

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR040919\
 Data File : VR026538.D
 Acq On : 10 Apr 2019 4:22
 Operator : SY/MD
 Sample : K2285-20
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZD8

Quant Time: Apr 10 07:32:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 07:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	513880	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	427695	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	121798	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	176400	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	2.63	69	151563	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	3.61	63	361172	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	6.59	46	184902	53.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.24%
24) Chloroform-d	7.20	84	364516	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	7.89	65	159583	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	7.85	84	666605	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	8.90	67	179679	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	9.97	98	601805	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	10.23	79	34707	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	10.59	63	152616	60.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.22%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72697	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	123042	6.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	133.40%#

Target Compounds

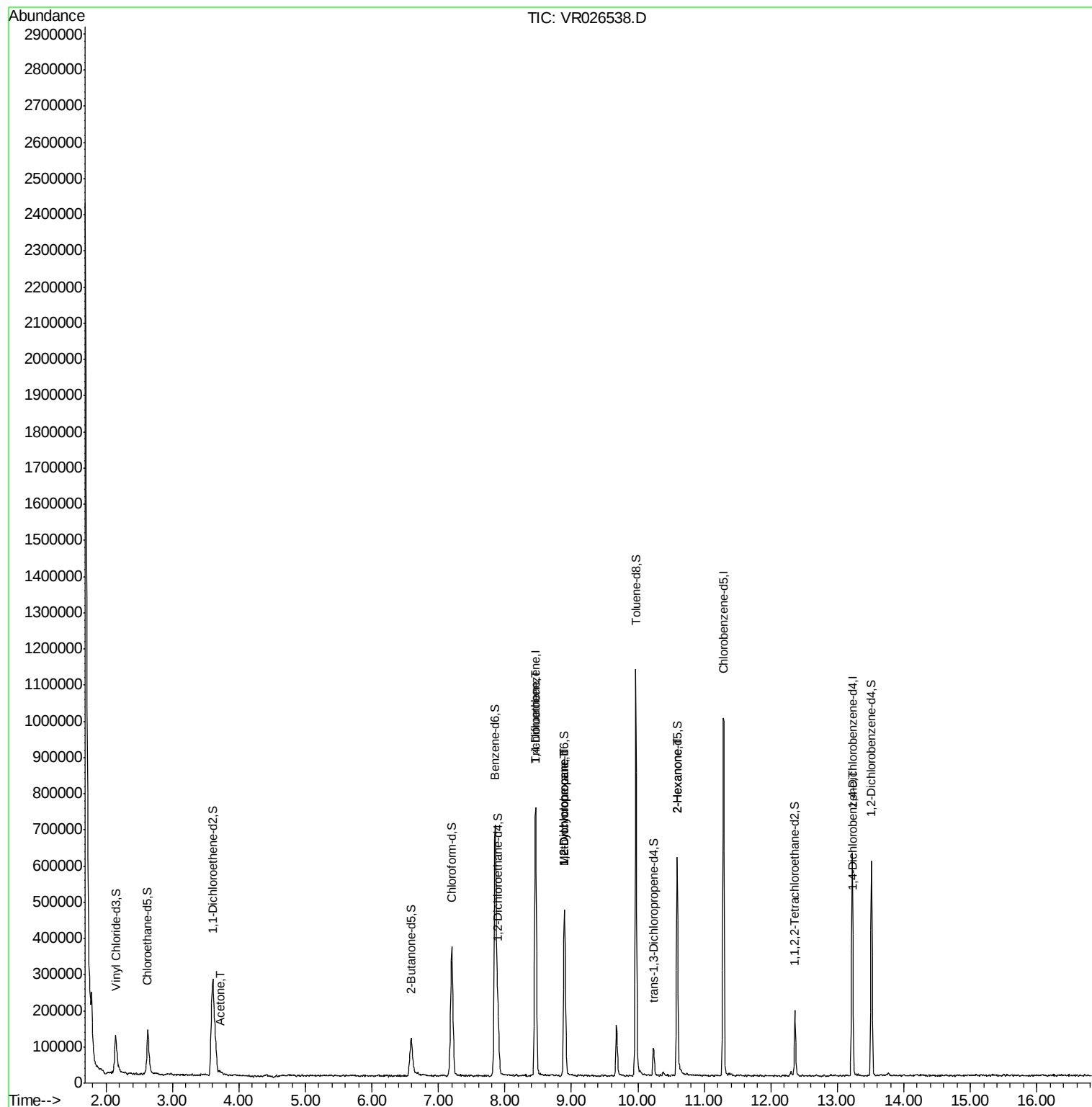
					Qvalue
13) Acetone	3.70	43	5397	1.534 ug/L	93
34) Trichloroethene	8.46	95	16869	0.377 ug/L #	12
35) Methylcyclohexane	8.89	83	44807	0.702 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	23821	0.650 ug/L #	90
48) 2-Hexanone	10.59	43	26646	3.732 ug/L #	70
63) 1,4-Dichlorobenzene	13.24	146	3870	0.088 ug/L	85

