

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR041119\
 Data File : VR026578.D
 Acq On : 11 Apr 2019 20:49
 Operator : SY/MD
 Sample : K2289-21
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Quant Time: Apr 12 02:11:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR041119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 12 02:06:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	587388	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	477498	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	130675	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	179238	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	2.62	69	166052	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	3.60	63	375810	3.04	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	6.58	46	172557	41.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.40%
24) Chloroform-d	7.20	84	370338	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	7.89	65	156697	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
32) Benzene-d6	7.85	84	649224	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	8.89	67	173753	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	9.97	98	583775	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	10.23	79	34238	3.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.60%
46) 2-Hexanone-d5	10.59	63	136869	43.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63231	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	111389	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

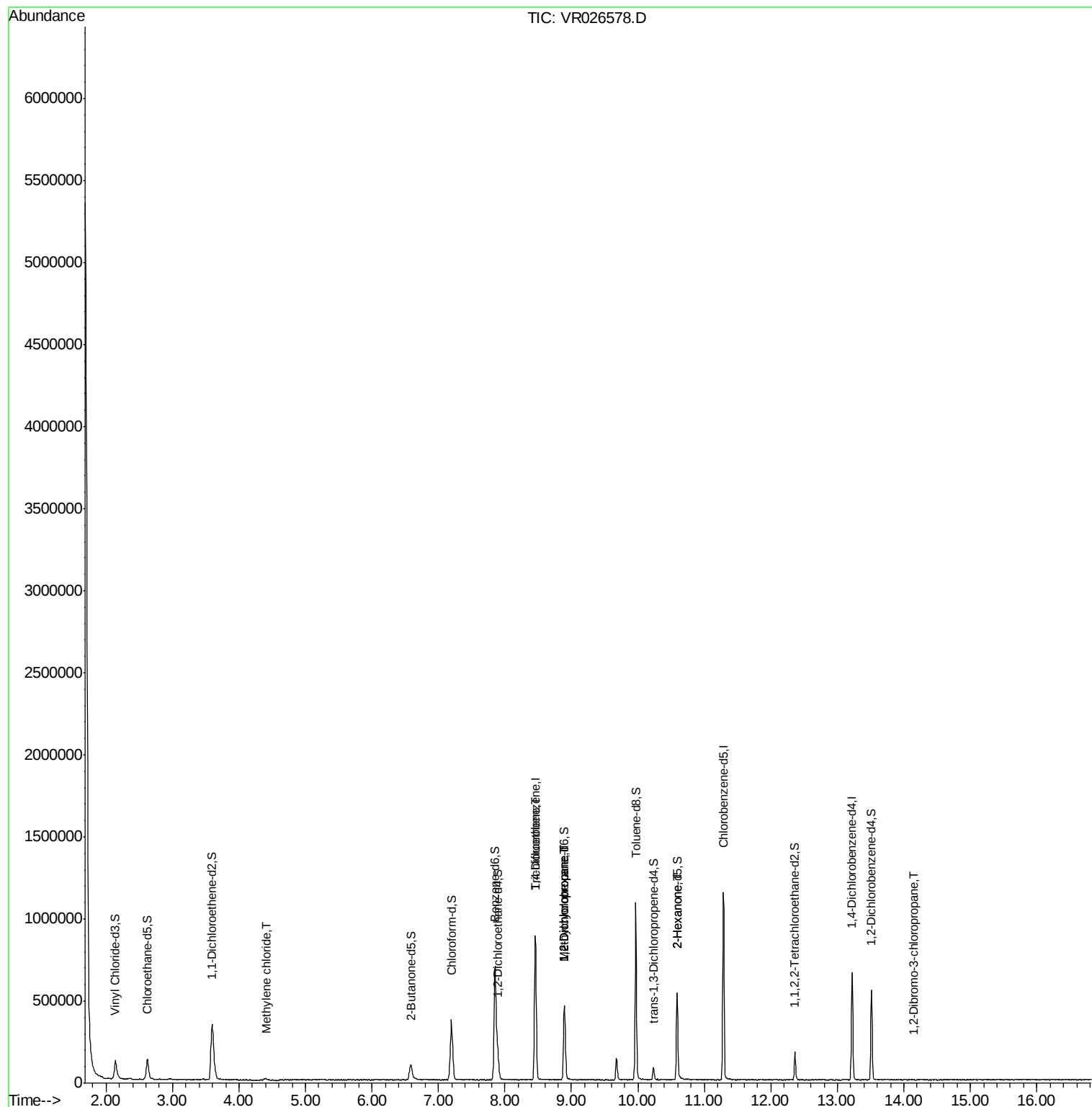
					Ovalue
16) Methylene chloride	4.40	84	7472	0.151 ug/L #	88
34) Trichloroethene	8.46	95	22493	0.459 ug/L #	13
35) Methylcyclohexane	8.89	83	43837	0.651 ug/L #	16
37) 1,2-Dichloropropane	8.89	63	24125	0.610 ug/L #	91
48) 2-Hexanone	10.59	43	23950	2.880 ug/L #	71
66) 1,2-Dibromo-3-chloropropan	14.15	75	285	0.213 ug/L #	40

