

Data File : VR026387.D
Acq On : 26 Feb 2019 14:41
Operator : SY/MD
Sample : K1589-07DL 8X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 27 07:33:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 27 07:30:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	518665	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	408592	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	123875	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	146626	2.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.80%
7) Chloroethane-d5	2.62	69	138556	3.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.60%
11) 1,1-Dichloroethene-d2	3.60	63	302659	2.54	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.80%#
20) 2-Butanone-d5	6.58	46	160059	43.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.44%
24) Chloroform-d	7.20	84	310009	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.00%
26) 1,2-Dichloroethane-d4	7.89	65	126686	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
32) Benzene-d6	7.85	84	542615	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.60%
36) 1,2-Dichloropropane-d6	8.89	67	152754	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.40%
41) Toluene-d8	9.97	98	466936	3.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.40%#
43) trans-1,3-Dichloropropene-	10.24	79	31465	3.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.20%
46) 2-Hexanone-d5	10.59	63	115797	44.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.34%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	53973	3.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	94126	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

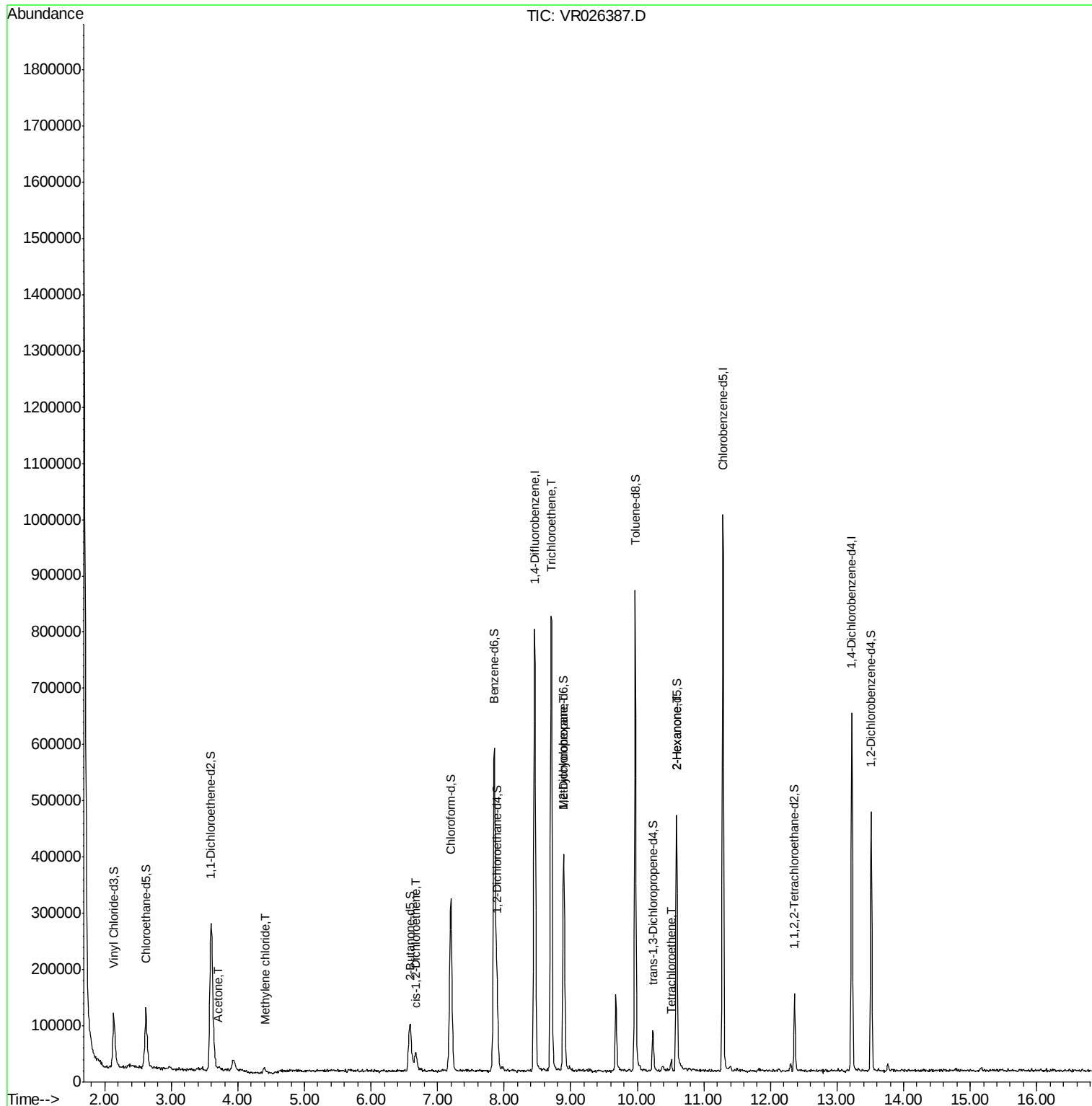
Target Compounds

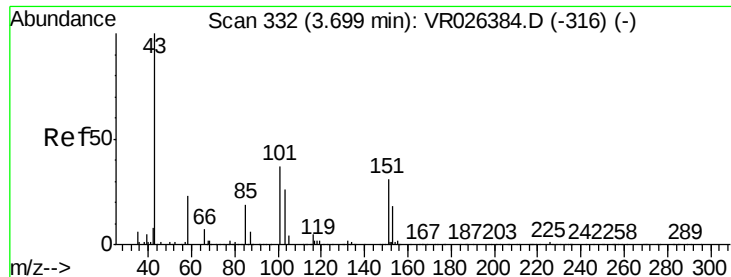
					Qvalue
13) Acetone	3.70	43	4091	1.228	ug/L 58
16) Methylene chloride	4.41	84	6266	0.158	ug/L 77
22) cis-1,2-Dichloroethene	6.68	96	13420	0.387	ug/L # 80
34) Trichloroethene	8.71	95	256035	6.482	ug/L 93
35) Methylcyclohexane	8.90	83	38029	0.679	ug/L # 16
47) Tetrachloroethene	10.51	164	3756	0.131	ug/L # 84
48) 2-Hexanone	10.59	43	19946	3.166	ug/L # 73

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

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#13

Acetone

Concen: 1.228 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.00 min

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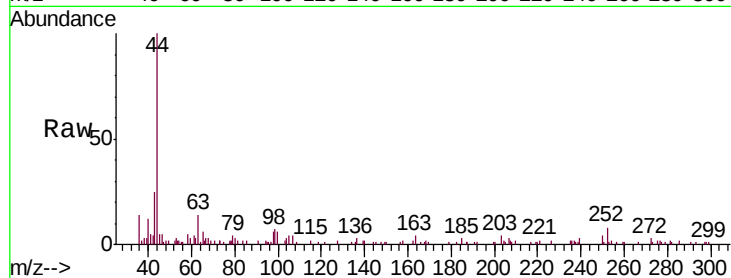
Acq: 26 Feb 2019 14:41

