

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR040619\
 Data File : VR026483.D
 Acq On : 6 Apr 2019 19:48
 Operator : SY/MD
 Sample : K2282-06
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZ03

Quant Time: Apr 06 23:37:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 06 23:34:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	494638	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	414079	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	113971	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	149223	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	2.63	69	135931	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	3.60	63	306440	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	6.58	46	166808	49.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.56%
24) Chloroform-d	7.20	84	319415	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	7.89	65	142309	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	7.85	84	569902	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	8.90	67	160227	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	9.97	98	485793	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	10.23	79	29692	3.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.40%
46) 2-Hexanone-d5	10.59	63	134406	55.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.26%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	60160	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	94904	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

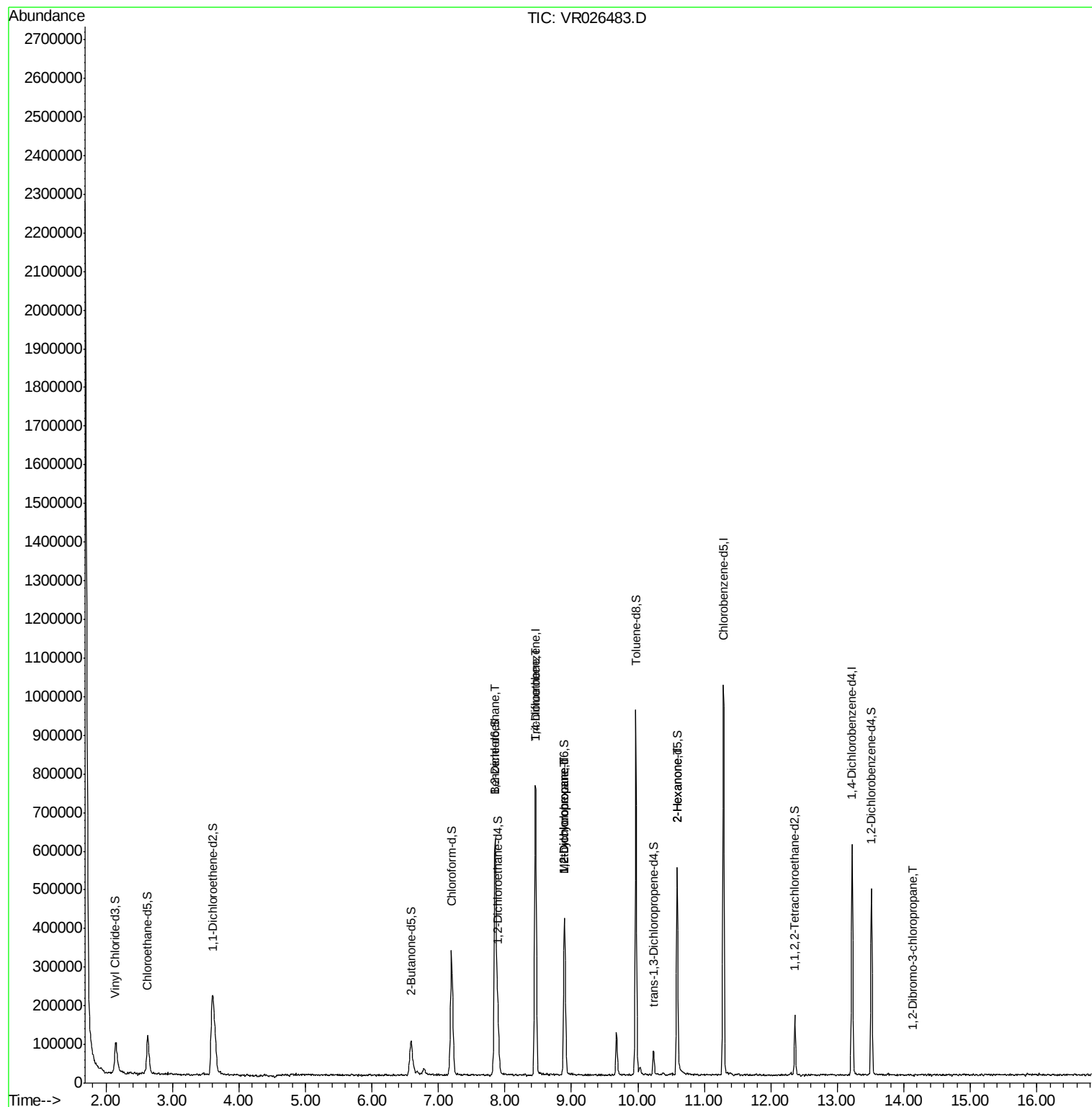
					Qvalue
27) 1,2-Dichloroethane	7.85	62	5258	0.143 ug/L	99
34) Trichloroethene	8.46	95	17449	0.403 ug/L #	11
35) Methylcyclohexane	8.89	83	35875	0.580 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	19836	0.559 ug/L	99
48) 2-Hexanone	10.59	43	23305	3.372 ug/L #	74
66) 1,2-Dibromo-3-chloropropan	14.13	75	222	0.191 ug/L #	32

