

Data File : VR026143.D
Acq On : 19 Oct 2018 11:02
Operator : SY/MD
Sample : VR1019WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK88

Quant Time: Oct 20 01:56:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 01:53:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	576395	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	465983	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	147272	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	256655	5.09	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	2.63	69	219026	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	3.60	63	458441	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	6.58	46	229807	55.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.98%
24) Chloroform-d	7.20	84	379413	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	7.90	65	159484	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	7.85	84	759023	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	8.89	67	204869	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	9.97	98	695339	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	10.23	79	43057	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	10.59	63	170740	58.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.62%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75146	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	127112	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

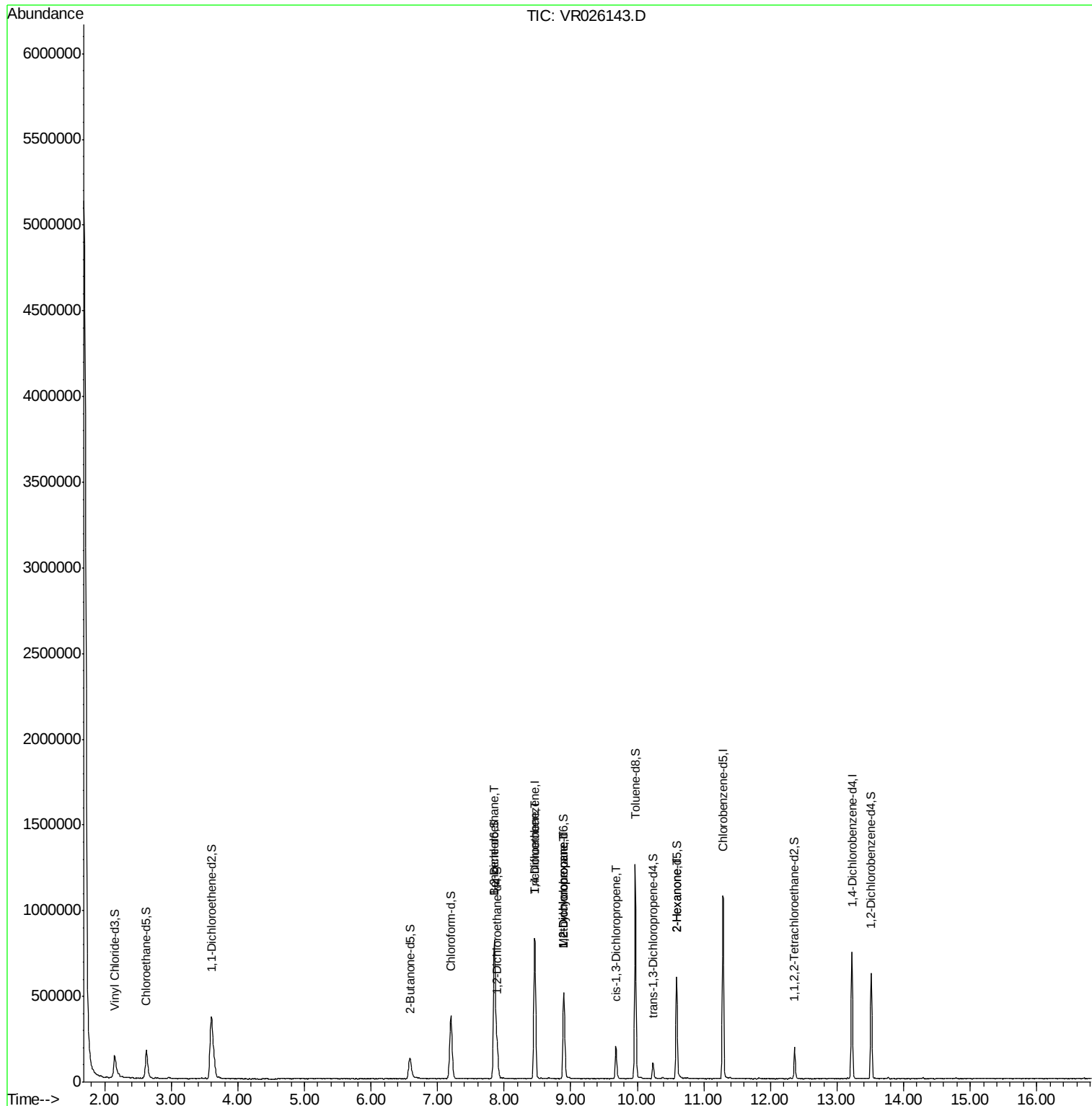
					Qvalue
27) 1,2-Dichloroethane	7.85	62	5480	0.144 ug/L	99
34) Trichloroethene	8.46	95	19999	0.447 ug/L #	10
35) Methylcyclohexane	8.89	83	47664	0.715 ug/L #	18
37) 1,2-Dichloropropane	8.89	63	26470	0.718 ug/L #	94
39) cis-1,3-Dichloropropene	9.68	75	5980	0.142 ug/L	86
48) 2-Hexanone	10.59	43	24494	3.329 ug/L #	70

