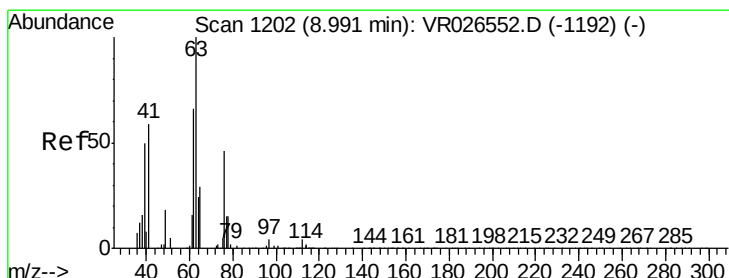
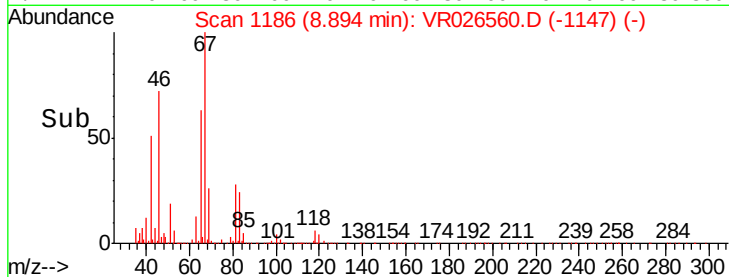
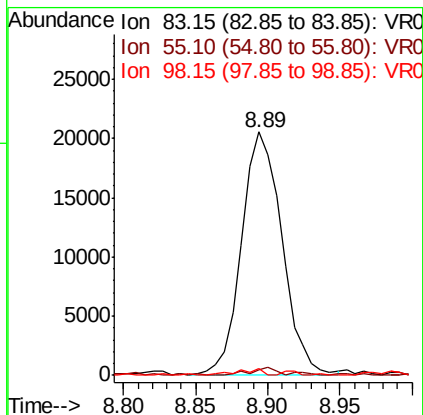
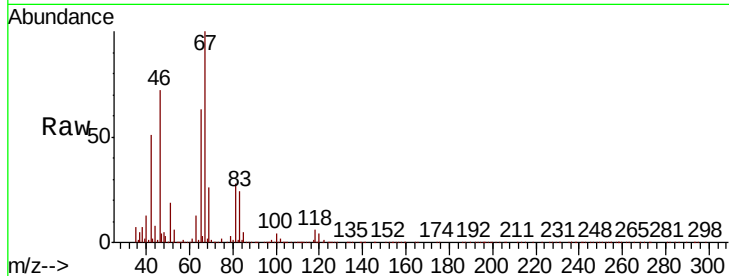




#35
Methylcyclohexane
Concen: 0.610 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026560.D
Acq: 10 Apr 2019 19:23

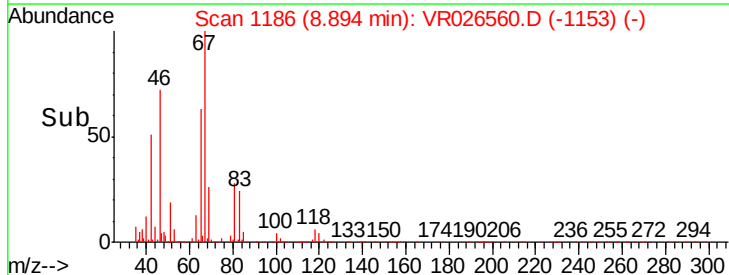
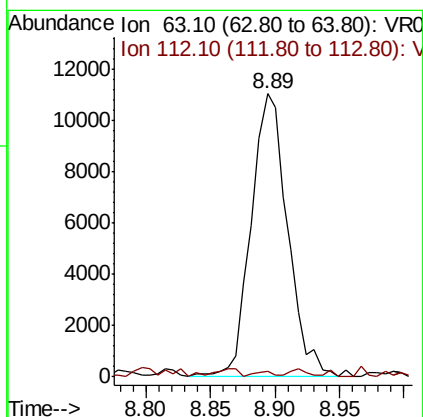
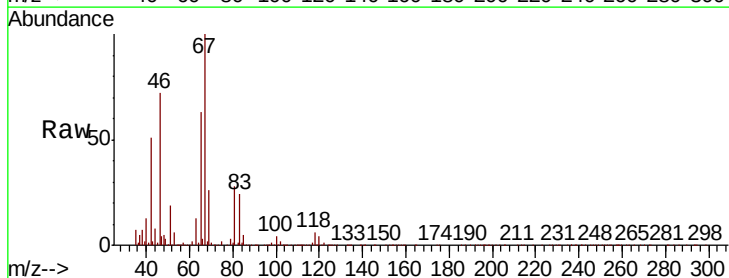
Instrument :
MSVOA_R
ClientSampled :
BEZJ5

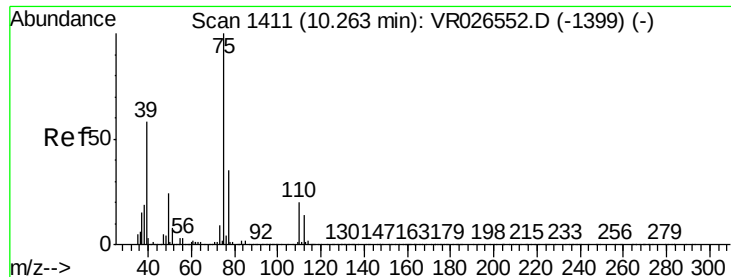
Tot Ion: 83 Resp: 39675
Ion Ratio Lower Upper
83 100
55 2.0 73.8 110.6#
98 1.8 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026560.D
Acq: 10 Apr 2019 19:23