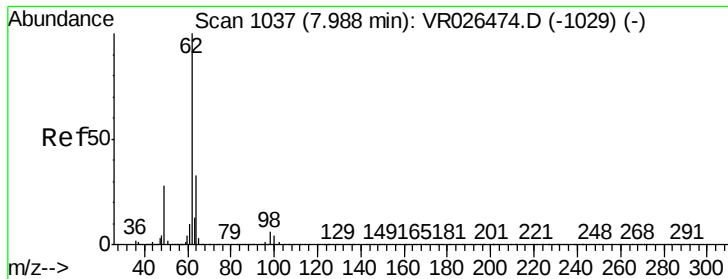
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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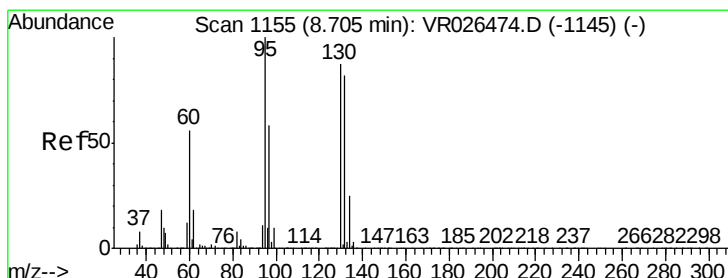
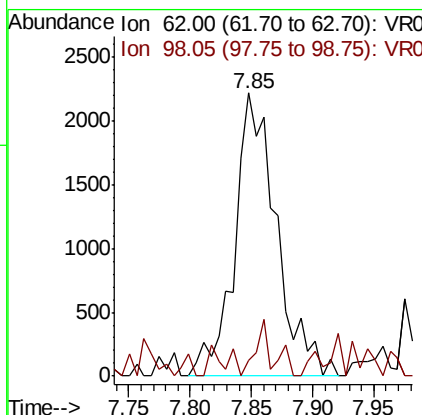
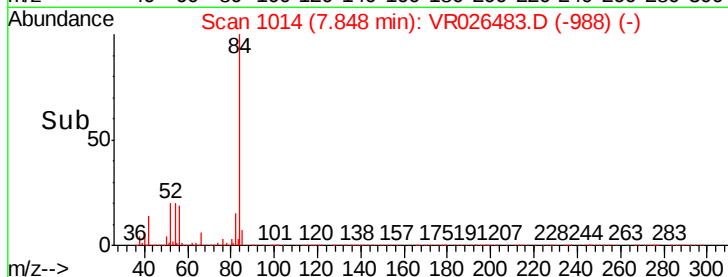
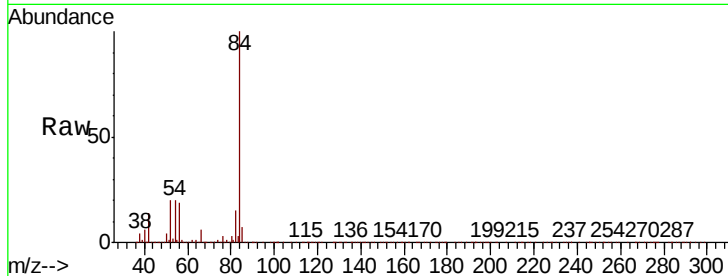