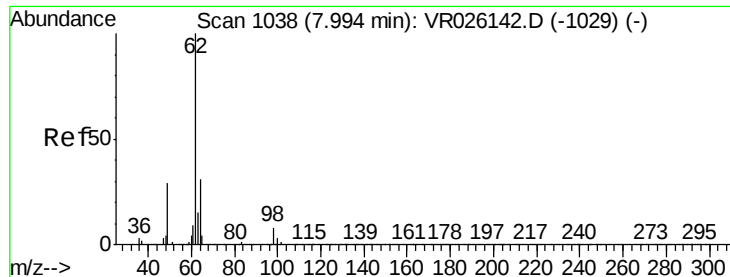
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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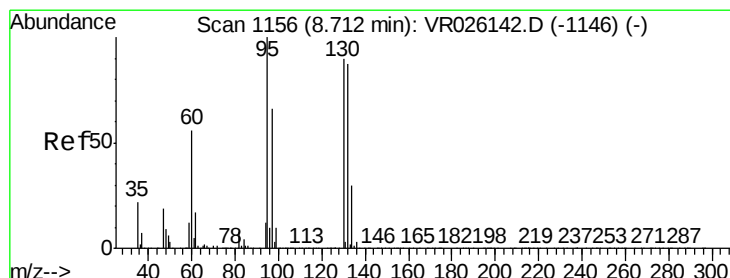
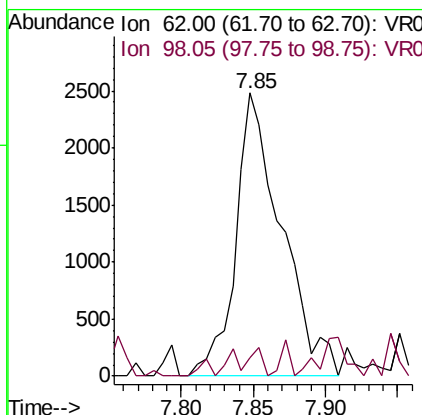
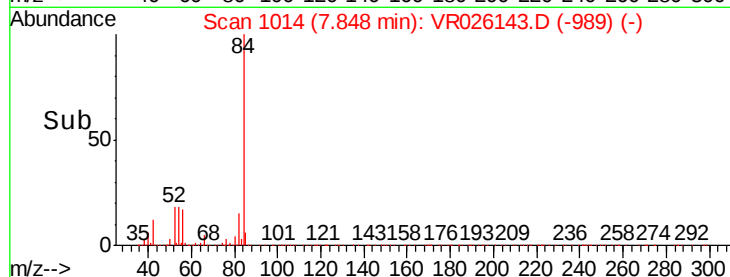
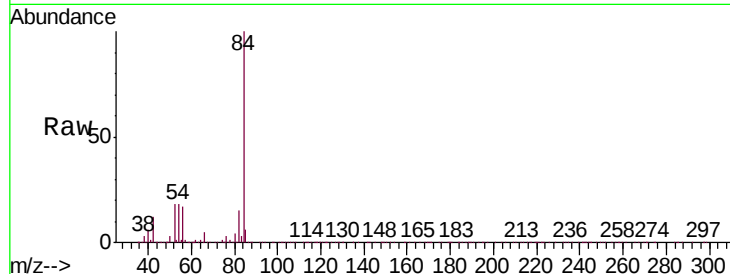




