

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR040619\
 Data File : VR026478.D
 Acq On : 6 Apr 2019 16:35
 Operator : SY/MD
 Sample : K2260-07
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ETJ52

Quant Time: Apr 06 23:37:03 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	539418	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	442751	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	131330	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	164870	4.02	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	2.62	69	145443	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	3.60	63	324235	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	6.58	46	168935	46.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.46%
24) Chloroform-d	7.20	84	335295	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	7.90	65	139615	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	7.85	84	598669	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	8.89	67	163664	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	9.97	98	516429	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	10.23	79	29264	3.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.20%
46) 2-Hexanone-d5	10.59	63	128306	49.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.44%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	61296	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	98390	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

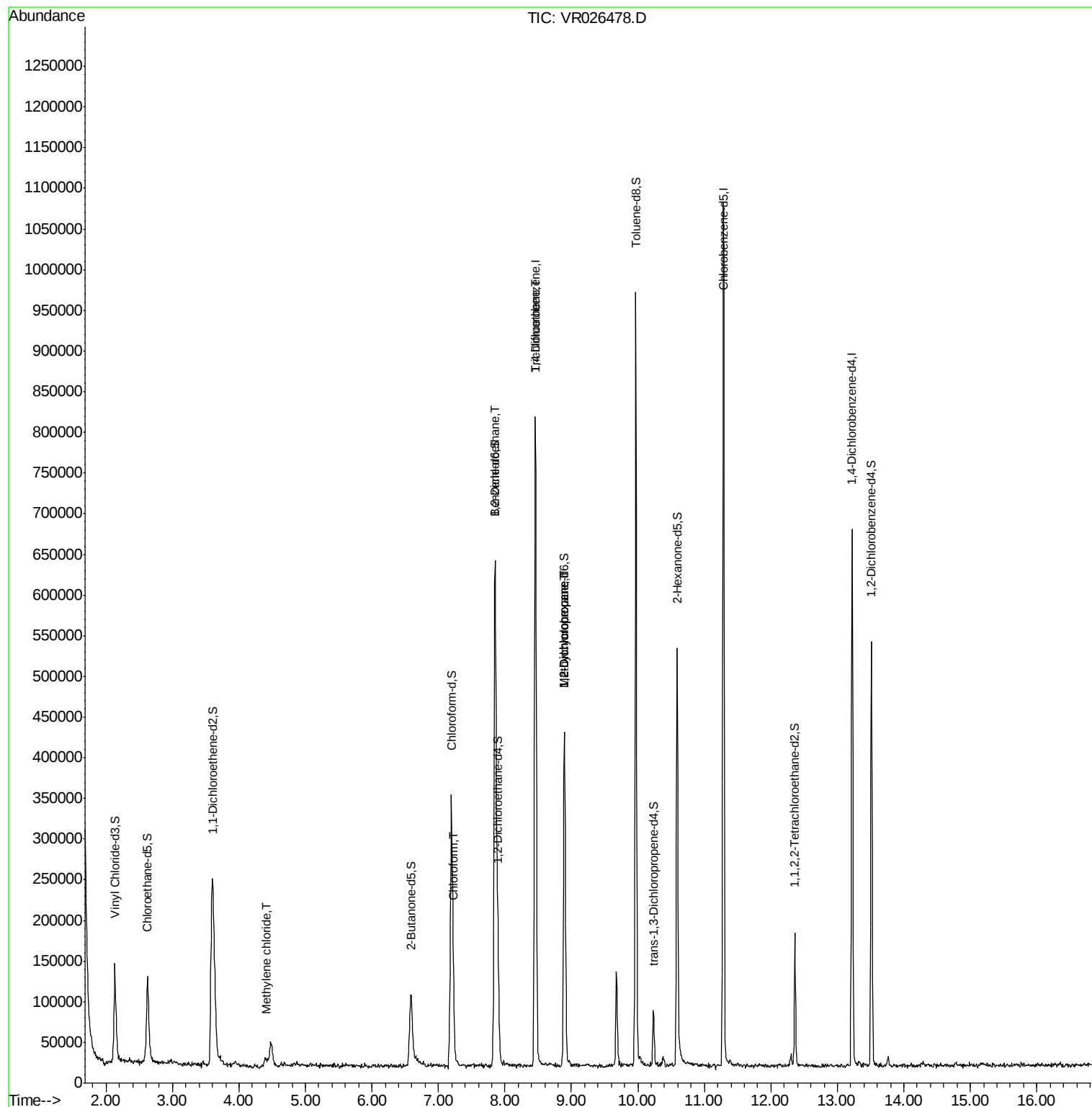
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Methylene chloride	4.40	84	6610	0.155	ug/L	89
25) Chloroform	7.23	83	32969	0.411	ug/L	96
27) 1,2-Dichloroethane	7.85	62	5118	0.128	ug/L	98
34) Trichloroethene	8.46	95	19421	0.419	ug/L #	12
35) Methylcyclohexane	8.89	83	41194	0.623	ug/L #	15
37) 1,2-Dichloropropane	8.89	63	20083	0.530	ug/L #	94

