

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040419\
 Data File : VR026446.D
 Acq On : 4 Apr 2019 14:48
 Operator : SY/MD
 Sample : K2248-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Apr 05 07:22:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 05 07:16:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	461324	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	378816	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	112915	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	170998	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	2.62	69	152812	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	3.60	63	341476	3.77	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	6.58	46	148536	47.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.06%
24) Chloroform-d	7.20	84	308328	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	7.89	65	129983	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	7.85	84	564278	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	8.89	67	147119	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	9.97	98	515760	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	10.23	79	33738	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	10.59	63	120226	53.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.82%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	55173	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	97996	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

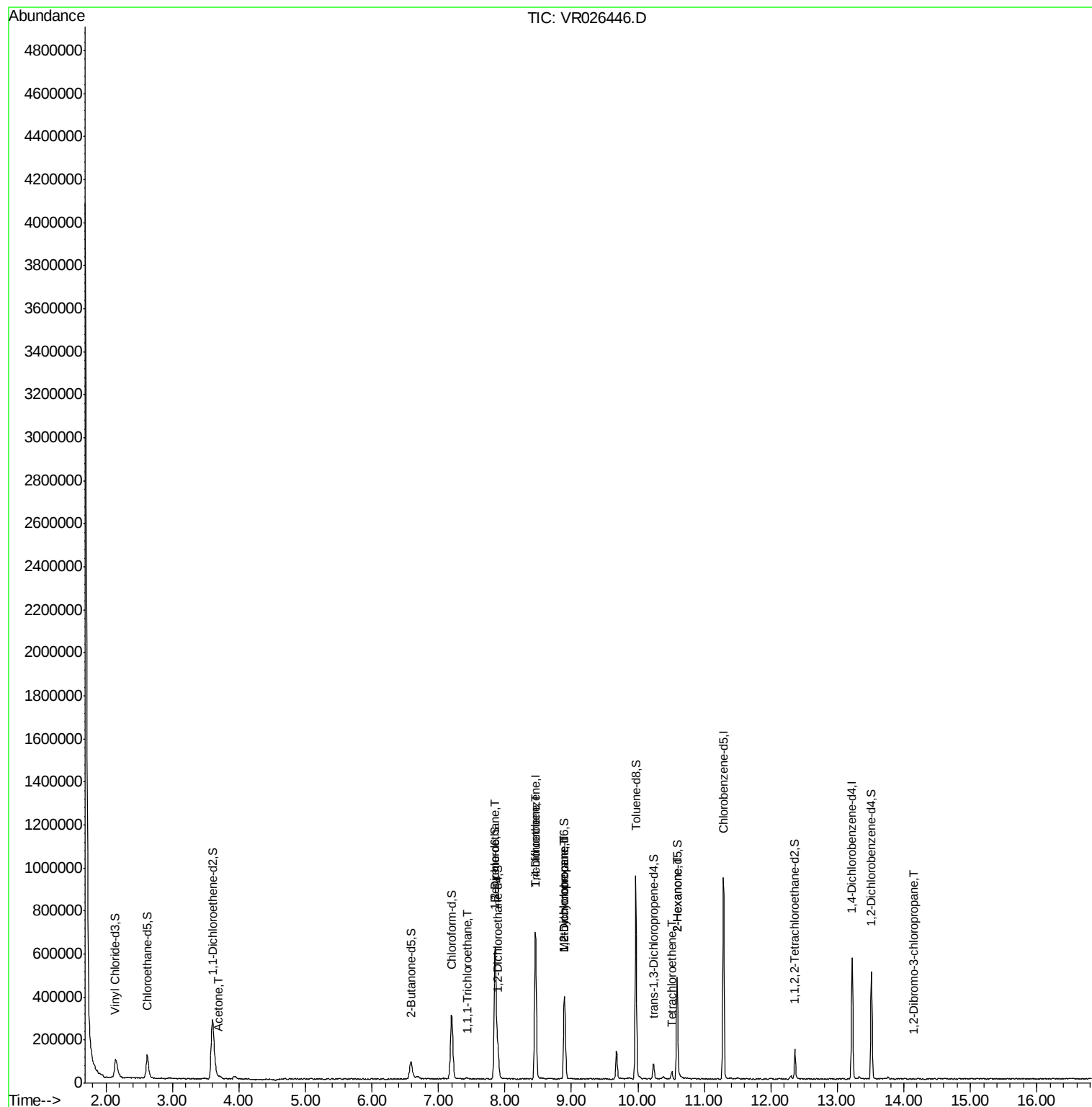
					Ovalue
13) Acetone	3.69	43	17019	5.389	ug/L 92
27) 1,2-Dichloroethane	7.84	62	4881	0.143	ug/L 99
29) 1,1,1-Trichloroethane	7.43	97	5428	0.087	ug/L # 87
34) Trichloroethene	8.46	95	15983	0.403	ug/L # 12
35) Methylcyclohexane	8.90	83	36469	0.645	ug/L # 13
37) 1,2-Dichloropropane	8.89	63	19970	0.616	ug/L # 93
47) Tetrachloroethene	10.51	164	6674	0.236	ug/L # 84
48) 2-Hexanone	10.59	43	22096	3.494	ug/L # 69
66) 1,2-Dibromo-3-chloropropan	14.16	75	219	0.190	ug/L # 61