Tgt Ion: 63 Resp: 21593
Ion Ratio Lower Upper
63 100
112 1.0 2.8 4.2#





#44

trans-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR026560.D

Acq: 10 Apr 2019 19:23

Instrument :

MSVOA_R

ClientSampleId :

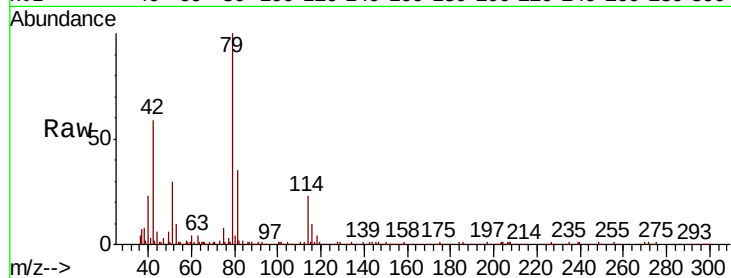
BEZJ5

Tot Ion: 75 Resp: 2923

Ion Ratio Lower Upper

75 100

77 37.2 22.7 42.1



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0

10.23

2000

1500

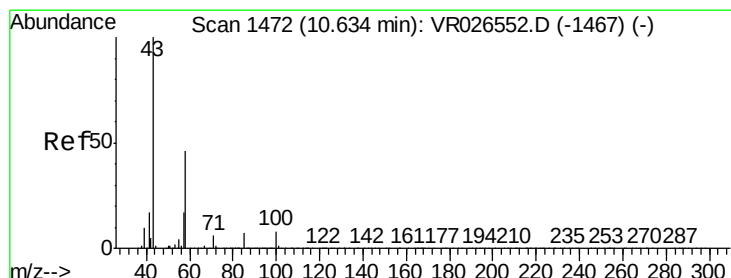
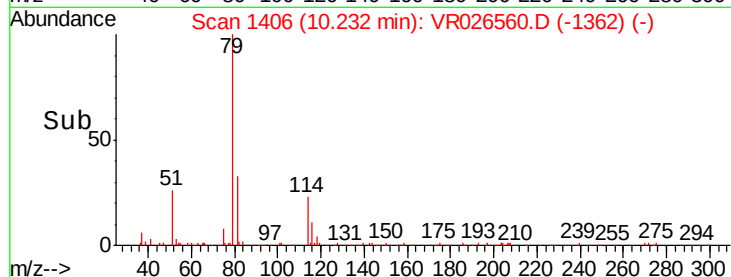
1000

500

0

Time-->

10.15 10.20 10.25 10.30



#48

2-Hexanone

Concen: 3.245 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026560.D

Acq: 10 Apr 2019 19:23

Tgt Ion: 43 Resp: 23609

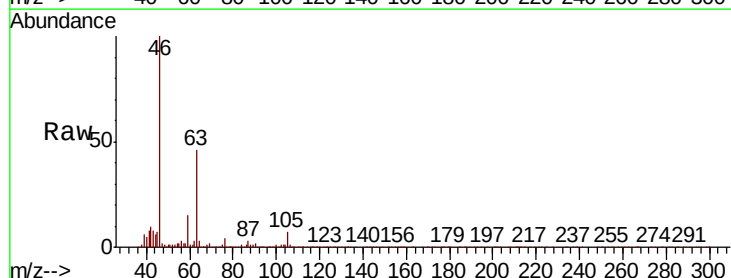
Ion Ratio Lower Upper

43 100

58 23.2 38.2 57.2#

57 31.2 13.8 20.6#

100 8.3 6.2 9.2



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

20000

15000

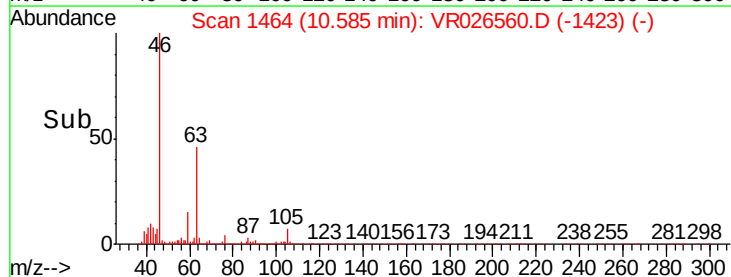
10000

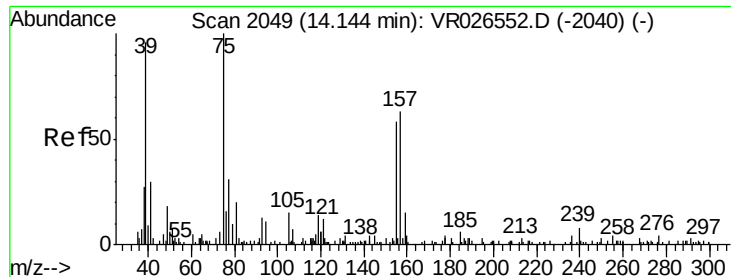
5000

0

Time-->

10.50 10.60





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.154 ug/L
 RT: 14.40 min Scan# 2091
 Delta R.T. 0.26 min
 Lab File: VR026560.D
 Acq: 10 Apr 2019 19:23

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZJ5

Tot Ion: 75 Resp: 197
 Ion Ratio Lower Upper
 75 100
 155 42.8 36.1 54.1
 157 90.8 62.4 93.6