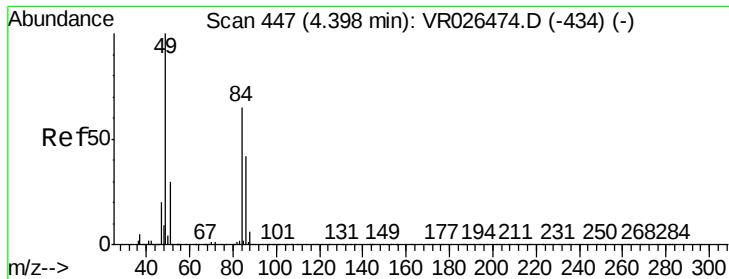
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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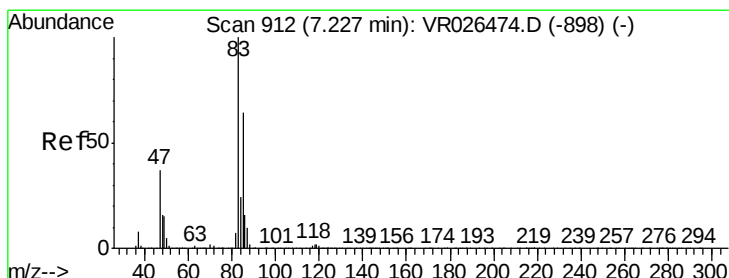
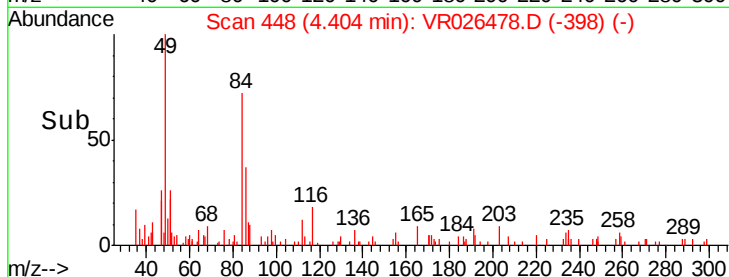
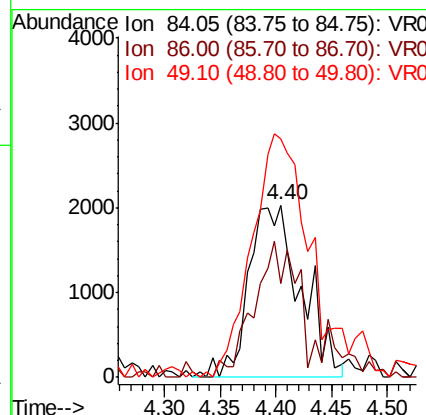
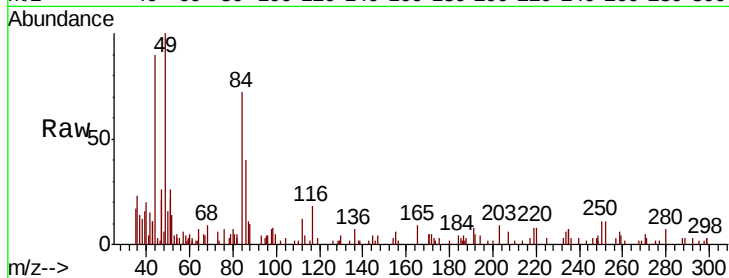




