

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101618\
 Data File : VR026098.D
 Acq On : 16 Oct 2018 13:03
 Operator : SY/MD
 Sample : J5379-02DL 40X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 17 08:52:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 08:49:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	595353	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	501528	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	153703	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	234280	4.50	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	2.63	69	209050	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	3.60	63	428886	3.35	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	6.58	46	195404	45.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.36%
24) Chloroform-d	7.20	84	335212	4.05	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	7.89	65	143605	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	7.85	84	682019	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	8.89	67	190399	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	9.97	98	632830	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	10.24	79	40084	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	10.59	63	152174	48.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68783	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	111327	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

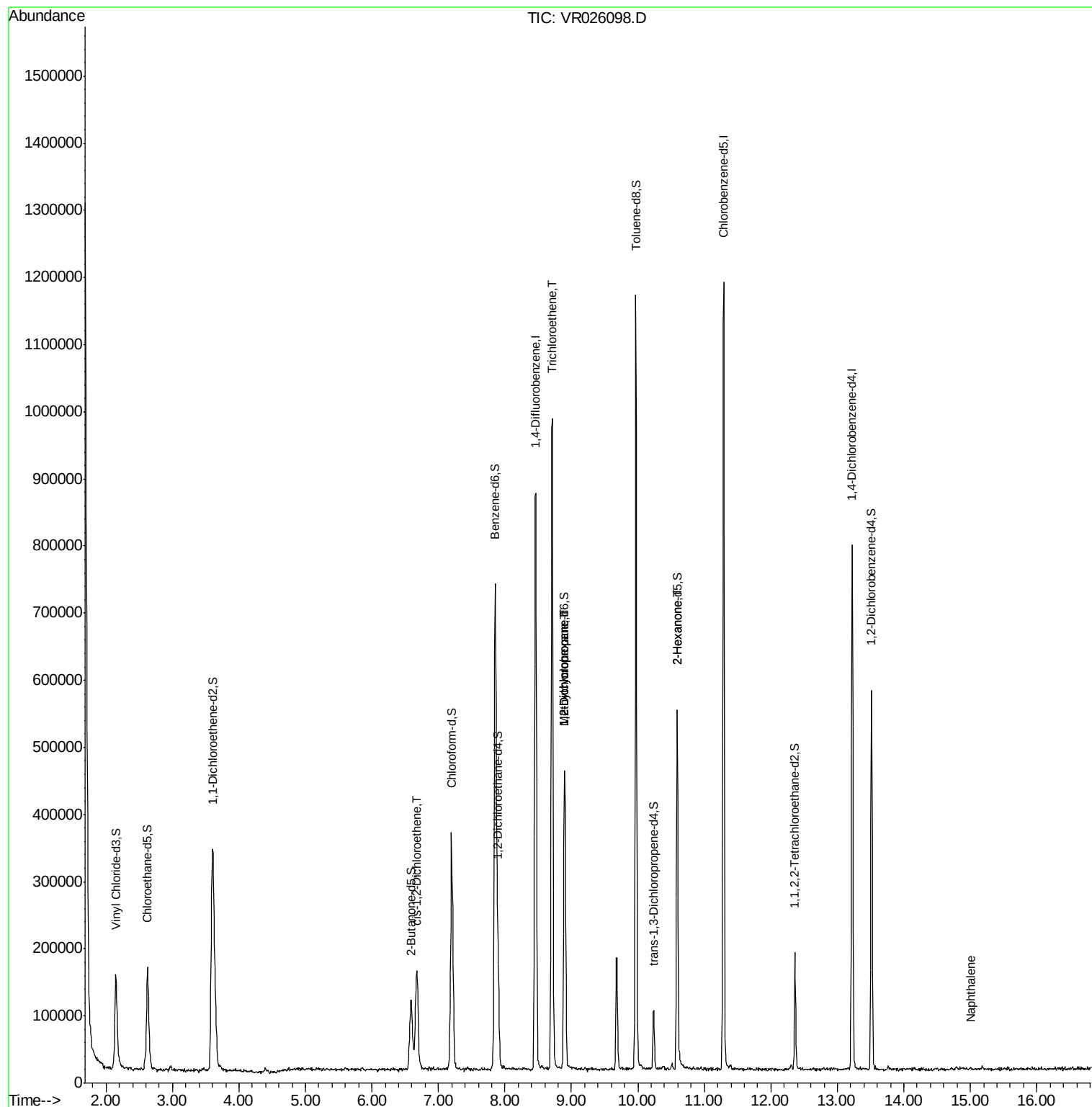
					Ovalue
22) cis-1,2-Dichloroethene	6.67	96	80636	1.947 ug/L #	85
34) Trichloroethene	8.71	95	319811	6.640 ug/L	94
35) Methylcyclohexane	8.90	83	44636	0.622 ug/L #	19
37) 1,2-Dichloropropane	8.89	63	23678	0.596 ug/L #	98
48) 2-Hexanone	10.59	43	23583	2.978 ug/L #	74
69) Naphthalene	15.01	128	1551	0.088 ug/L #	79