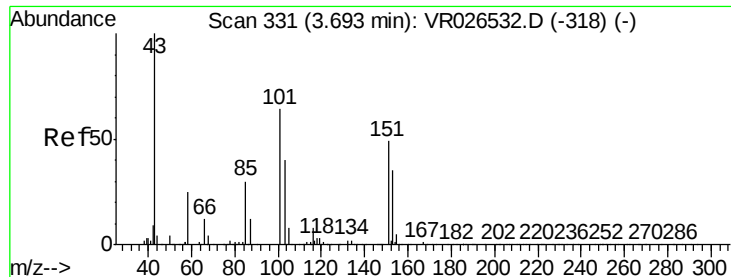
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.534 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR026538.D

Acq: 10 Apr 2019 4:22

Instrument :

MSVOA_R

ClientSampled :

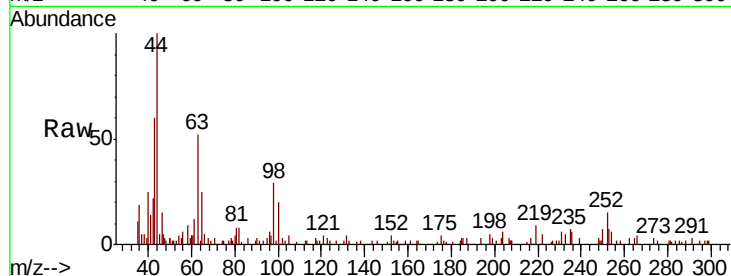
BEZD8

Tgt Ion: 43 Resp: 5397

Ion Ratio Lower Upper

43 100

58 30.6 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

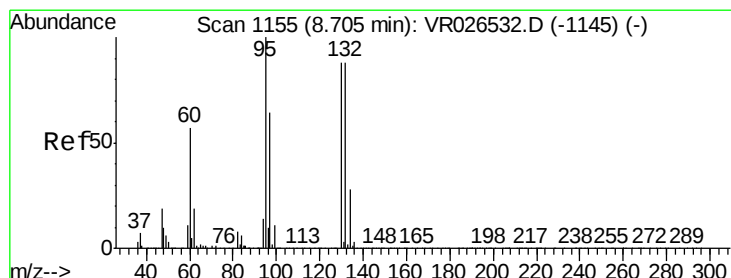
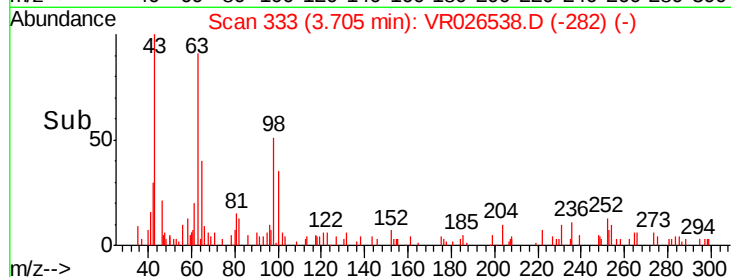
3.60