#27
 1,2-Dichloroethane
 Concen: 0.144 ug/L
 RT: 7.85 min Scan# 1014
 Delta R.T. -0.15 min
 Lab File: VR026143.D
 Acq: 19 Oct 2018 11:02

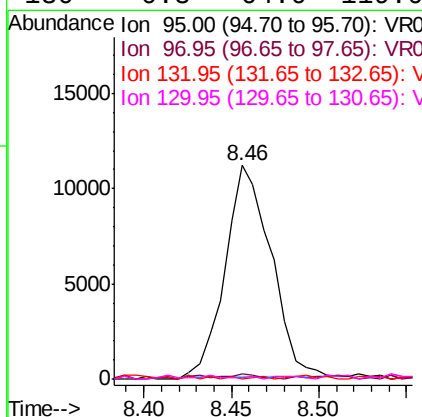
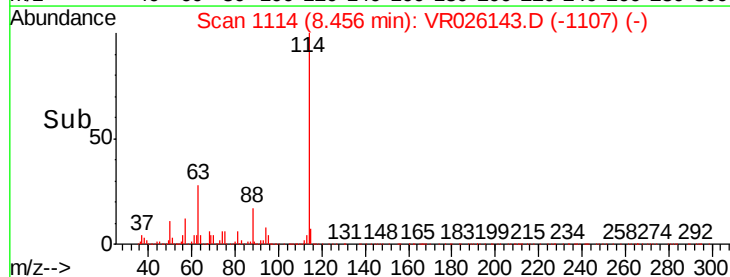
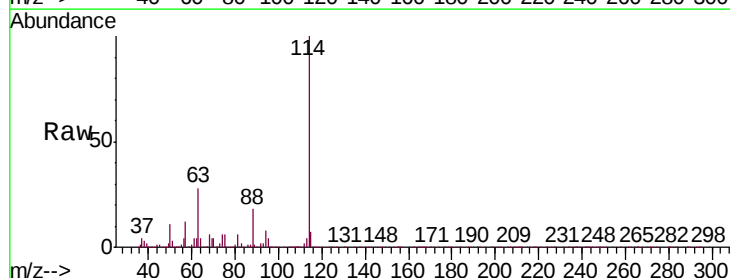
Instrument :
 MSVOA_R
 ClientSampled :
 VBLK88

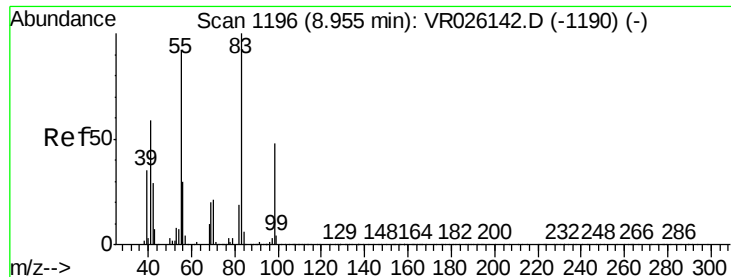
Tgt Ion: 62 Resp: 5480
 Ion Ratio Lower Upper
 62 100
 98 6.5 5.6 8.4



#34
 Trichloroethene
 Concen: 0.447 ug/L
 RT: 8.46 min Scan# 1114
 Delta R.T. -0.26 min
 Lab File: VR026143.D
 Acq: 19 Oct 2018 11:02

Tgt Ion: 95 Resp: 19999
 Ion Ratio Lower Upper
 95 100
 97 2.6 45.7 84.9#
 132 0.0 58.3 108.3#
 130 0.8 64.0 119.0#