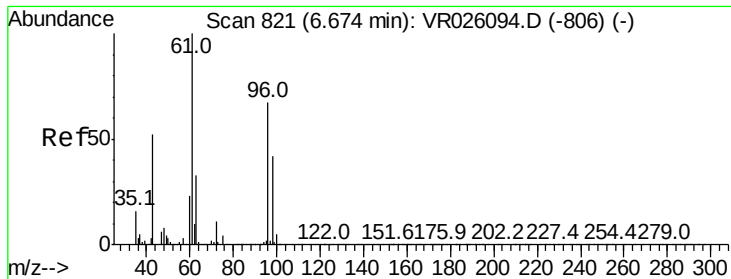
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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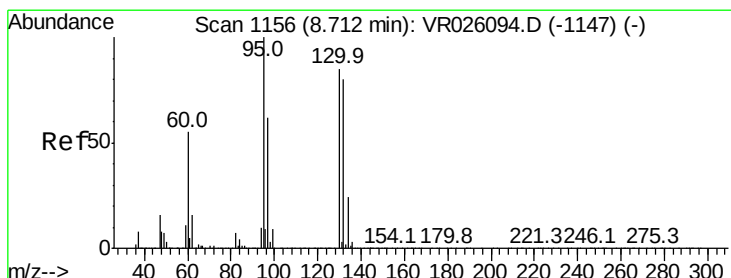
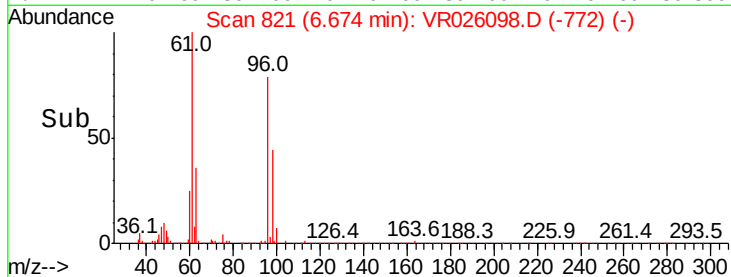
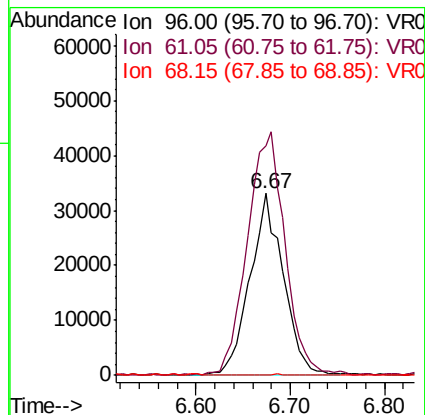
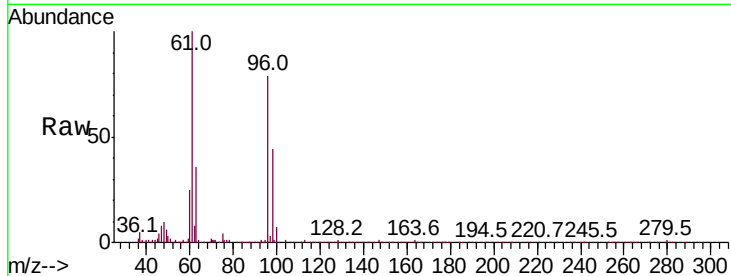


