

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\
 Data File : VR026547.D
 Acq On : 10 Apr 2019 9:09
 Operator : SY/MD
 Sample : K2289-09
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZG7

Quant Time: Apr 11 03:09:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 11 03:05:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	503999	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	417239	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	118827	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	174415	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	2.63	69	155892	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	3.60	63	355370	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	6.59	46	171536	50.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.48%
24) Chloroform-d	7.20	84	353782	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	7.89	65	153271	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	7.85	84	634561	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	8.89	67	173879	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	9.97	98	583411	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	10.24	79	34107	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	10.59	63	139485	56.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.56%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65818	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	115944	6.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	128.80%#

Target Compounds

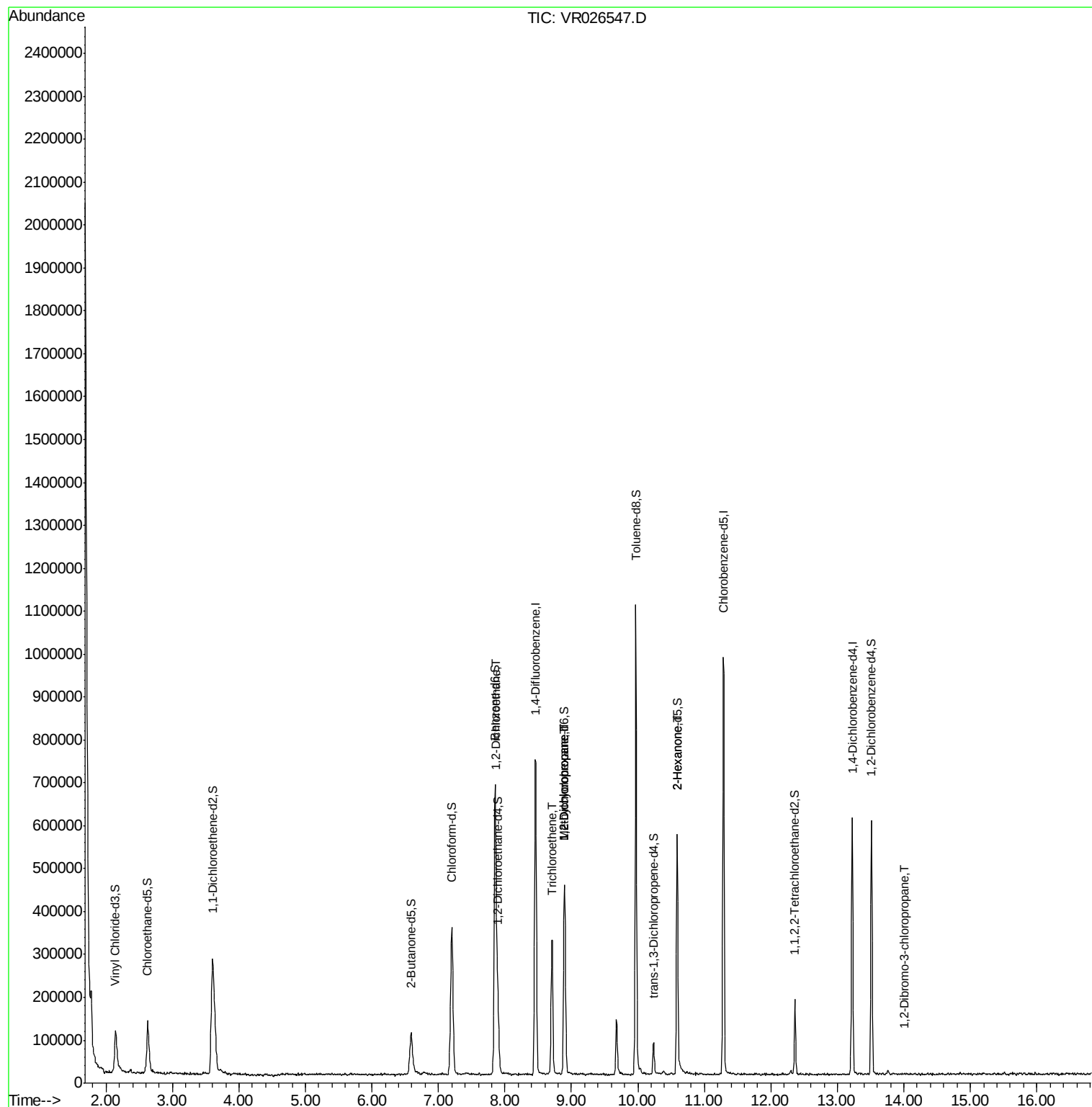
					Ovalue
27) 1,2-Dichloroethane	7.87	62	5393	0.144 ug/L	97
34) Trichloroethene	8.71	95	102423	2.345 ug/L	93
35) Methylcyclohexane	8.90	83	41748	0.670 ug/L #	14
37) 1,2-Dichloropropane	8.89	63	24006	0.672 ug/L #	92
48) 2-Hexanone	10.59	43	24213	3.477 ug/L #	80
66) 1,2-Dibromo-3-chloropropan	14.00	75	188	0.155 ug/L	93