3.65

3.70

3.75

3.80



#34

Trichloroethene

Concen: 0.377 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.24 min

Lab File: VR026538.D

Acq: 10 Apr 2019 4:22

Tgt Ion: 95 Resp: 16869

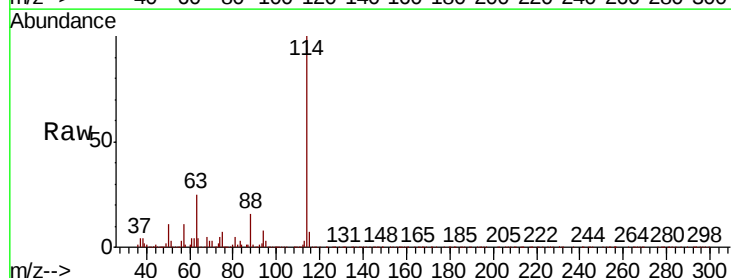
Ion Ratio Lower Upper

95 100

97 1.2 43.8 81.3#

132 2.2 57.2 106.2#

130 1.1 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

10000

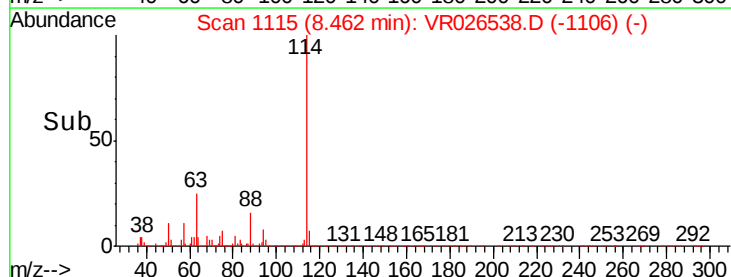
5000

0

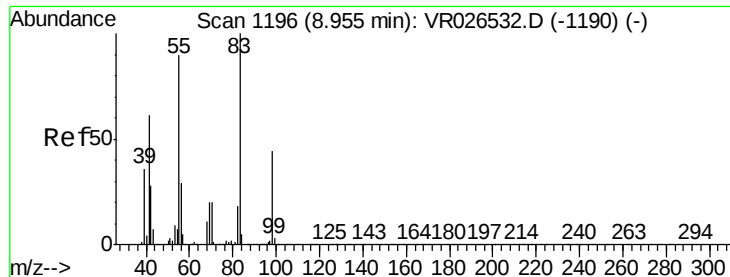
8.40

8.45

8.50



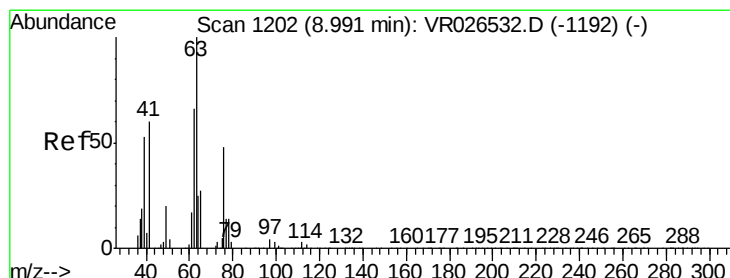
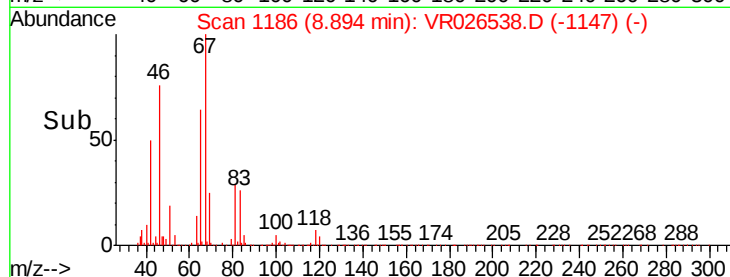