#22

cis-1,2-Dichloroethene
Concen: 1.947 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.00 min
Lab File: VR026098.D
Acq: 16 Oct 2018 13:03

Instrument :
MSVOA_R
ClientSampleId :

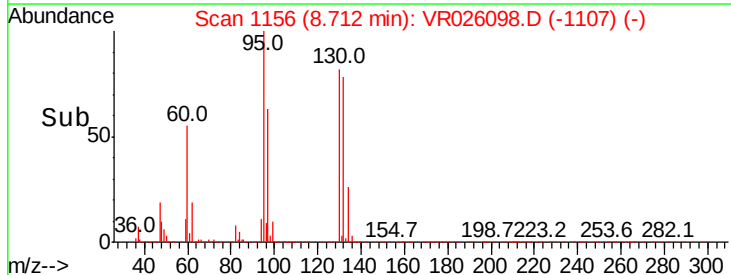
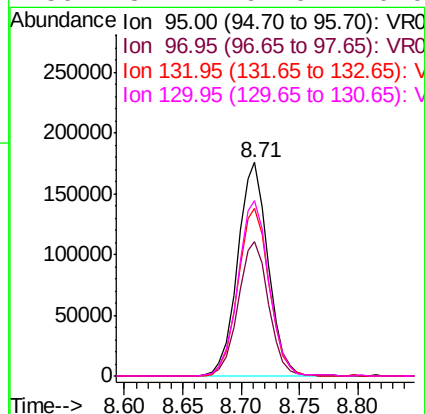
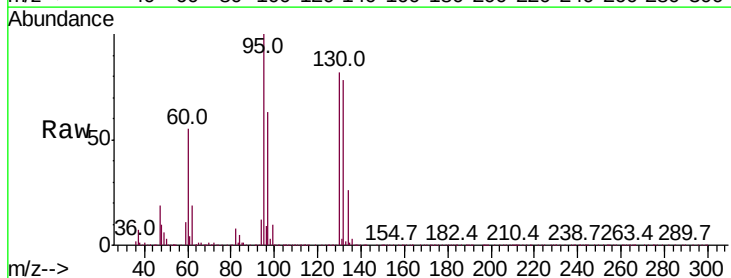
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.5	101.8	189.0
68	0.3	0.1	0.3#

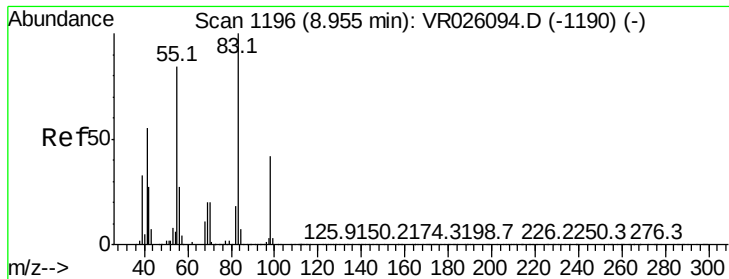


#34

Trichloroethene
Concen: 6.640 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VR026098.D
Acq: 16 Oct 2018 13:03

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.7	84.9
132	78.4	58.3	108.3
130	82.2	64.0	119.0