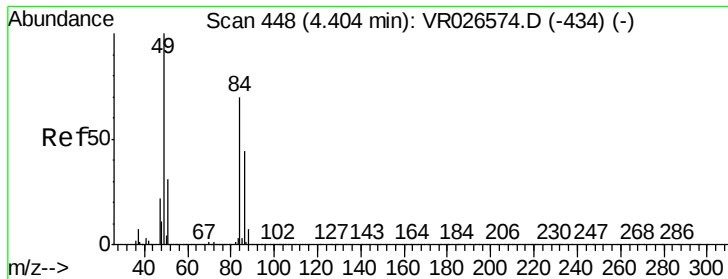
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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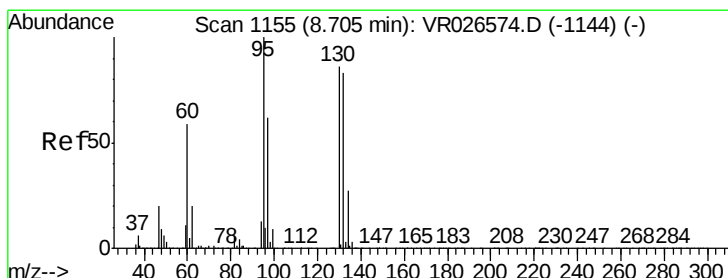
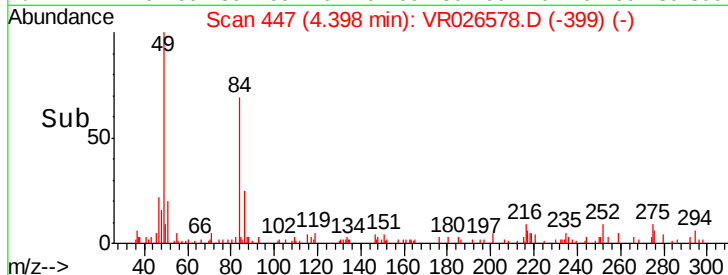
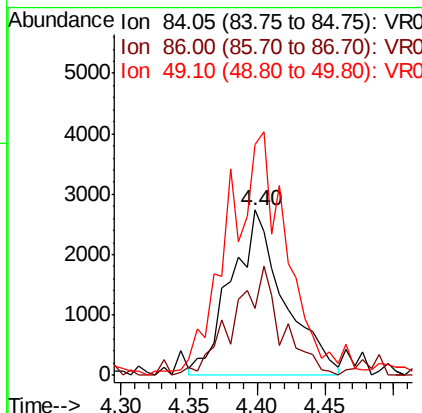
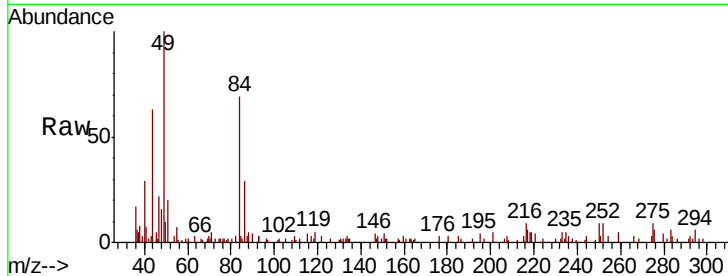