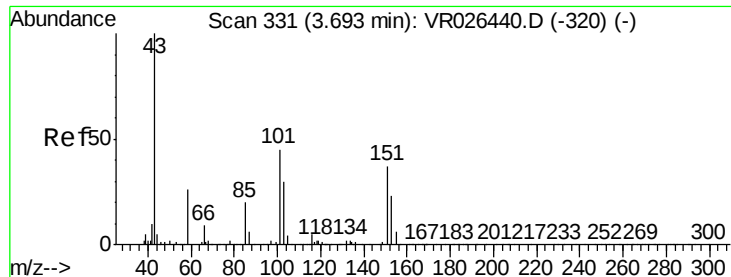
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.389 ug/L

RT: 3.69 min Scan# 331

Delta R.T. -0.00 min

Lab File: VR026446.D

Acq: 4 Apr 2019 14:48

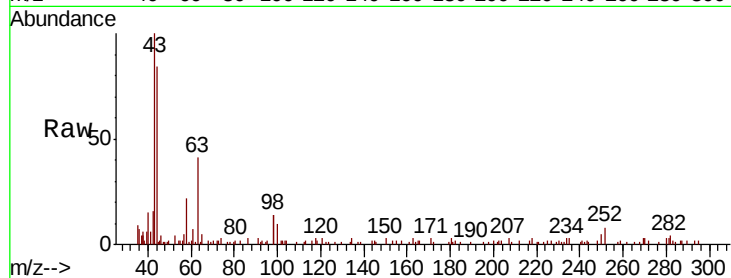
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 17019

Ion Ratio Lower Upper

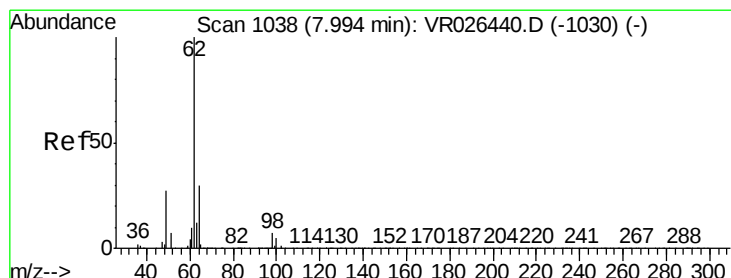
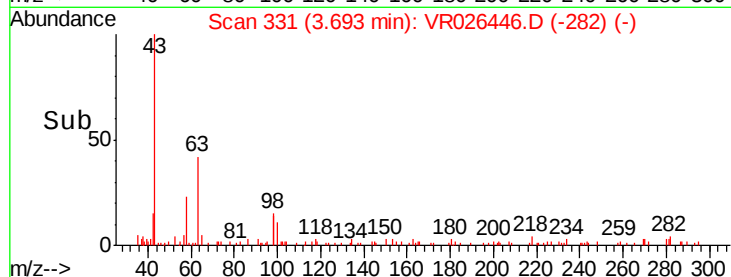
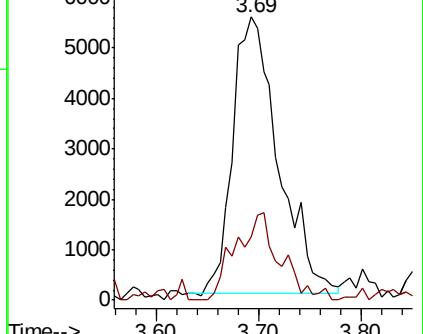
43 100