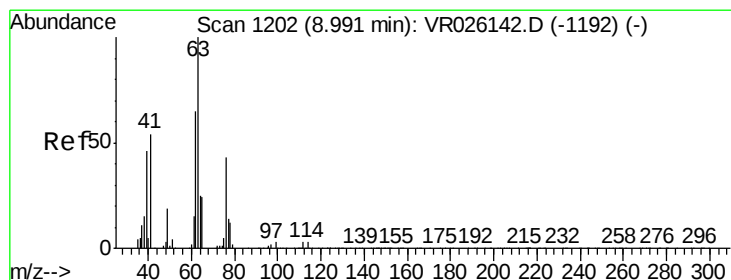
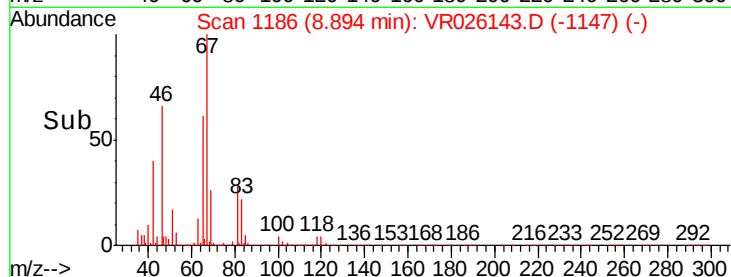
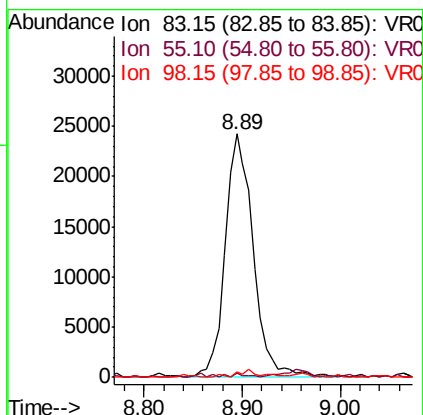
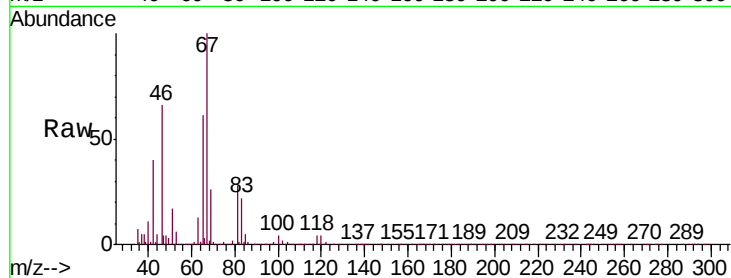




#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026143.D
Acq: 19 Oct 2018 11:02

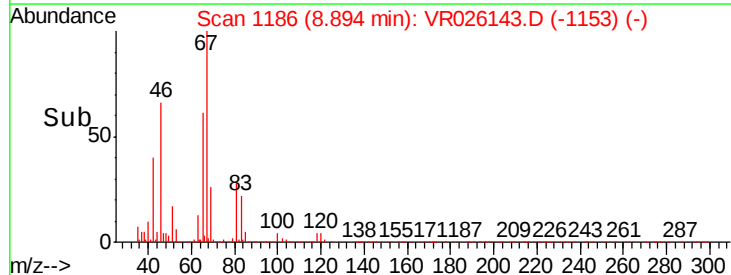
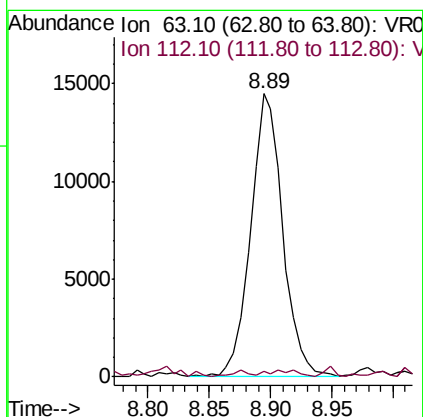
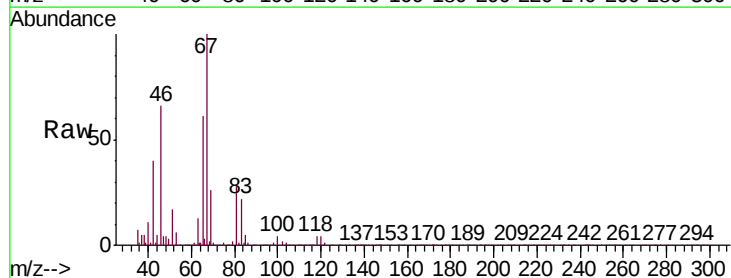
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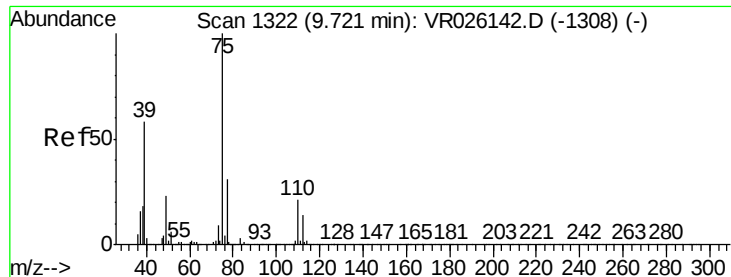
Tgt Ion: 83 Resp: 47664
Ion Ratio Lower Upper
83 100
55 1.2 66.8 100.2#
98 2.1 35.2 52.8#