#16
Methvlene chloride
Concen: 0.151 ug/L
RT: 4.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: VR026578.D
Acq: 11 Apr 2019 20:49

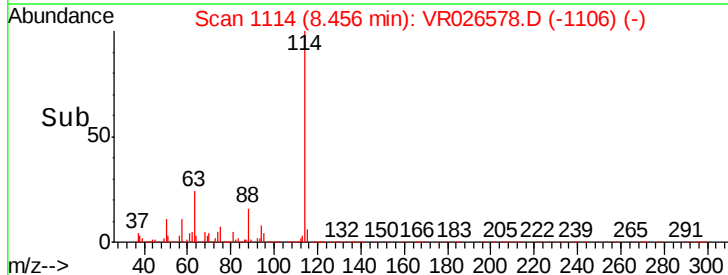
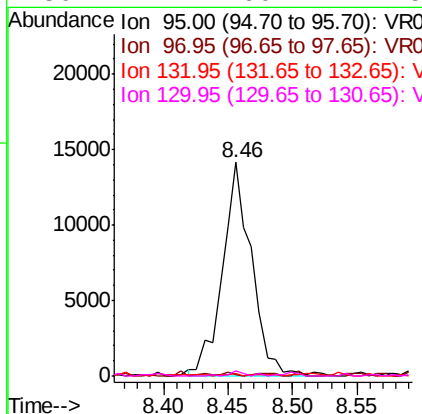
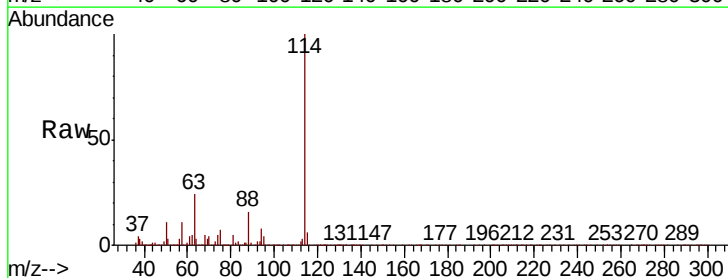
Instrument :
MSVOA_R
ClientSampled :
VHBLK01

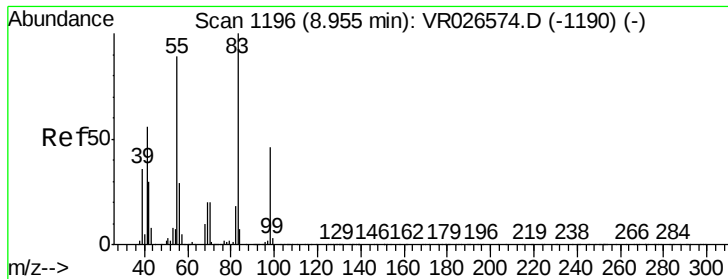
Tot Ion: 84 Resp: 7472
Ion Ratio Lower Upper
84 100
86 40.4 45.1 83.7#
49 140.1 95.2 176.8



#34
Trichloroethene
Concen: 0.459 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.25 min
Lab File: VR026578.D
Acq: 11 Apr 2019 20:49

Tgt Ion: 95 Resp: 22493
Ion Ratio Lower Upper
95 100
97 0.5 39.1 72.7#
132 1.1 57.6 107.0#
130 2.4 60.1 111.5#