#27
1,2-Dichloroethane
Concen: 0.143 ug/L
RT: 7.85 min Scan# 1014
Delta R.T. -0.14 min
Lab File: VR026483.D
Acq: 6 Apr 2019 19:48

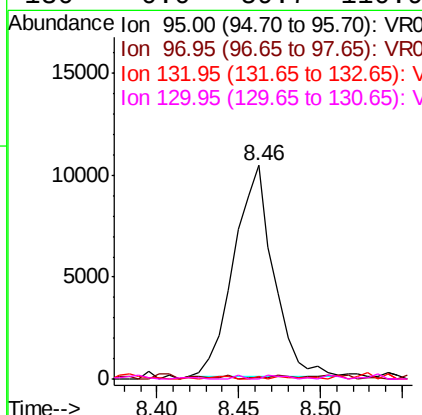
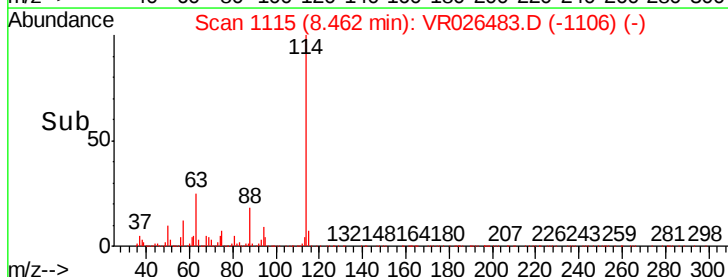
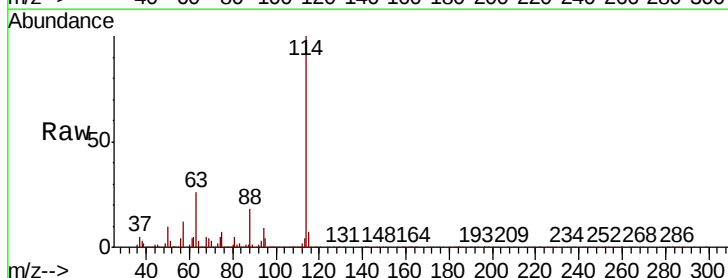
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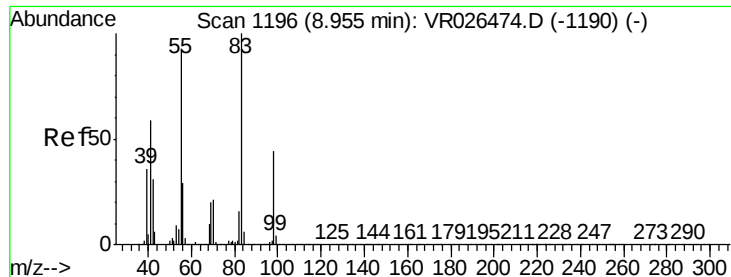
Tgt Ion: 62 Resp: 5258
Ion Ratio Lower Upper
62 100
98 5.6 4.8 7.2



#34
Trichloroethene
Concen: 0.403 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.24 min
Lab File: VR026483.D
Acq: 6 Apr 2019 19:48

Tgt Ion: 95 Resp: 17449
Ion Ratio Lower Upper
95 100
97 0.6 43.8 81.3#
132 1.3 57.2 106.2#
130 0.0 59.7 110.9#