Tgt Ion: 43 Resp: 4091

Ion Ratio Lower Upper

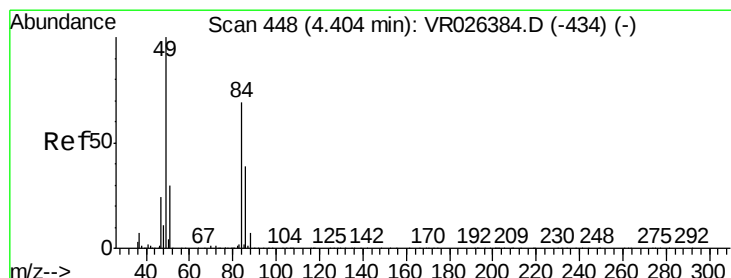
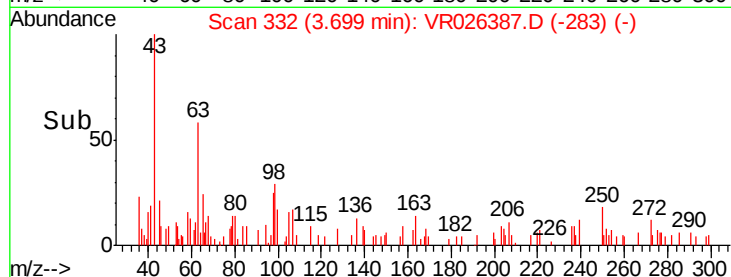
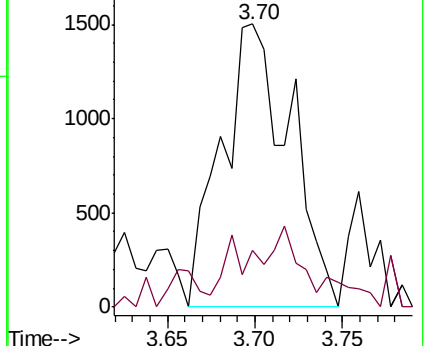
43 100

58 4.7 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#16

Methylene chloride

Concen: 0.158 ug/L

RT: 4.41 min Scan# 449

Delta R.T. 0.01 min

Lab File: VR026387.D

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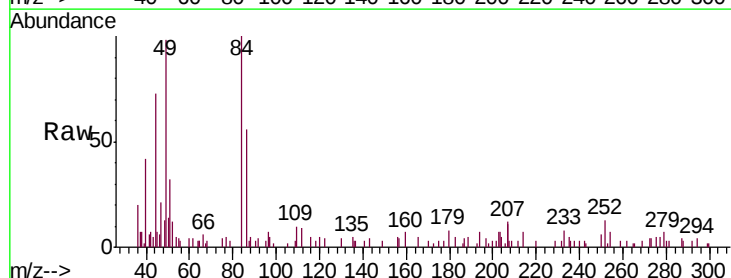
Tgt Ion: 84 Resp: 6266

Ion Ratio Lower Upper

84 100

86 56.3 42.1 78.3

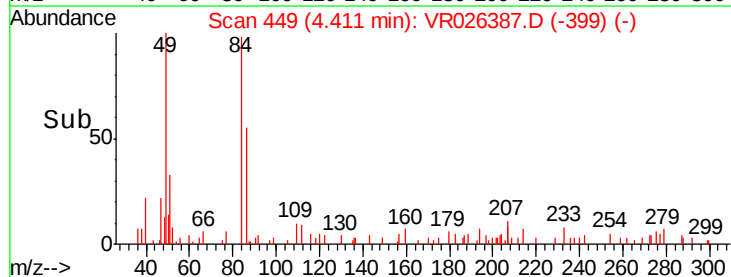
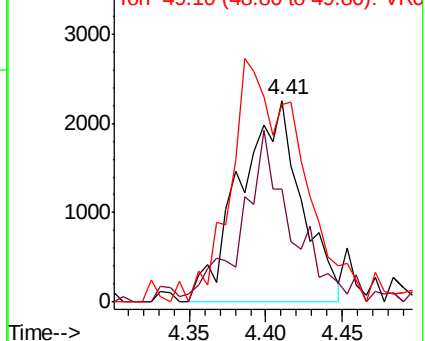
49 98.0 93.8 174.2

