

Data File : VR026521.D
Acq On : 9 Apr 2019 18:15
Operator : SY/MD
Sample : K2285-05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEZC3

Quant Time: Apr 10 05:45:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 05:42:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	629262	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	516837	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	153385	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	173184	3.62	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	2.63	69	162159	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	3.60	63	371262	3.00	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	6.59	46	177305	41.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.18%
24) Chloroform-d	7.20	84	359003	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
26) 1,2-Dichloroethane-d4	7.90	65	156348	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	7.85	84	656294	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
36) 1,2-Dichloropropane-d6	8.89	67	180755	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	9.97	98	601546	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	10.24	79	32075	2.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.60%
46) 2-Hexanone-d5	10.59	63	139602	45.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.76%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66980	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	120304	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

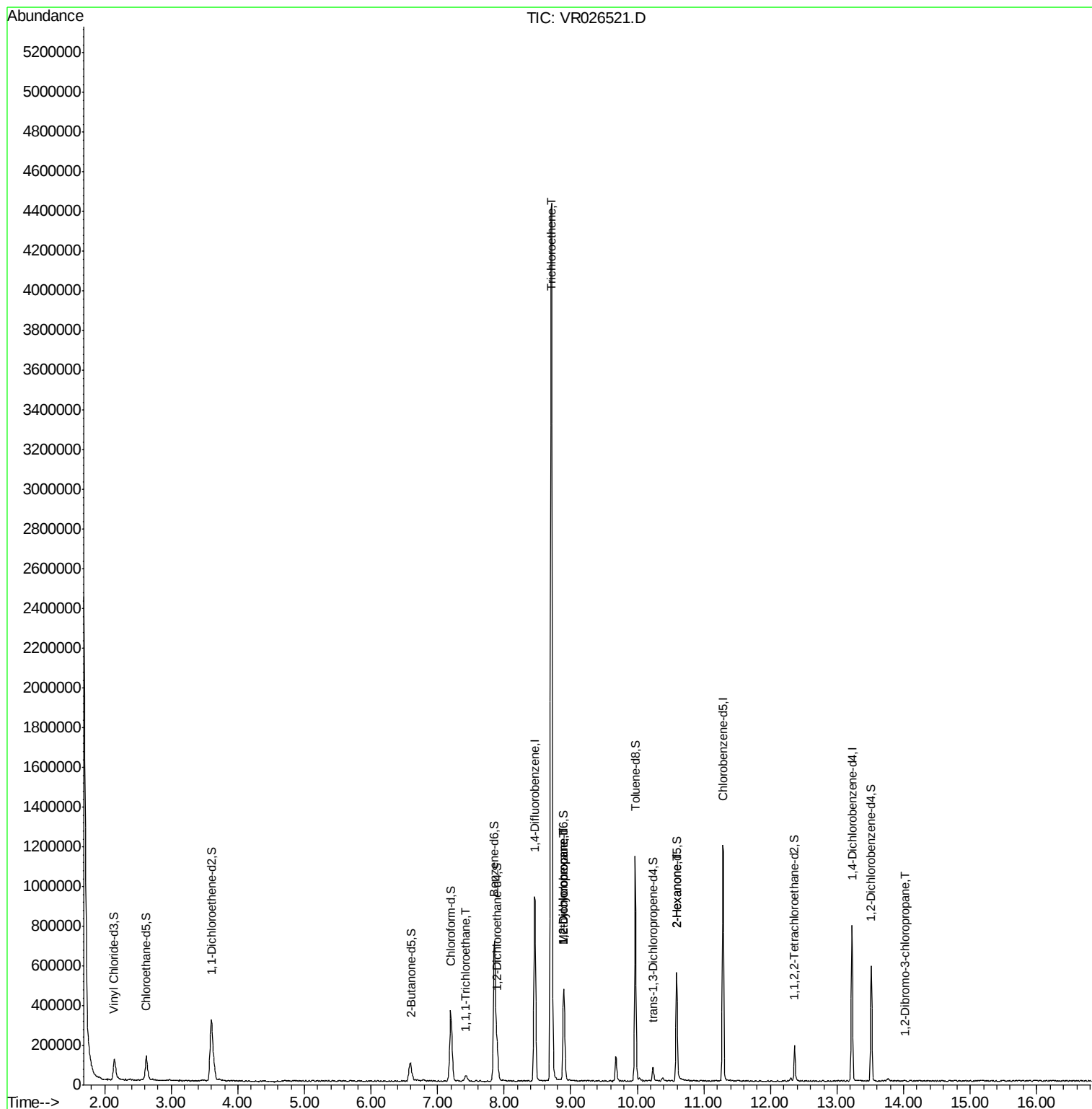
					Qvalue
29) 1,1,1-Trichloroethane	7.42	97	21783	0.255	ug/L 94
34) Trichloroethene	8.71	95	1403309	25.938	ug/L 93
35) Methylcyclohexane	8.90	83	45473	0.589	ug/L # 14
37) 1,2-Dichloropropane	8.89	63	24965	0.564	ug/L # 92
48) 2-Hexanone	10.59	43	23850	2.765	ug/L # 72
66) 1,2-Dibromo-3-chloropropan	14.03	75	550	0.351	ug/L 93