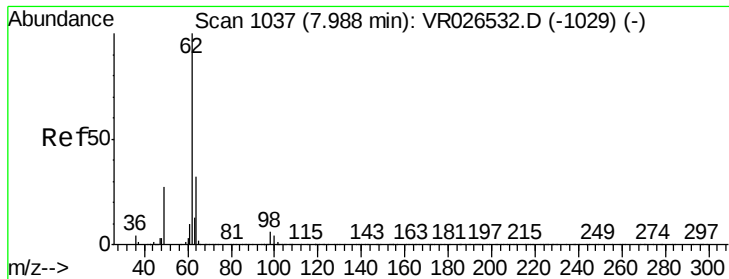
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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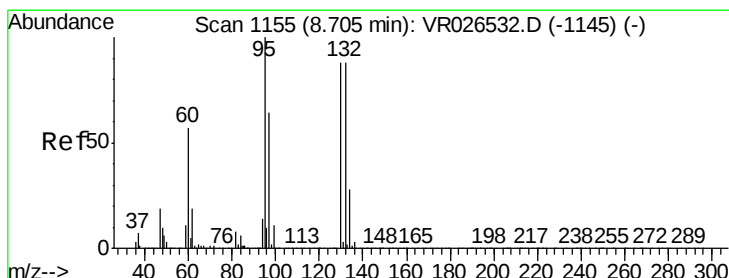
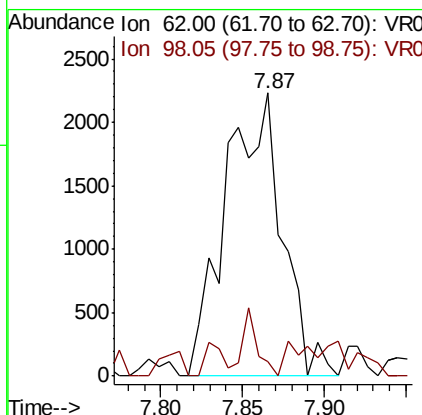
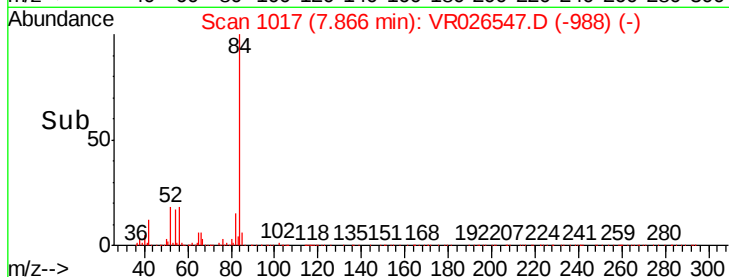
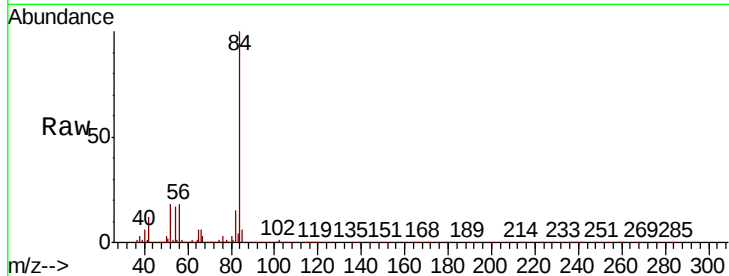