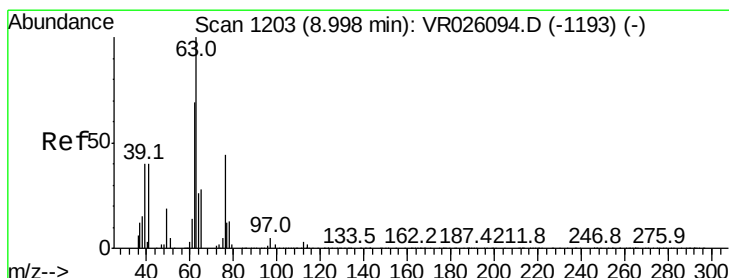
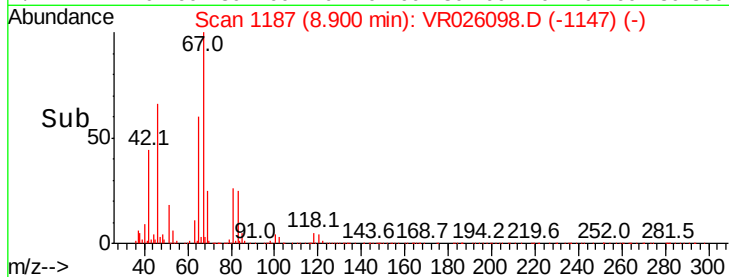
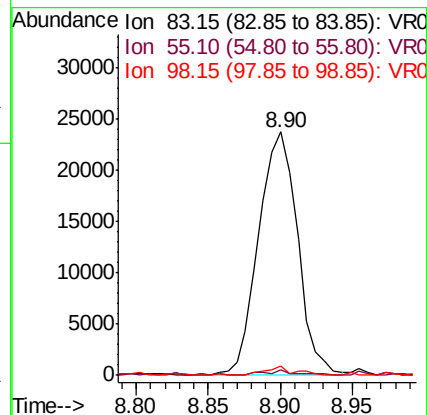
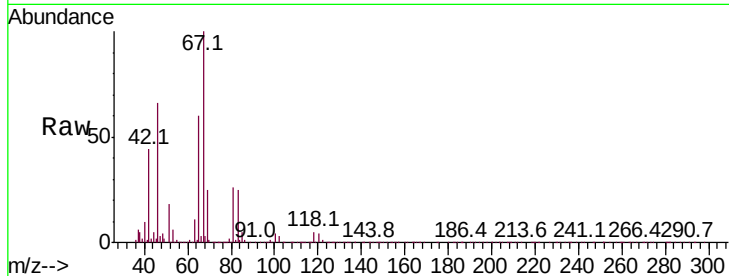




#35
Methylcyclohexane
Concen: 0.622 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026098.D
Acq: 16 Oct 2018 13:03

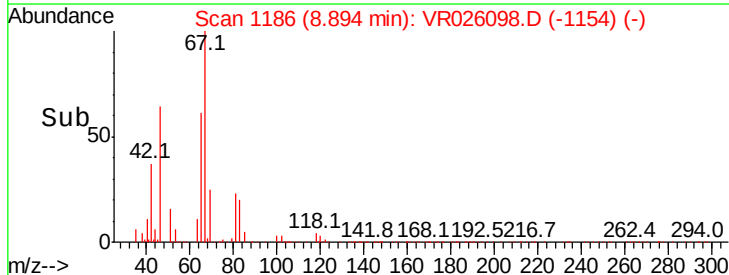
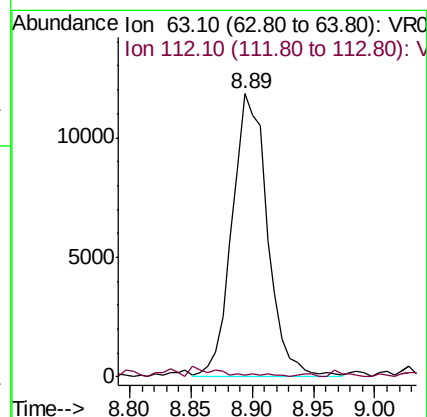
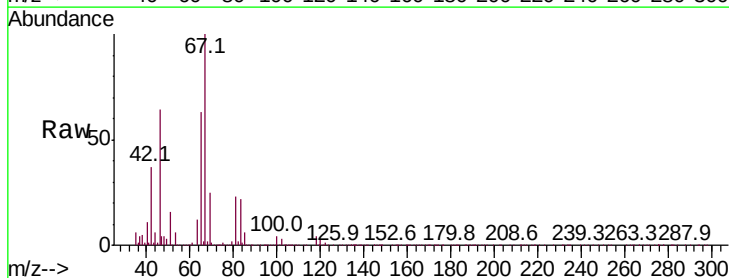
Instrument :
MSVOA_R
ClientSampled :