#16
Methylene chloride
Concen: 0.155 ug/L
RT: 4.40 min Scan# 448
Delta R.T. 0.01 min
Lab File: VR026478.D
Acq: 6 Apr 2019 16:35

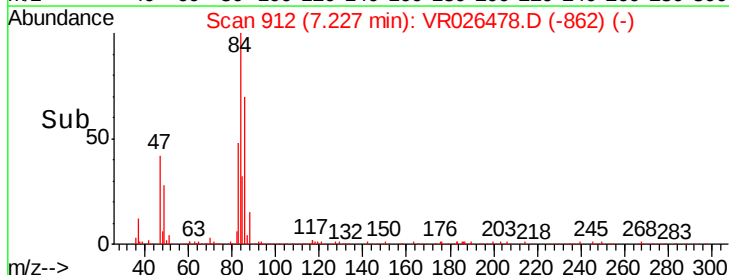
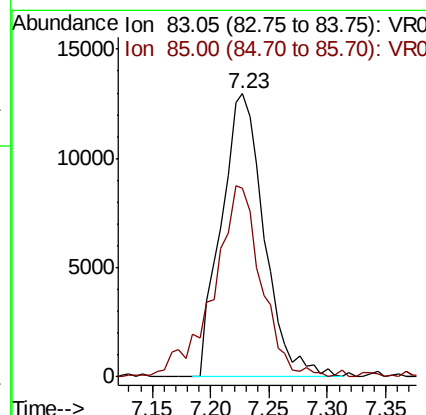
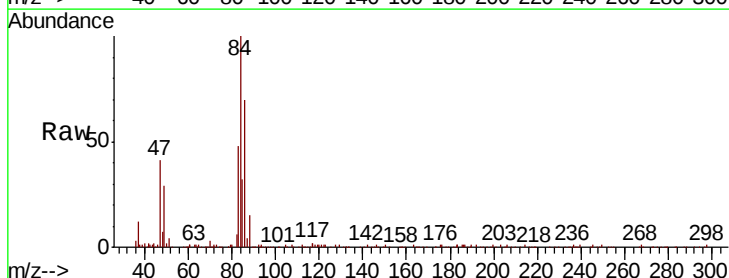
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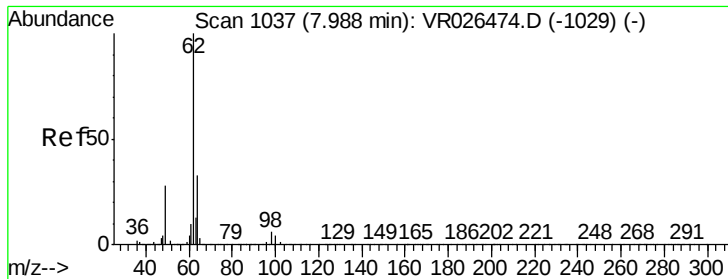
Tgt Ion: 84 Resp: 6610
Ion Ratio Lower Upper
84 100
86 54.9 45.6 84.6
49 138.7 106.5 197.9



#25
Chloroform
Concen: 0.411 ug/L
RT: 7.23 min Scan# 912
Delta R.T. 0.01 min
Lab File: VR026478.D
Acq: 6 Apr 2019 16:35