58 30.9 0.0 53.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#27

1,2-Dichloroethane

Concen: 0.143 ug/L

RT: 7.84 min Scan# 1013

Delta R.T. -0.15 min

Lab File: VR026446.D

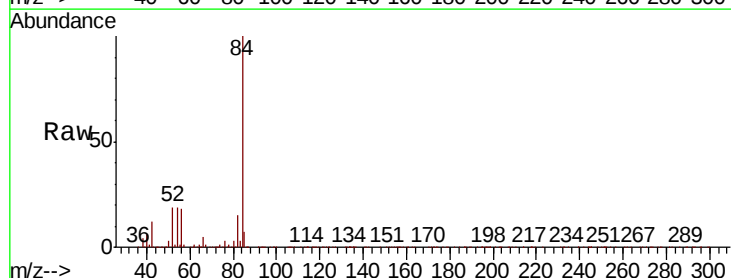
Acq: 4 Apr 2019 14:48

Tgt Ion: 62 Resp: 4881

Ion Ratio Lower Upper

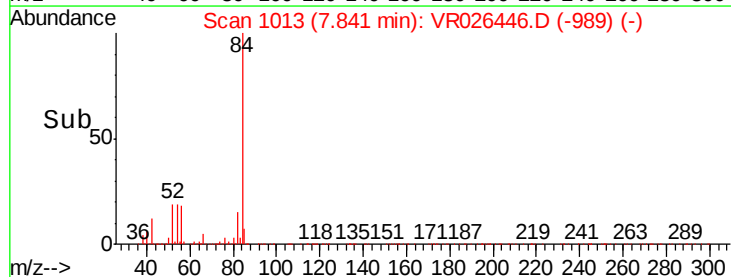
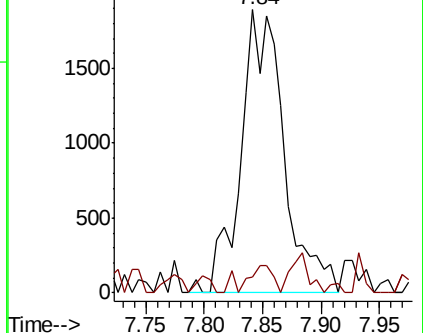
62 100

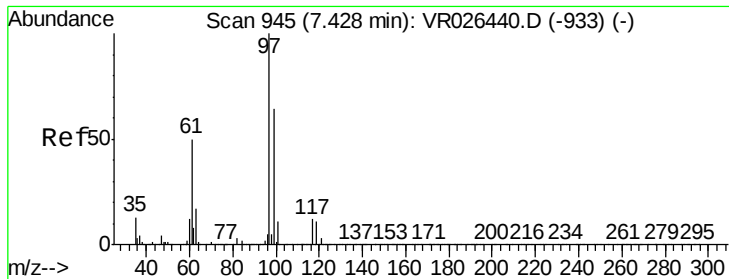
98 5.6 4.8 7.2



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 98.05 (97.75 to 98.75): VR0