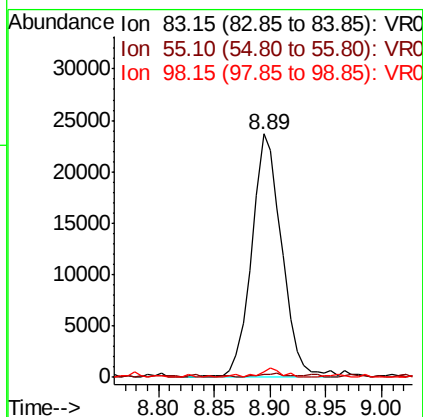
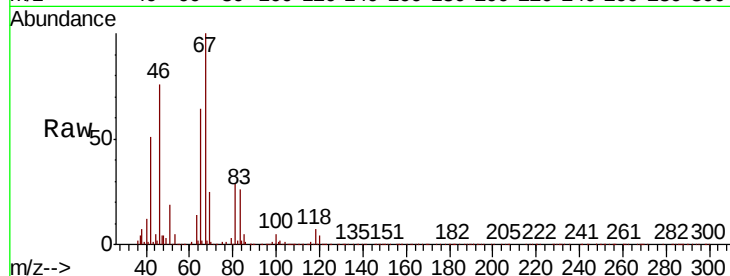
Time-->



#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026538.D
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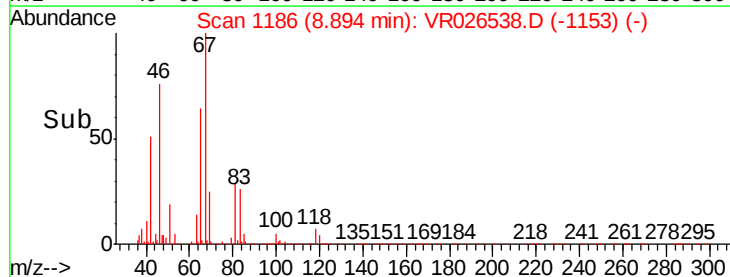
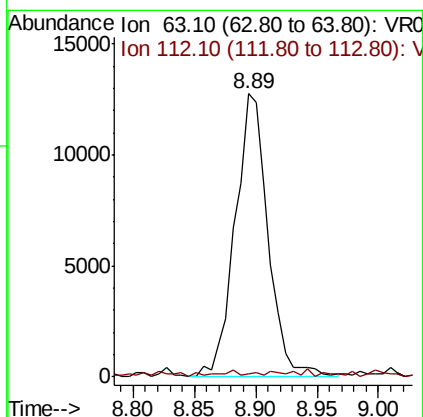
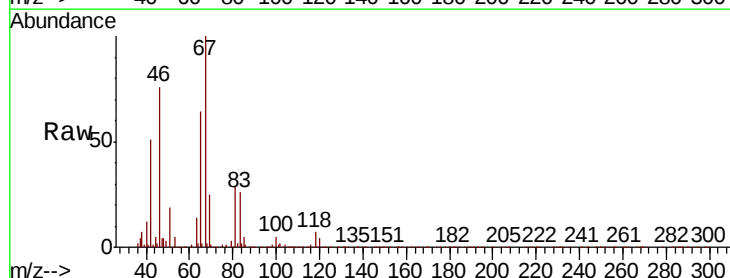
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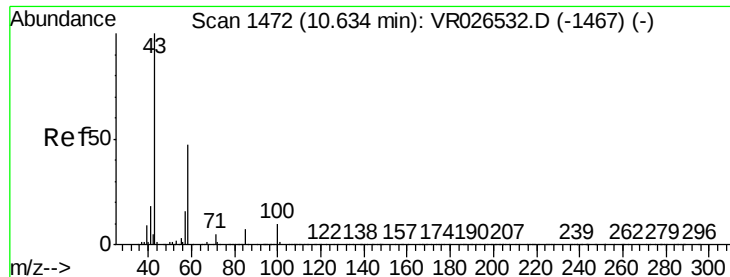
Tgt Ion: 83 Resp: 44807
Ion Ratio Lower Upper
83 100
55 1.0 73.8 110.6#
98 2.6 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026538.D
Acq: 10 Apr 2019 4:22