#27
 1,2-Dichloroethane
 Concen: 0.144 ug/L
 RT: 7.87 min Scan# 1017
 Delta R.T. -0.12 min
 Lab File: VR026547.D
 Acq: 10 Apr 2019 9:09

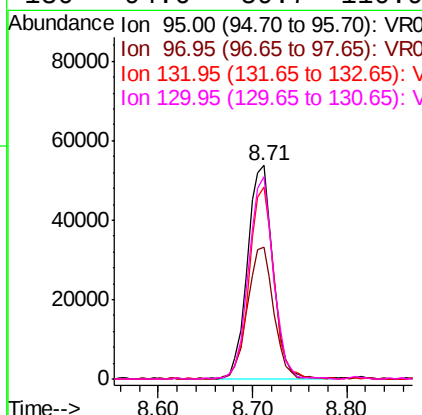
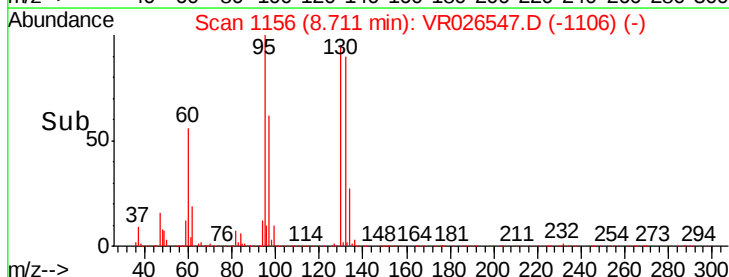
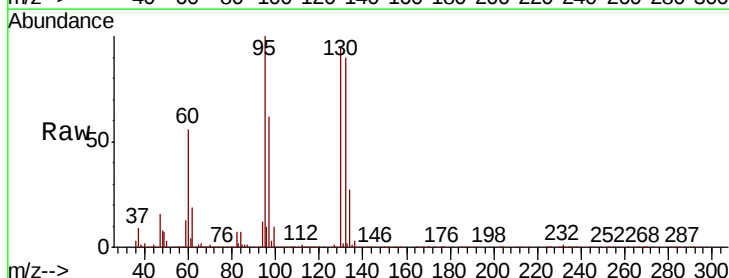
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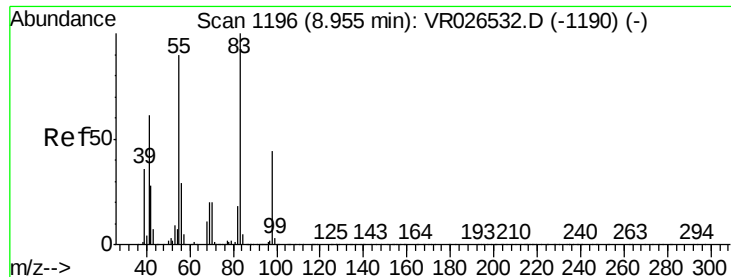
Tot Ion: 62 Resp: 5393
 Ion Ratio Lower Upper
 62 100
 98 5.1 4.8 7.2



#34
 Trichloroethene
 Concen: 2.345 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: VR026547.D
 Acq: 10 Apr 2019 9:09

Tgt Ion: 95 Resp: 102423
 Ion Ratio Lower Upper
 95 100
 97 61.9 43.8 81.3
 132 90.0 57.2 106.2
 130 94.6 59.7 110.9