#37
1,2-Dichloropropane
Concen: 0.718 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026143.D
Acq: 19 Oct 2018 11:02

Tgt Ion: 63 Resp: 26470
Ion Ratio Lower Upper
63 100
112 1.4 2.7 4.1#





#39

cis-1,3-Dichloropropene

Concen: 0.142 ug/L

RT: 9.68 min Scan# 1316

Delta R.T. -0.04 min

Lab File: VR026143.D

Acq: 19 Oct 2018 11:02

Instrument :

MSVOA_R

ClientSampleId :

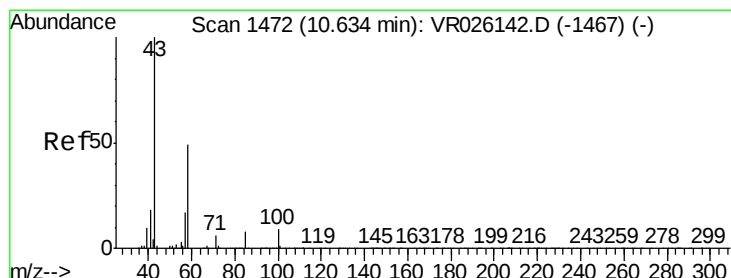
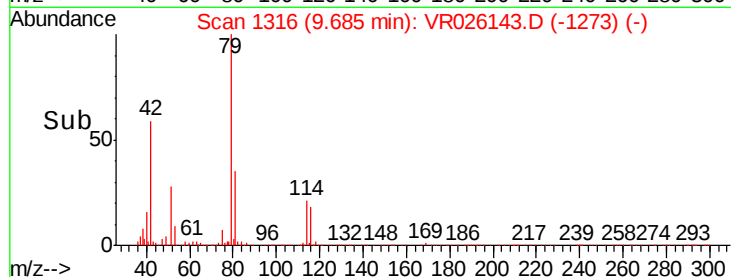
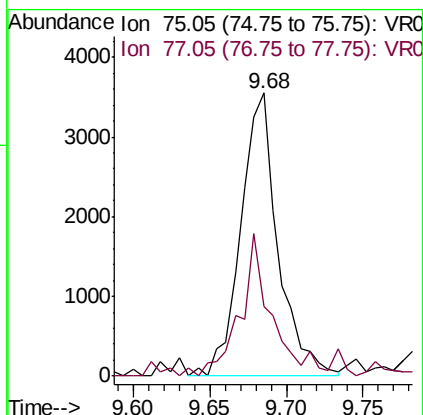
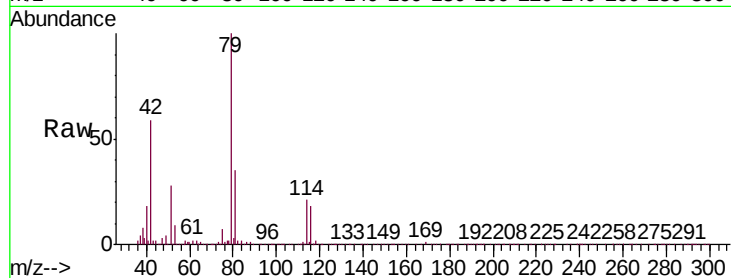
VBLK88

Tgt Ion: 75 Resp: 5980

Ion Ratio Lower Upper

75 100

77 24.8 22.7 42.1



#48

2-Hexanone

Concen: 3.329 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026143.D

Acq: 19 Oct 2018 11:02

Tgt Ion: 43 Resp: 24494

Ion Ratio Lower Upper

43 100

58 27.2 39.6 59.4#

57 30.4 14.0 21.0#

100 3.9 7.0 10.6#