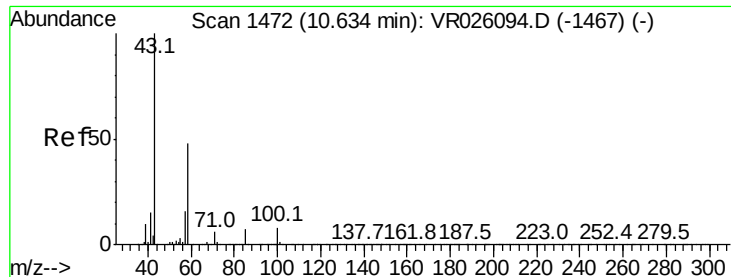
Tot Ion: 83 Resp: 44636
Ion Ratio Lower Upper
83 100
55 1.4 66.8 100.2#
98 2.9 35.2 52.8#



#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026098.D
Acq: 16 Oct 2018 13:03

Tgt Ion: 63 Resp: 23678
Ion Ratio Lower Upper
63 100
112 2.7 2.7 4.1#

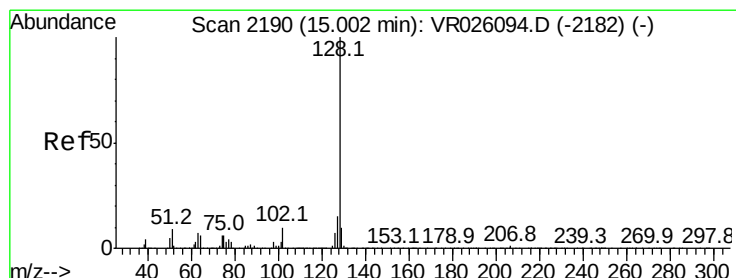
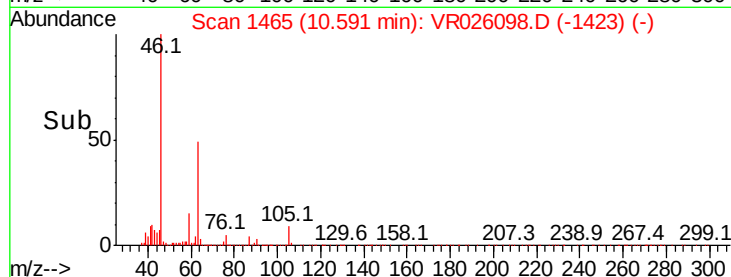
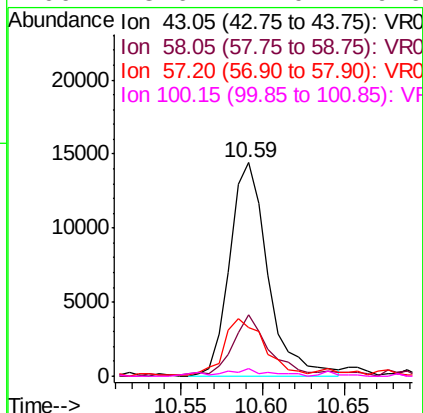
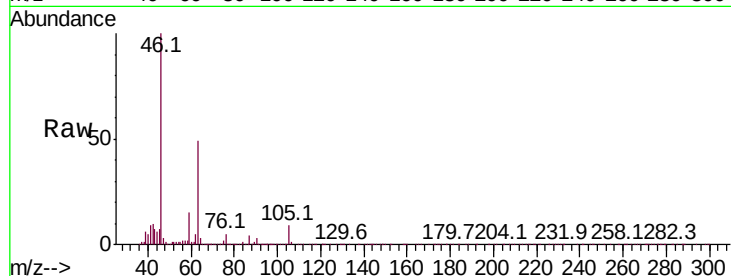




#48
2-Hexanone
Concen: 2.978 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026098.D
Acq: 16 Oct 2018 13:03

Instrument :
MSVOA_R
ClientSampled :

Tot Ion:	43	Resp:	23583
Ion	Ratio	Lower	Upper
43	100		
58	30.2	39.6	59.4#
57	28.8	14.0	21.0#
100	3.6	7.0	10.6#



#69
Naphthalene
Concen: 0.088 ug/L
RT: 15.01 min Scan# 2191
Delta R.T. 0.01 min
Lab File: VR026098.D
Acq: 16 Oct 2018 13:03

Tgt Ion:	128	Resp:	1551
Ion	Ratio	Lower	Upper
128	100		
127	8.5	11.0	16.6#
129	0.0	9.1	13.7#