#29

1,1,1-Trichloroethane

Concen: 0.087 ug/L

RT: 7.43 min Scan# 946

Delta R.T. 0.01 min

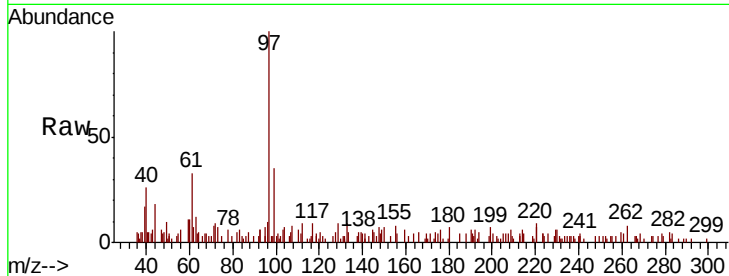
Lab File: VR026446.D

Acq: 4 Apr 2019 14:48

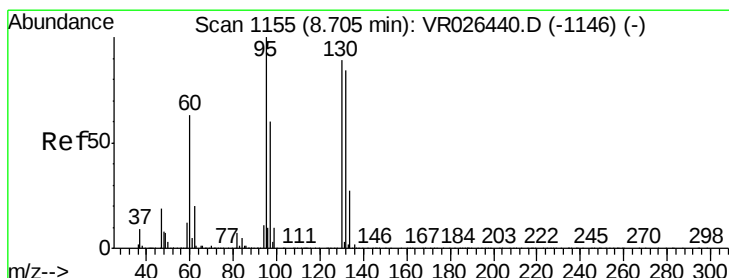
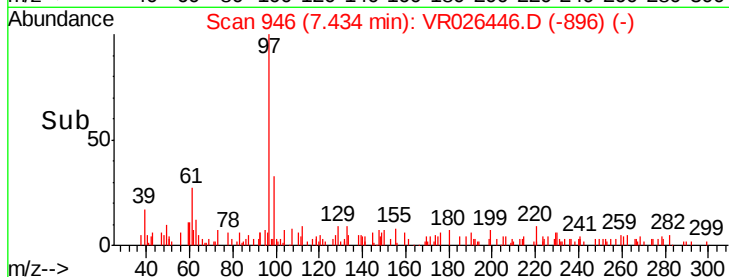
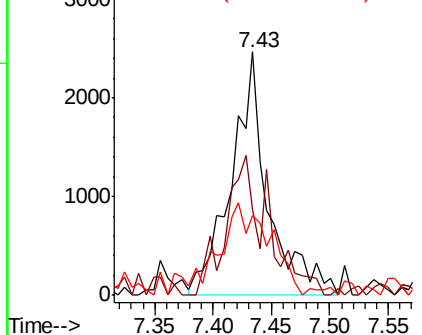
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 97 Resp: 5428

Ion	Ratio	Lower	Upper
97	100		
99	44.3	49.6	74.4#
61	50.8	41.8	62.6



Abundance Ion 96.95 (96.65 to 97.65): VR0
Ion 99.05 (98.75 to 99.75): VR0
Ion 61.05 (60.75 to 61.75): VR0