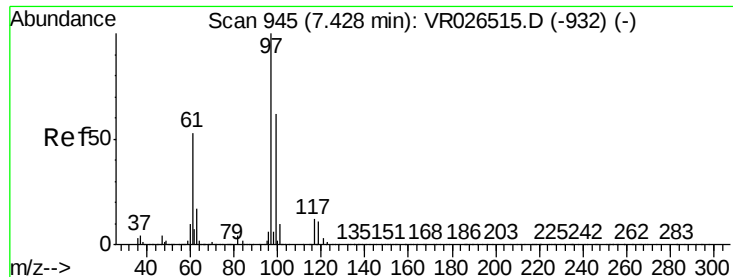
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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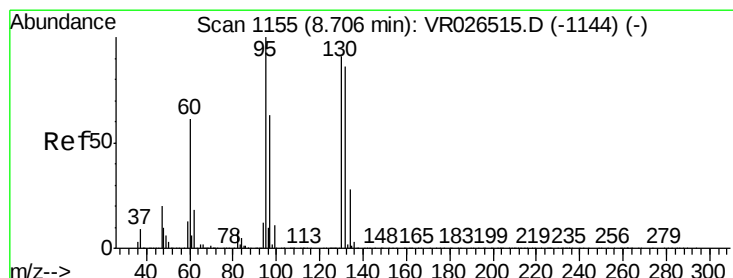
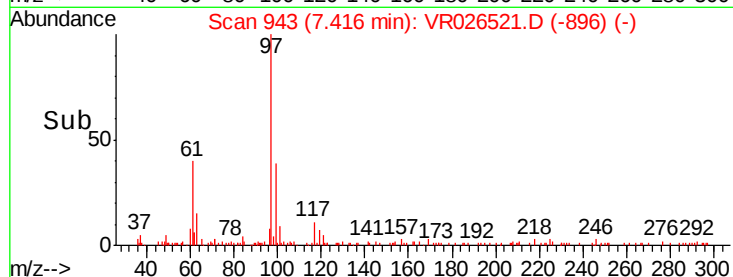
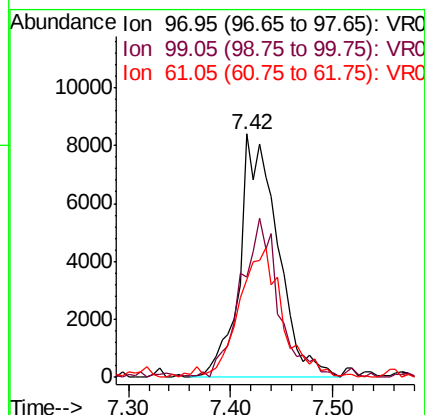
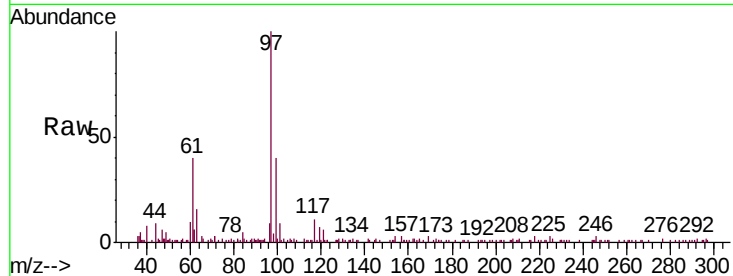