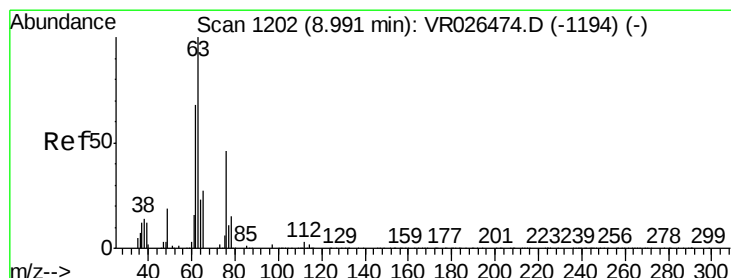
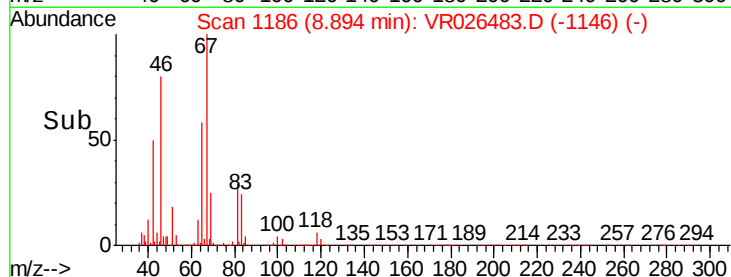
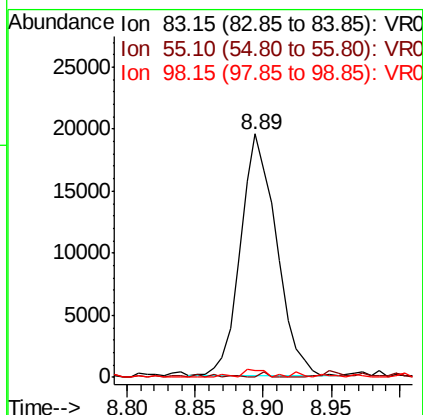
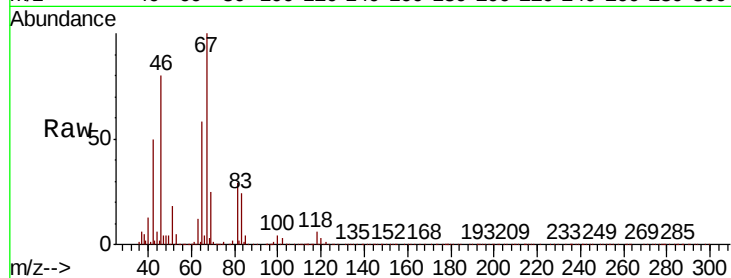




#35
Methylcyclohexane
Concen: 0.580 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.05 min
Lab File: VR026483.D
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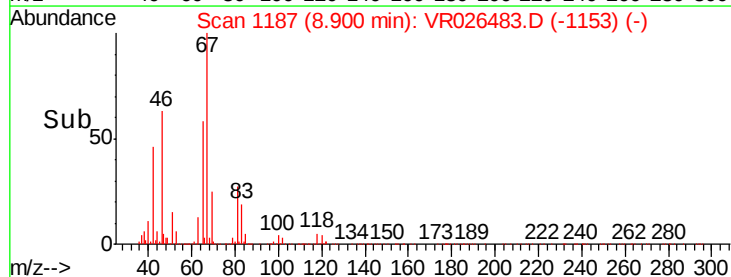
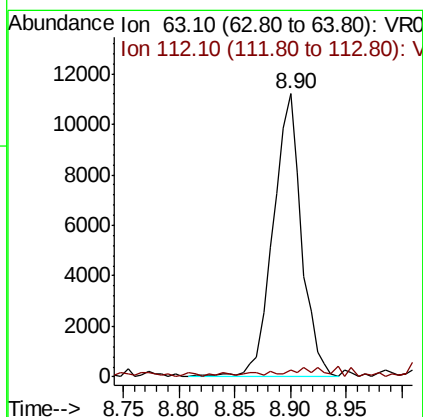
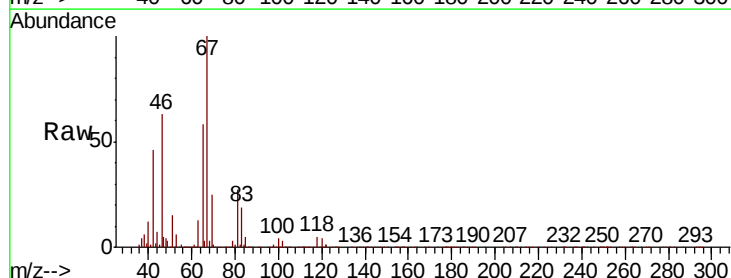
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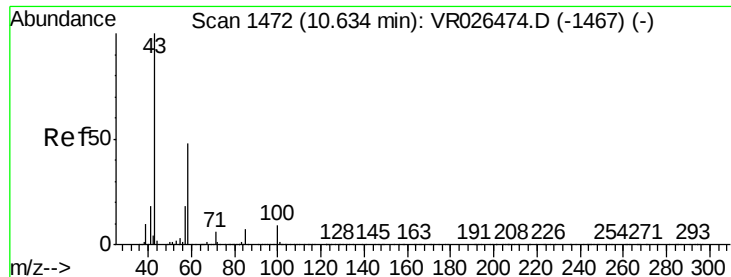
Tgt Ion: 83 Resp: 35875
Ion Ratio Lower Upper
83 100
55 0.7 73.8 110.6#
98 2.7 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026483.D
Acq: 6 Apr 2019 19:48