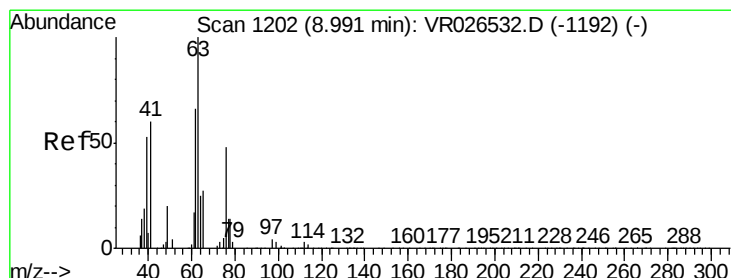
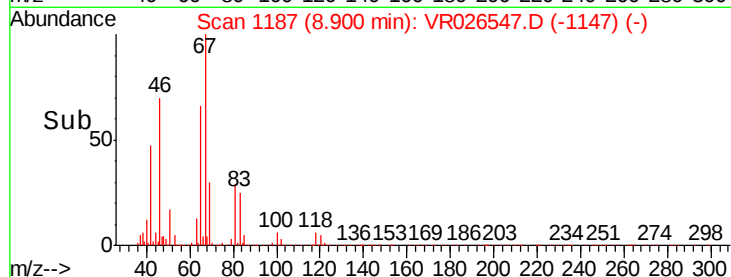
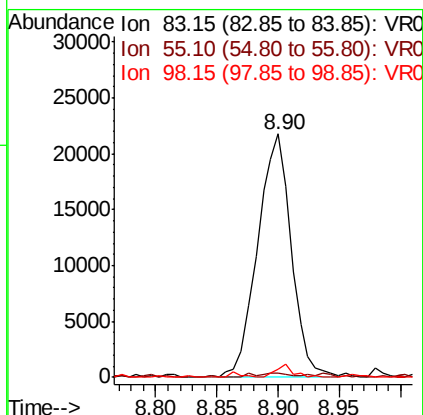
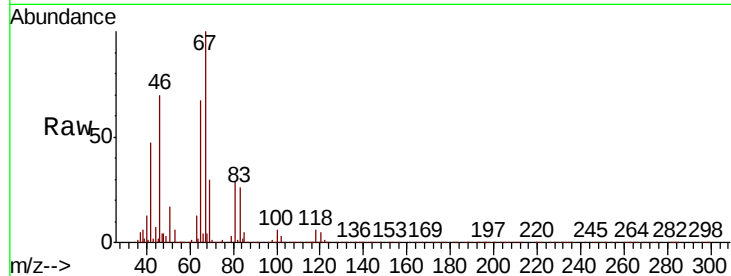




#35
Methvlcvclohexane
Concen: 0.670 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026547.D
Acq: 10 Apr 2019 9:09

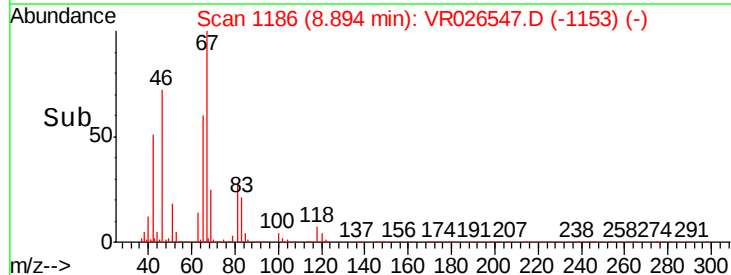
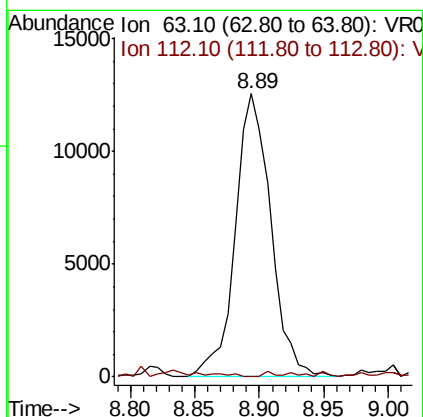
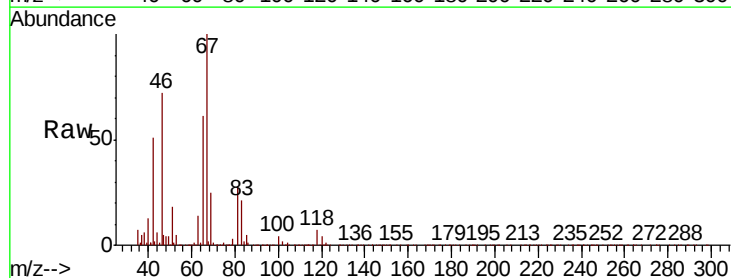
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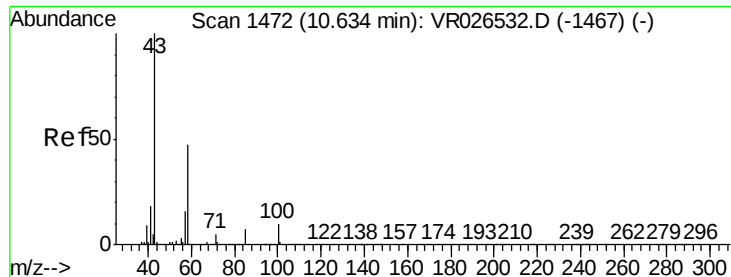
Tot Ion	83	Resp	41748
Ion Ratio	Lower	Upper	
83	100		
55	0.0	73.8	110.6#
98	2.9	34.6	51.8#