#29
 1,1,1-Trichloroethane
 Concen: 0.255 ug/L
 RT: 7.42 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: VR026521.D
 Acq: 9 Apr 2019 18:15

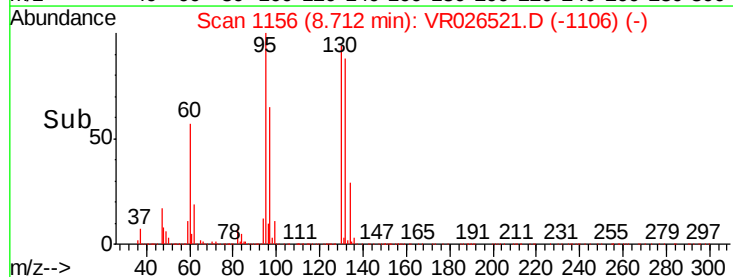
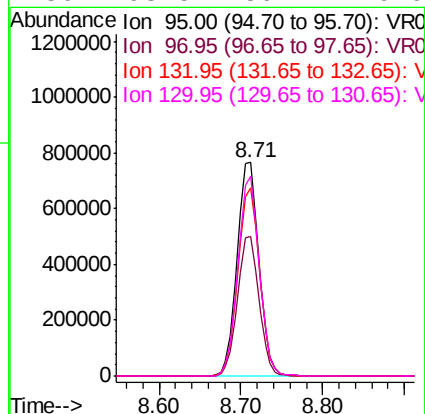
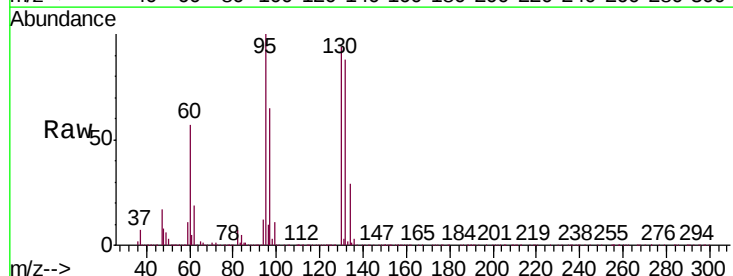
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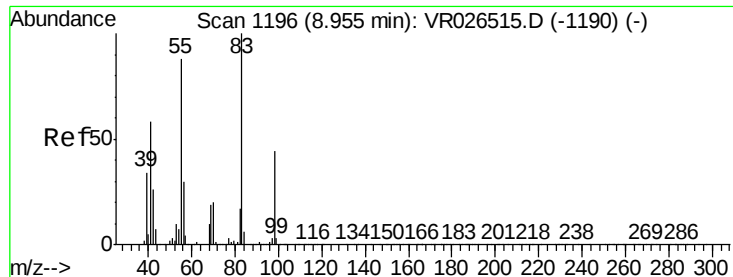
Tgt Ion: 97 Resp: 21783
 Ion Ratio Lower Upper
 97 100
 99 65.8 49.6 74.4
 61 58.1 41.8 62.6



#34
 Trichloroethene
 Concen: 25.938 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: VR026521.D
 Acq: 9 Apr 2019 18:15

Tgt Ion: 95 Resp: 1403309
 Ion Ratio Lower Upper
 95 100
 97 65.3 43.8 81.3
 132 88.2 57.2 106.2
 130 93.5 59.7 110.9