#34

Trichloroethene

Concen: 0.403 ug/L

RT: 8.46 min Scan# 1114

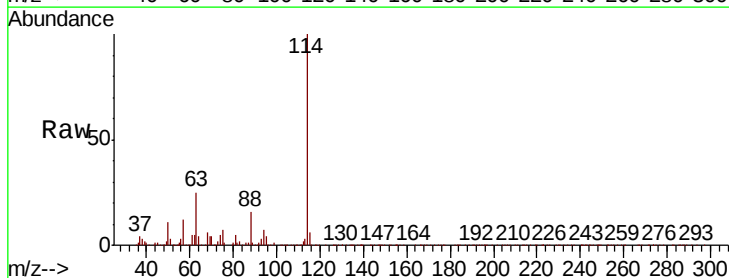
Delta R.T. -0.25 min

Lab File: VR026446.D

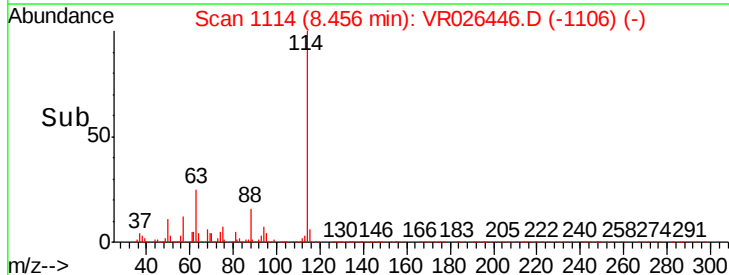
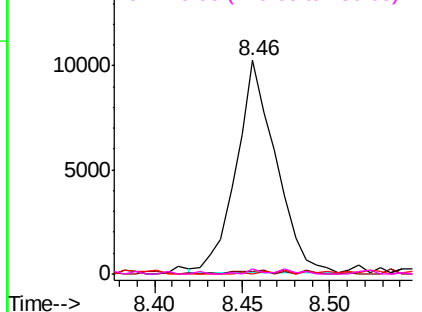
Acq: 4 Apr 2019 14:48

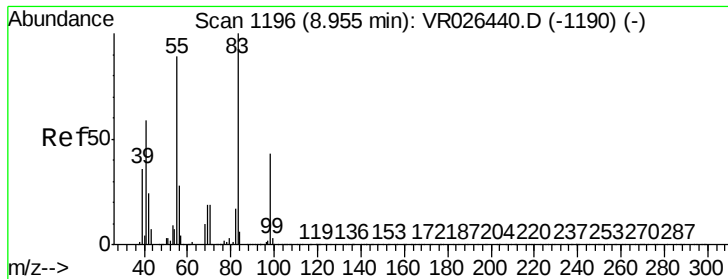
Tgt Ion: 95 Resp: 15983

Ion	Ratio	Lower	Upper
95	100		
97	1.0	43.8	81.3#
132	0.0	57.2	106.2#
130	2.6	59.7	110.9#



Abundance Ion 95.00 (94.70 to 95.70): VR0
Ion 96.95 (96.65 to 97.65): VR0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

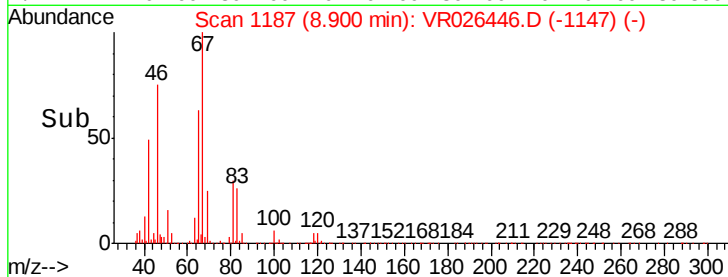
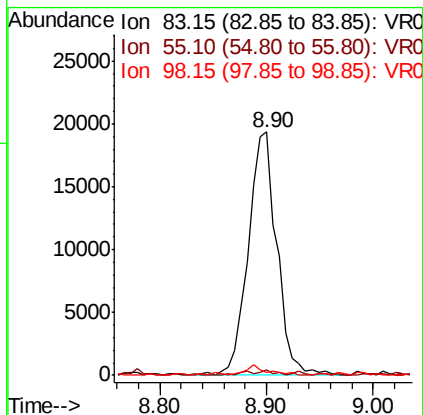
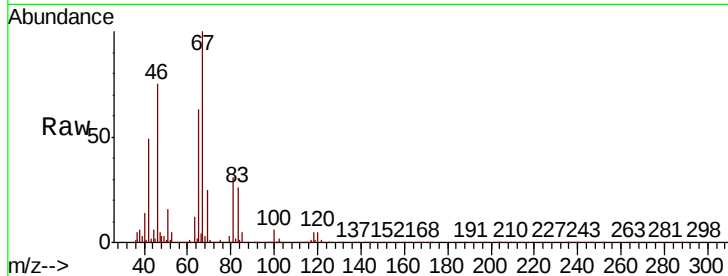