Tgt Ion: 83 Resp: 32969
Ion Ratio Lower Upper
83 100
85 66.6 44.2 82.0

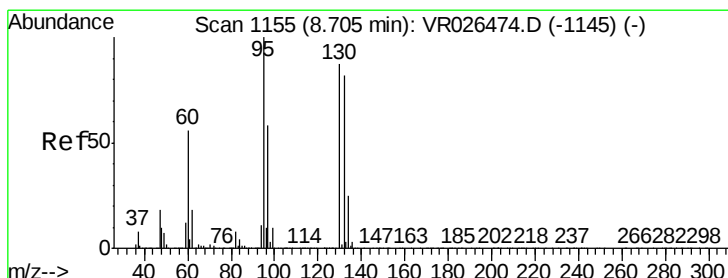
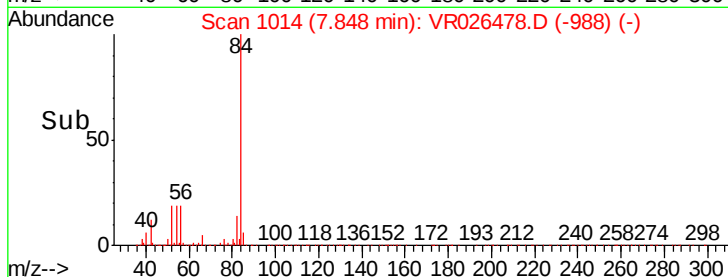
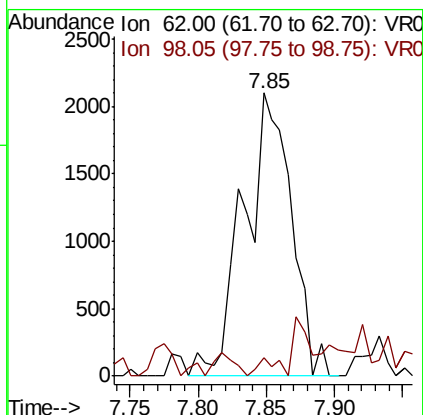
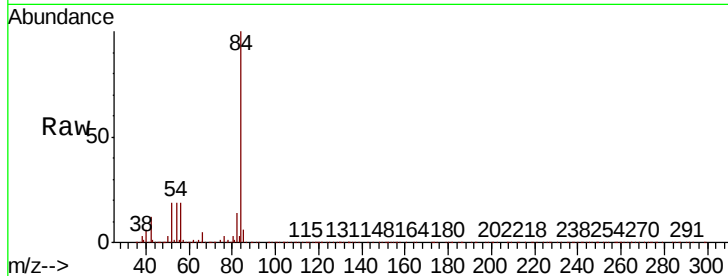




#27
1,2-Dichloroethane
Concen: 0.128 ug/L
RT: 7.85 min Scan# 1014
Delta R.T. -0.14 min
Lab File: VR026478.D
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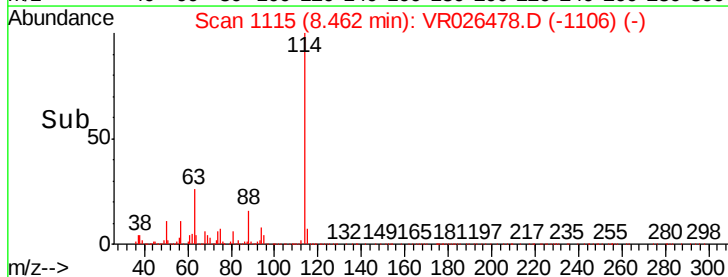
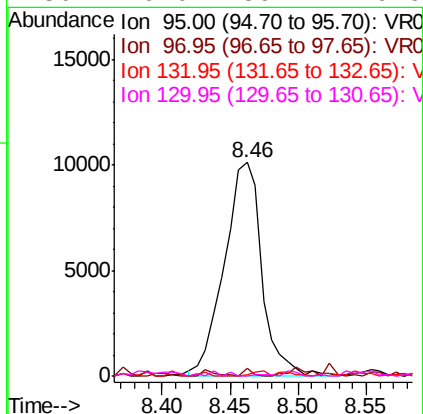
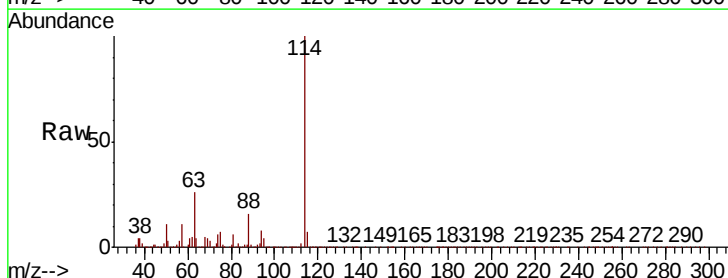
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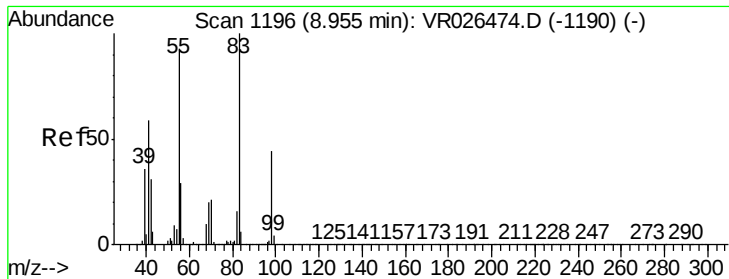
Tgt Ion: 62 Resp: 5118
Ion Ratio Lower Upper
62 100
98 6.7 4.8 7.2