Tgt Ion: 63 Resp: 19836
Ion Ratio Lower Upper
63 100
112 4.0 2.8 4.2

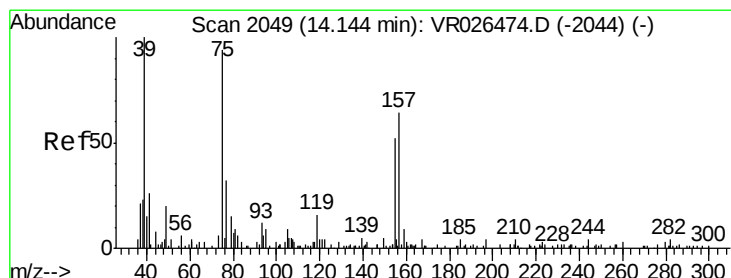
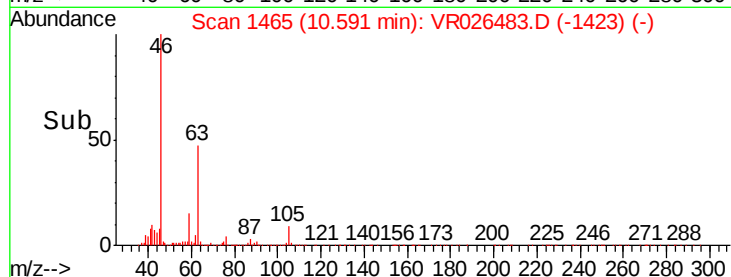
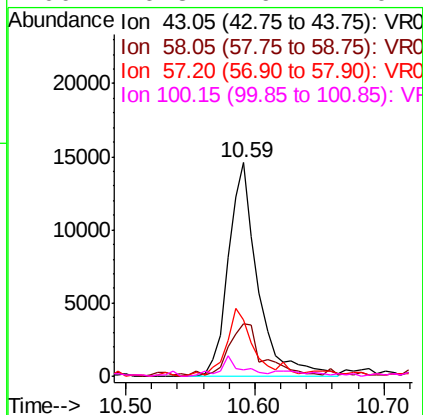
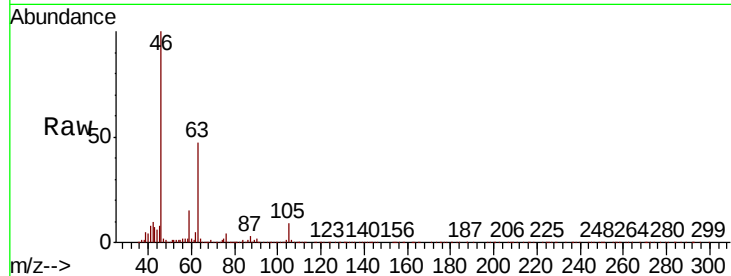




#48
2-Hexanone
Concen: 3.372 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026483.D
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Tgt Ion:	43	Resp:	23305
Ion	Ratio	Lower	Upper
43	100		
58	28.3	38.2	57.2#
57	29.7	13.8	20.6#
100	6.8	6.2	9.2



#66
1,2-Dibromo-3-chloropropane
Concen: 0.191 ug/L
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: VR026483.D
Acq: 6 Apr 2019 19:48

Tgt Ion:	75	Resp:	222
Ion	Ratio	Lower	Upper
75	100		
155	65.5	36.1	54.1#
157	0.0	62.4	93.6#