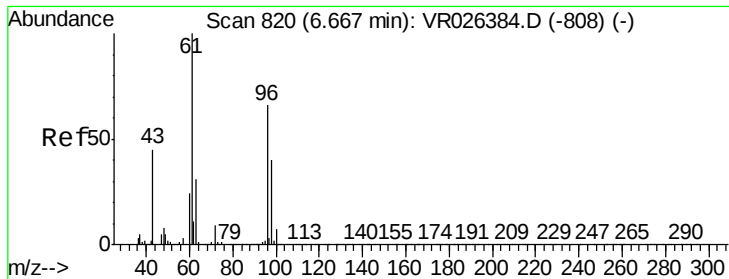


Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

Ion 49.10 (48.80 to 49.80): VR0

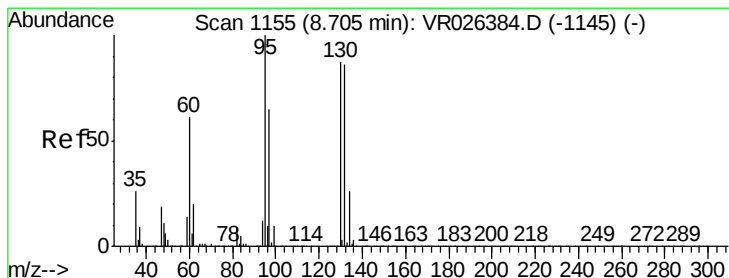
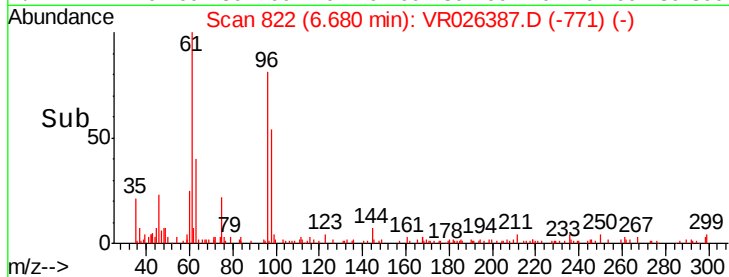
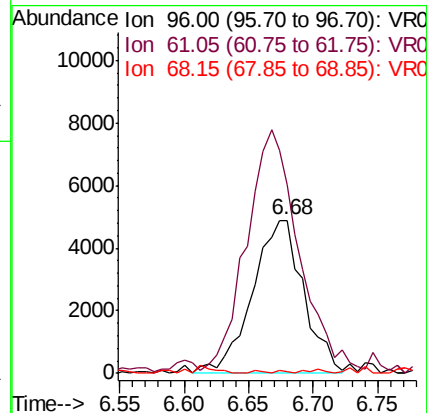
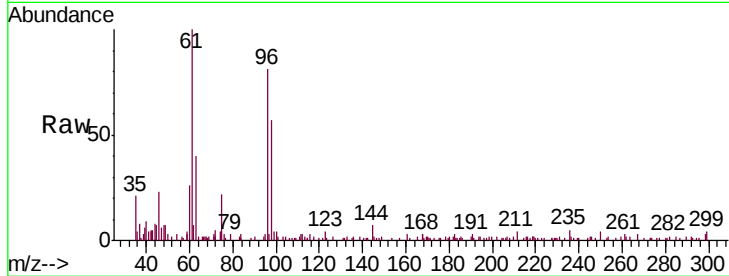




#22

cis-1,2-Dichloroethene
Concen: 0.387 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.01 min
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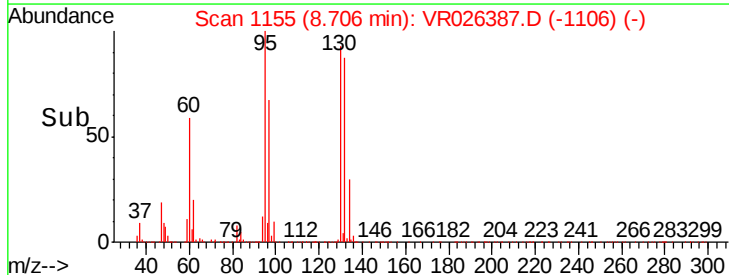
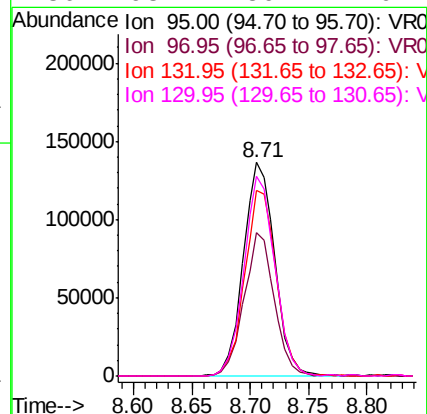
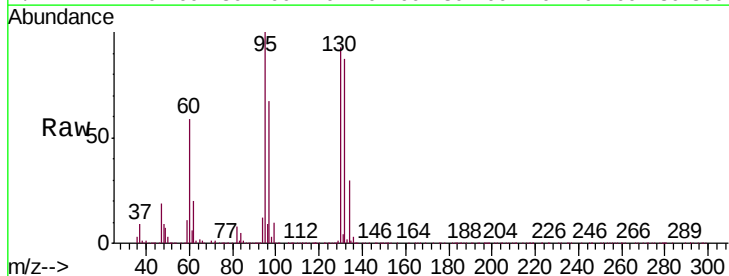
Tgt Ion	Ratio	Lower	Upper
96	100		
61	118.9	100.8	187.2
68	1.2	0.1	0.1#