#34
Trichloroethene
Concen: 0.419 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.24 min
Lab File: VR026478.D
Acq: 6 Apr 2019 16:35

Tgt Ion: 95 Resp: 19421
Ion Ratio Lower Upper
95 100
97 3.4 43.8 81.3#
132 0.8 57.2 106.2#
130 0.0 59.7 110.9#

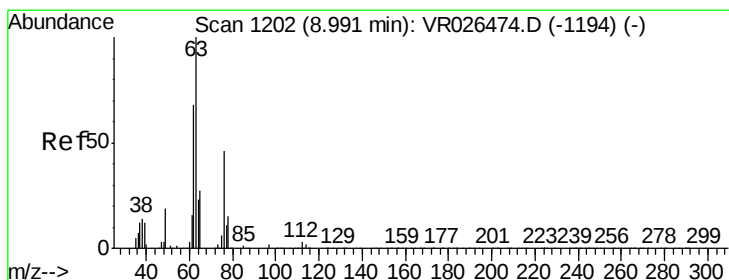
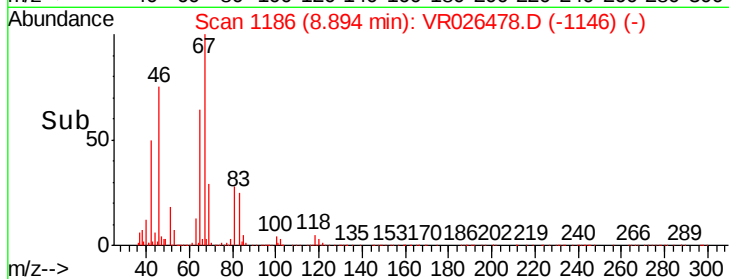
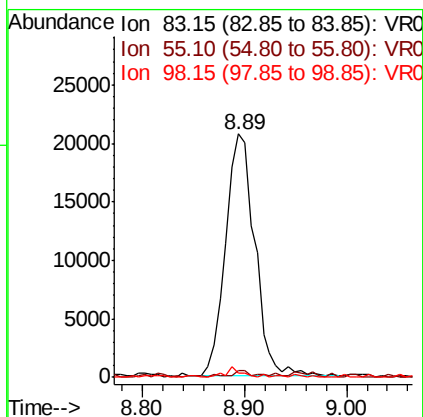
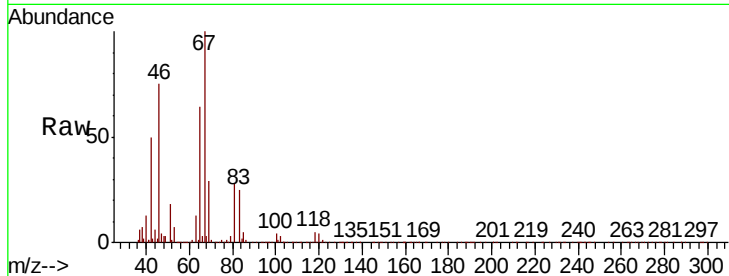




#35
Methylcyclohexane
Concen: 0.623 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.05 min
Lab File: VR026478.D
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MSVOA_R
ClientSampled :
ETJ52

Tgt Ion: 83 Resp: 41194
Ion Ratio Lower Upper
83 100
55 1.8 73.8 110.6#
98 2.3 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026478.D
Acq: 6 Apr 2019 16:35

Tgt Ion: 63 Resp: 20083
Ion Ratio Lower Upper
63 100
112 1.5 2.8 4.2#