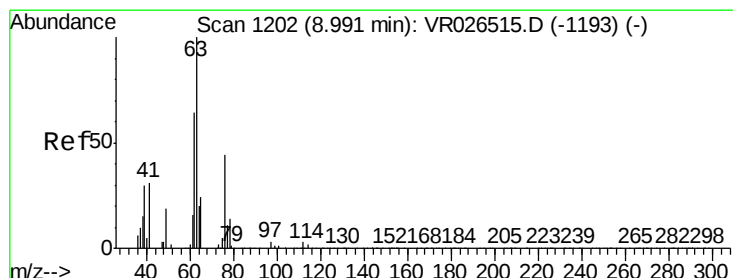
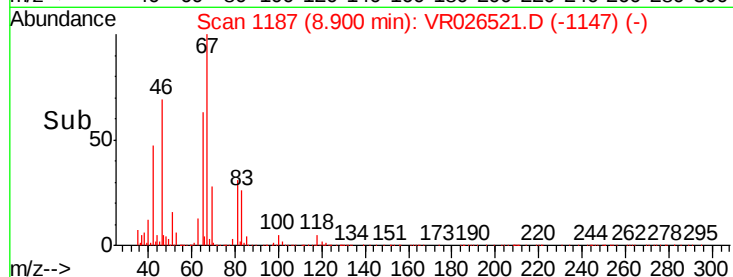
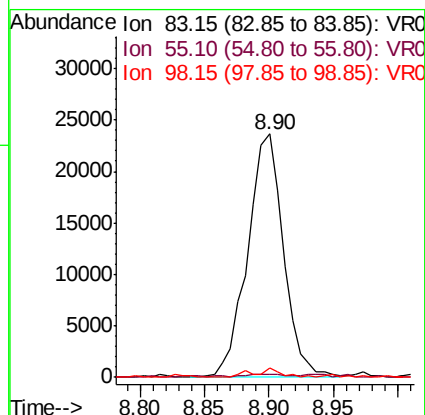
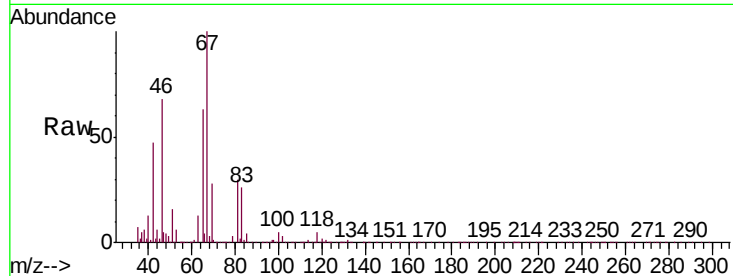




#35
Methylcyclohexane
Concen: 0.589 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026521.D
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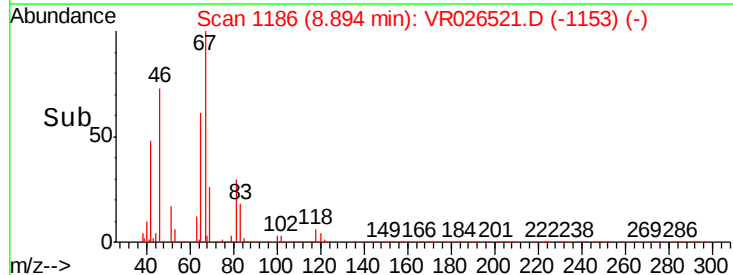
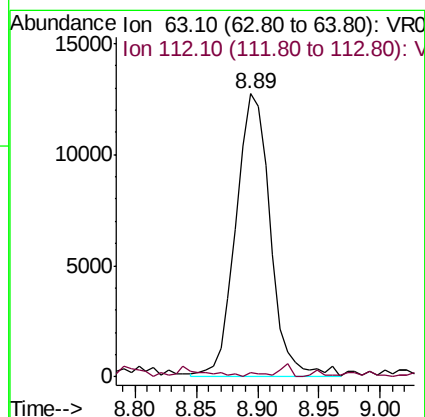
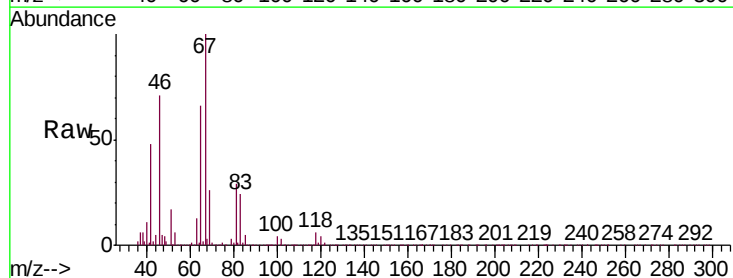
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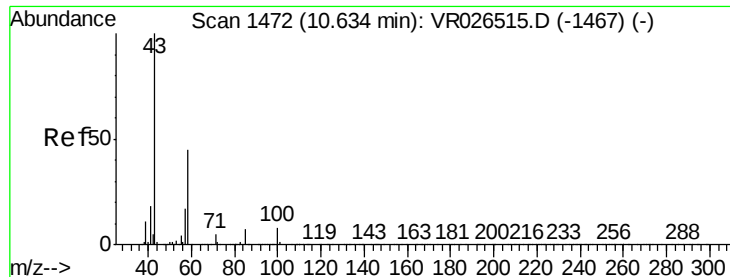
Tgt Ion: 83 Resp: 45473
Ion Ratio Lower Upper
83 100
55 1.2 73.8 110.6#
98 0.0 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026521.D
Acq: 9 Apr 2019 18:15