Tgt Ion: 63 Resp: 23821
Ion Ratio Lower Upper
63 100
112 0.2 2.8 4.2#

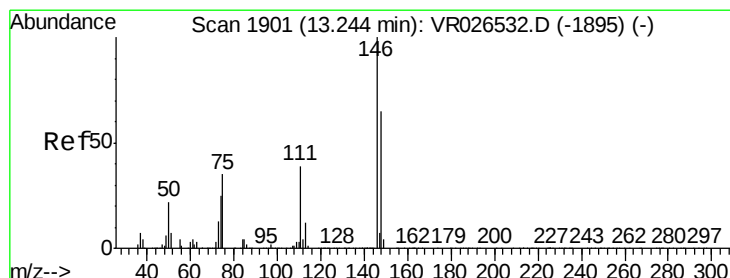
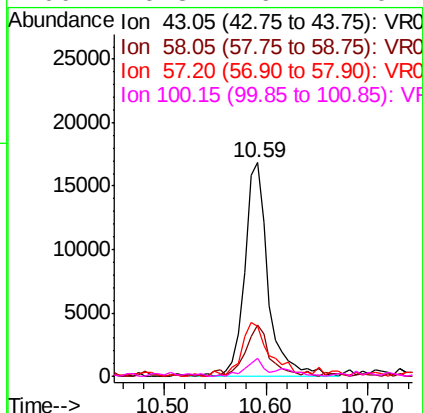
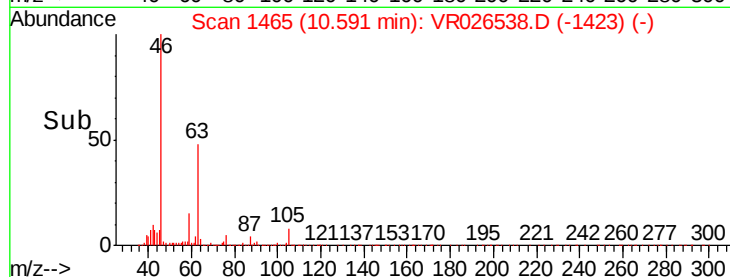
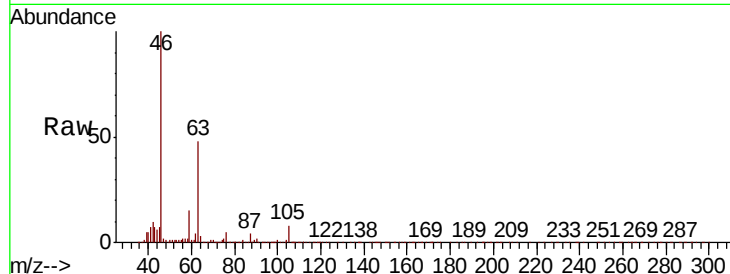




#48
2-Hexanone
Concen: 3.732 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026538.D
Acq: 10 Apr 2019 4:22

Instrument :
MSVOA_R
ClientSampled :
BEZD8

Tgt Ion: 43 Resp: 26646
Ion Ratio Lower Upper
43 100
58 24.8 38.2 57.2#
57 30.3 13.8 20.6#
100 6.3 6.2 9.2



#63
1,4-Dichlorobenzene
Concen: 0.088 ug/L
RT: 13.24 min Scan# 1900
Delta R.T. -0.01 min
Lab File: VR026538.D
Acq: 10 Apr 2019 4:22

Tgt Ion: 146 Resp: 3870
Ion Ratio Lower Upper
146 100
111 42.1 30.5 56.7
148 46.0 45.0 83.6