#37
1,2-Dichloropropane
Concen: 0.672 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026547.D
Acq: 10 Apr 2019 9:09

Tgt Ion	63	Resp	24006
Ion Ratio	Lower	Upper	
63	100		
112	0.7	2.8	4.2#

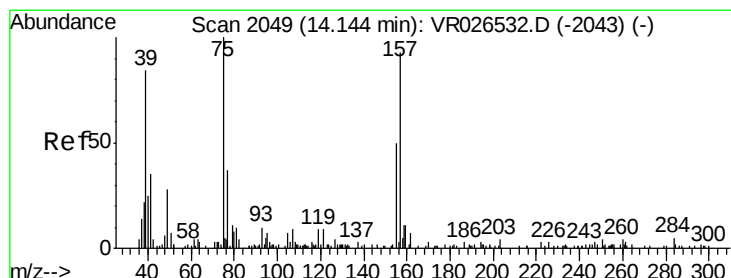
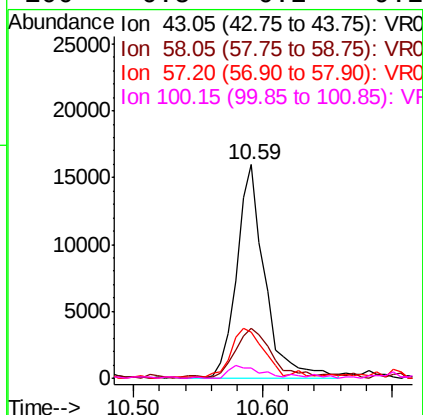
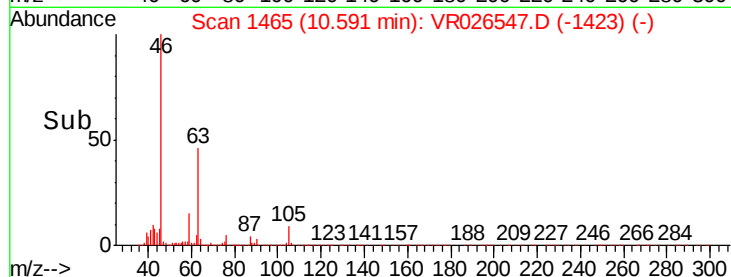
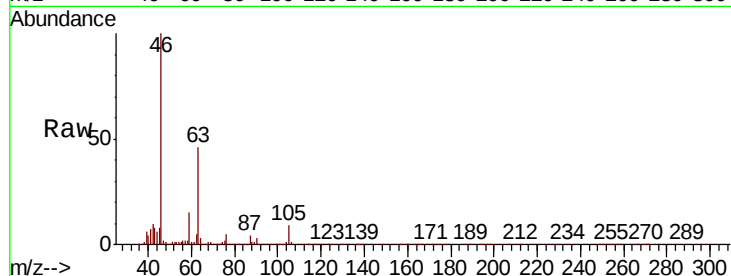




#48
2-Hexanone
Concen: 3.477 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026547.D
Acq: 10 Apr 2019 9:09

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Tot Ion: 43 Resp: 24213
Ion Ratio Lower Upper
43 100
58 32.3 38.2 57.2#
57 26.0 13.8 20.6#
100 6.5 6.2 9.2



#66
1,2-Dibromo-3-chloropropane
Concen: 0.155 ug/L
RT: 14.00 min Scan# 2026
Delta R.T. -0.14 min
Lab File: VR026547.D
Acq: 10 Apr 2019 9:09

Tgt Ion: 75 Resp: 188
Ion Ratio Lower Upper
75 100
155 37.6 36.1 54.1
157 81.7 62.4 93.6