Tgt Ion: 63 Resp: 24965
Ion Ratio Lower Upper
63 100
112 0.8 2.8 4.2#

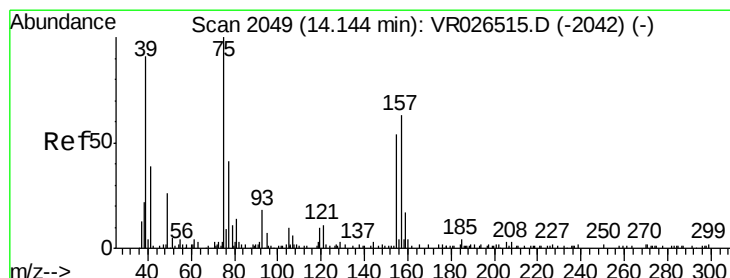
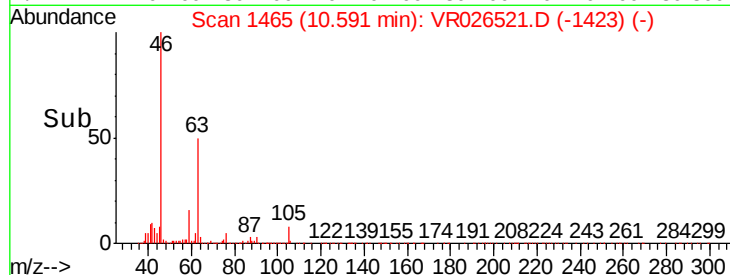
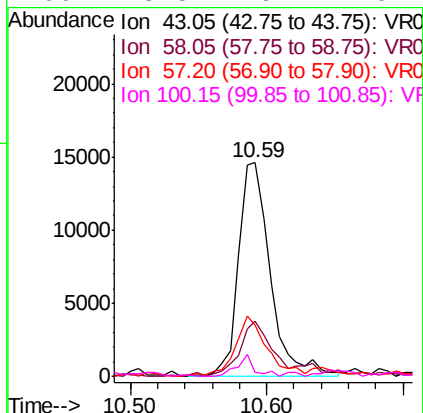
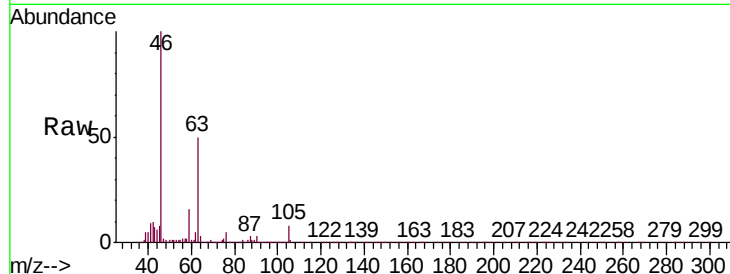




#48
2-Hexanone
Concen: 2.765 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
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Tgt Ion: 43 Resp: 23850
Ion Ratio Lower Upper
43 100
58 26.2 38.2 57.2#
57 28.1 13.8 20.6#
100 5.5 6.2 9.2#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.351 ug/L
RT: 14.03 min Scan# 2030
Delta R.T. -0.12 min
Lab File: VR026521.D
Acq: 9 Apr 2019 18:15

Tgt Ion: 75 Resp: 550
Ion Ratio Lower Upper
75 100
155 46.2 36.1 54.1
157 69.6 62.4 93.6