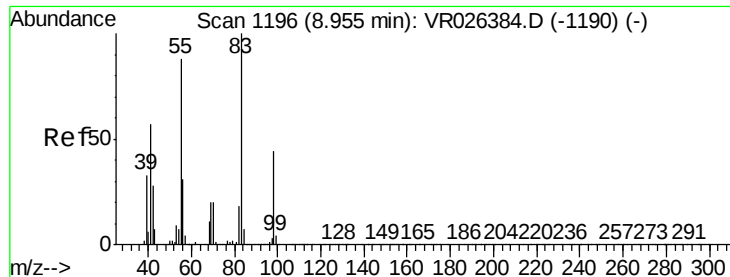


#34

Trichloroethene
Concen: 6.482 ug/L
RT: 8.71 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VR026387.D
Acq: 26 Feb 2019 14:41

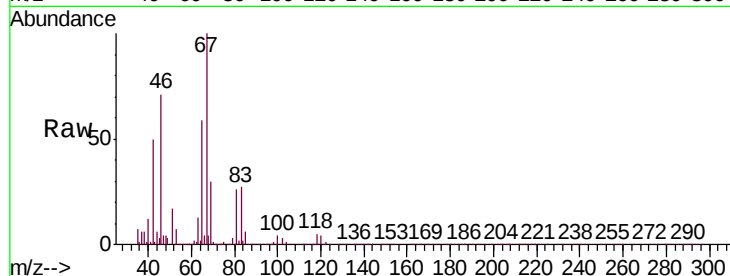
Tgt Ion	Ratio	Lower	Upper
95	100		
97	67.2	43.5	80.7
132	87.1	58.6	108.8
130	93.2	59.4	110.2





#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026387.D
Acq: 26 Feb 2019 14:41

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.6	72.2	108.2#
98	3.2	35.0	52.4#

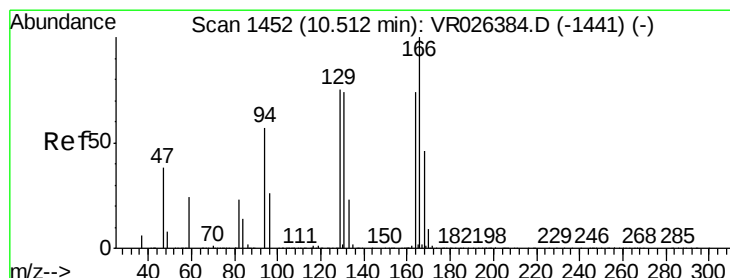
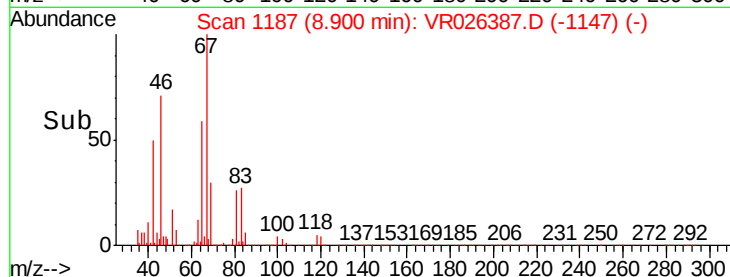
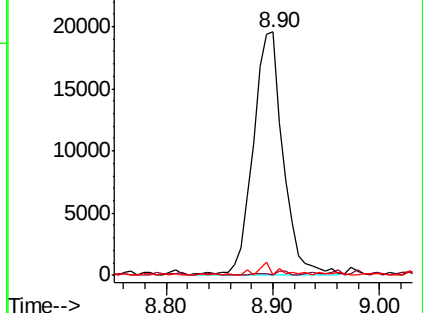