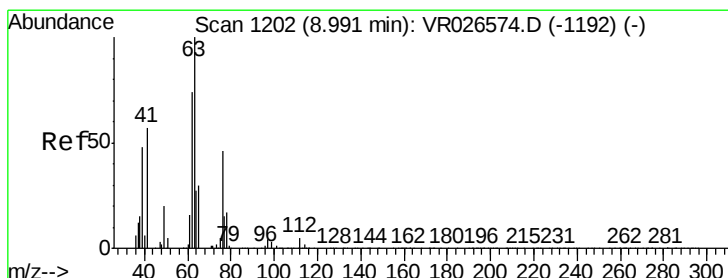
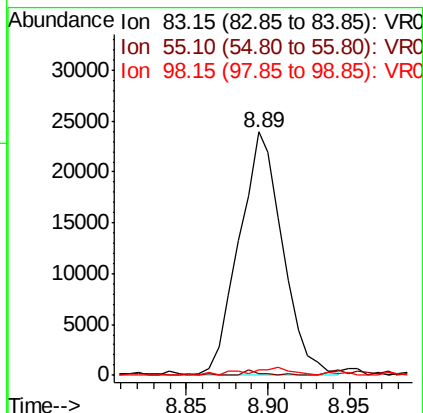
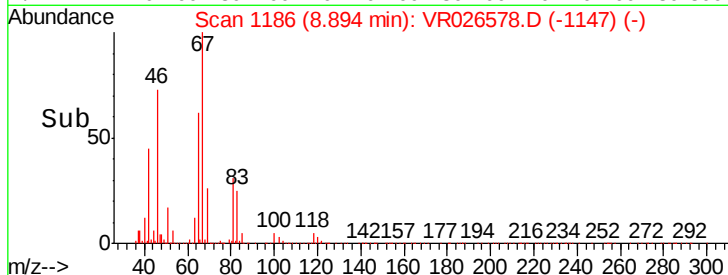
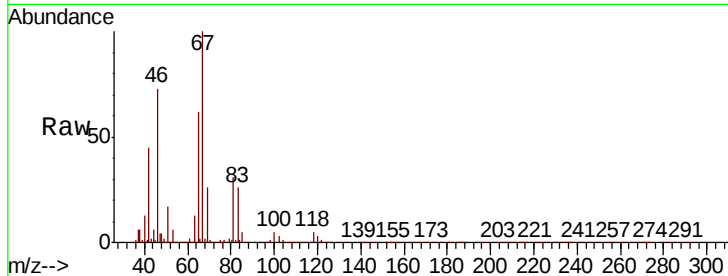




#35
Methvlcvclohexane
Concen: 0.651 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026578.D
Acq: 11 Apr 2019 20:49

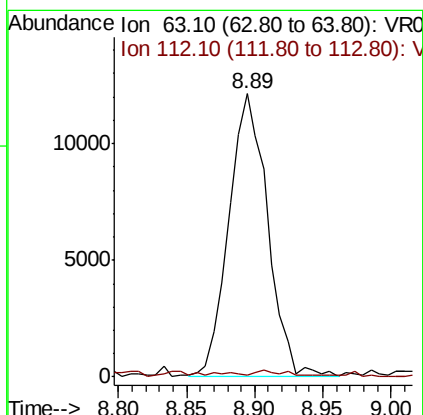
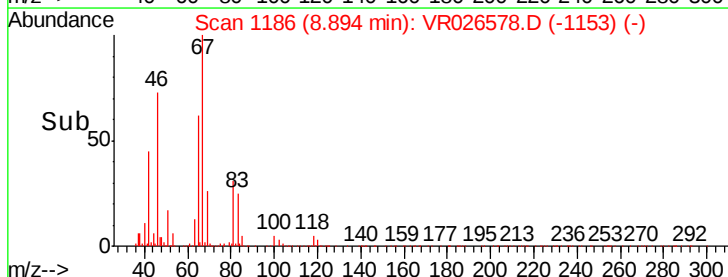
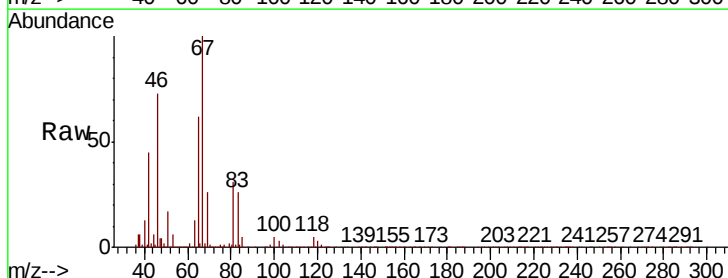
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ClientSampleId :
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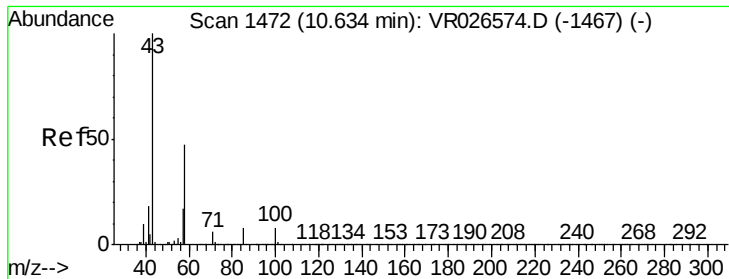
Tot Ion: 83 Resp: 43837
Ion Ratio Lower Upper
83 100
55 0.9 70.7 106.1#
98 3.6 36.0 54.0#