Abundance

Ion 83.15 (82.85 to 83.85): VR0

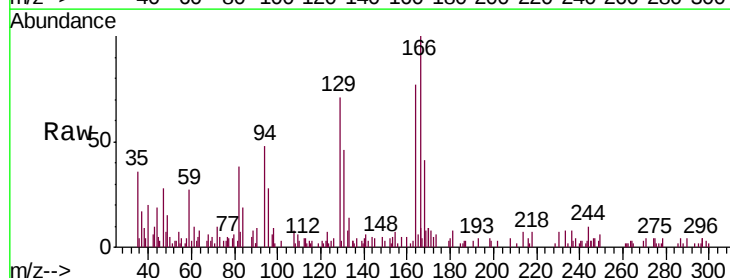
Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0



#47
Tetrachloroethene
Concen: 0.131 ug/L
RT: 10.51 min Scan# 1451
Delta R.T. -0.01 min
Lab File: VR026387.D
Acq: 26 Feb 2019 14:41

Tgt Ion	Ratio	Lower	Upper
164	100		
129	92.0	67.2	124.8
131	60.0	67.3	125.1#
166	140.6	90.4	167.8



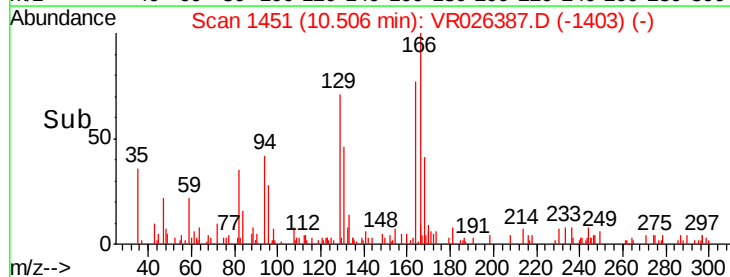
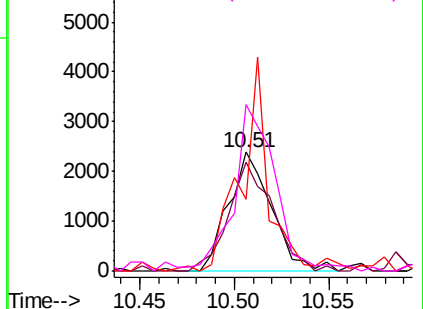
Abundance

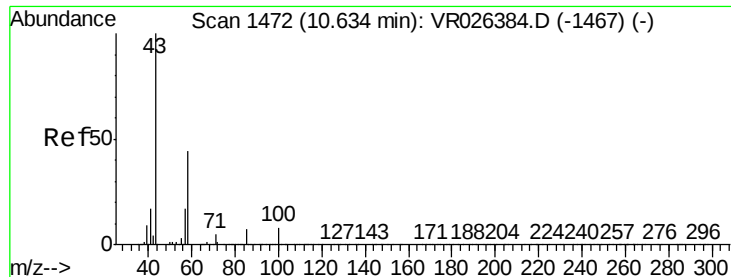
Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#48
 2-Hexanone
 Concen: 3.166 ug/L
 RT: 10.59 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: VR026387.D
 Acq: 26 Feb 2019 14:41

Tgt Ion:	43	Resp:	19946
Ion	Ratio	Lower	Upper
43	100		
58	30.9	38.4	57.6#
57	33.1	13.2	19.8#
100	3.9	6.3	9.5#