#37
1,2-Dichloropropane
Concen: 0.610 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026578.D
Acq: 11 Apr 2019 20:49

Tgt Ion: 63 Resp: 24125
Ion Ratio Lower Upper
63 100
112 0.7 3.0 4.4#

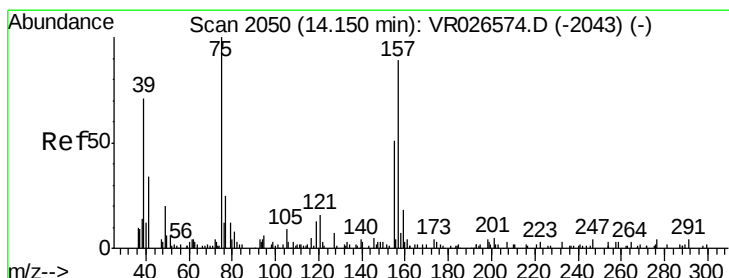
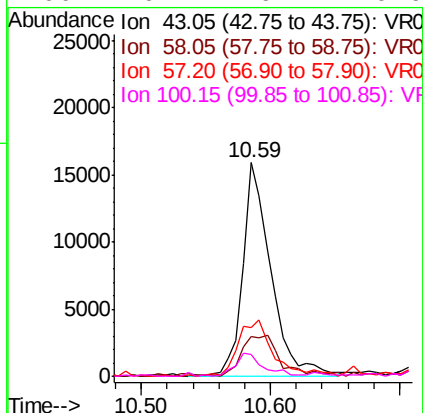
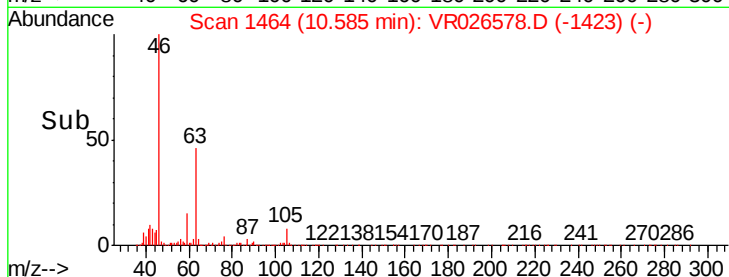
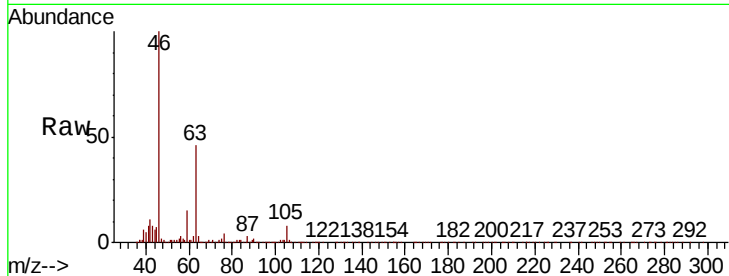




#48
2-Hexanone
Concen: 2.880 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026578.D
Acq: 11 Apr 2019 20:49

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Tot Ion: 43 Resp: 23950
Ion Ratio Lower Upper
43 100
58 26.5 37.2 55.8#
57 32.8 13.4 20.0#
100 10.7 6.4 9.6#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.213 ug/L
RT: 14.15 min Scan# 2050
Delta R.T. 0.00 min
Lab File: VR026578.D
Acq: 11 Apr 2019 20:49

Tgt Ion: 75 Resp: 285
Ion Ratio Lower Upper
75 100
155 0.0 57.2 85.8#
157 43.1 56.7 85.1#