#35
Methvlcvclohexane
Concen: 0.645 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026446.D
Acq: 4 Apr 2019 14:48

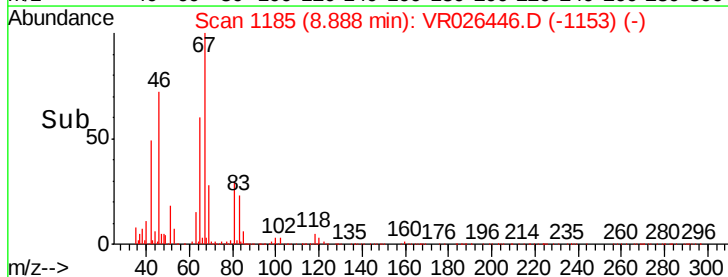
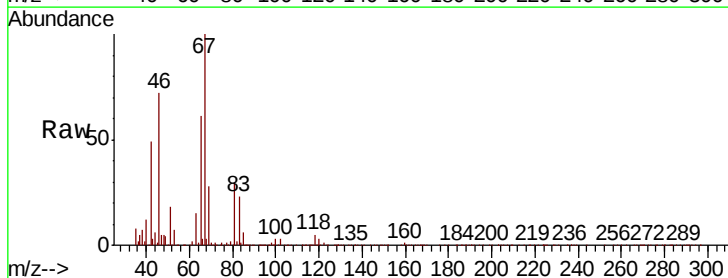
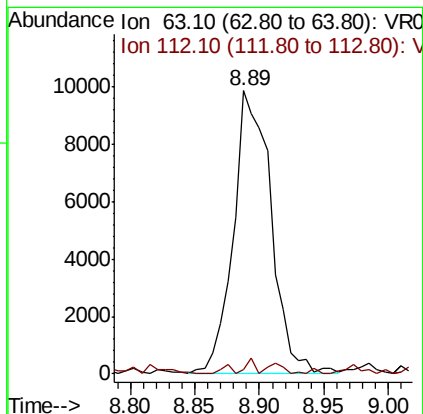
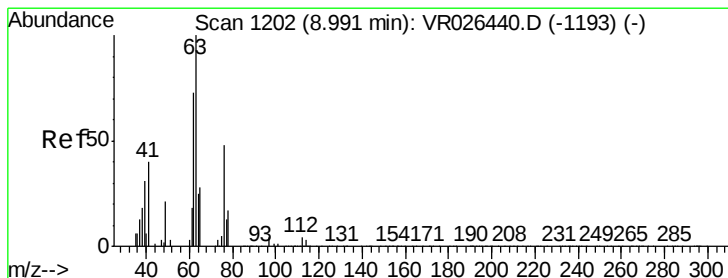
Instrument :
MSVOA_R
ClientSampleId :

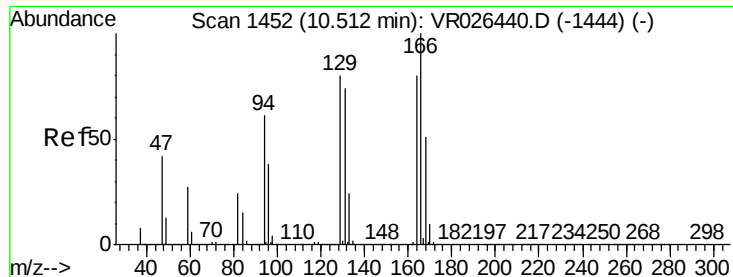
Tot Ion: 83 Resp: 36469
Ion Ratio Lower Upper
83 100
55 0.8 73.8 110.6#
98 0.0 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.616 ug/L
RT: 8.89 min Scan# 1185
Delta R.T. -0.10 min
Lab File: VR026446.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 63 Resp: 19970
Ion Ratio Lower Upper
63 100
112 1.2 2.8 4.2#

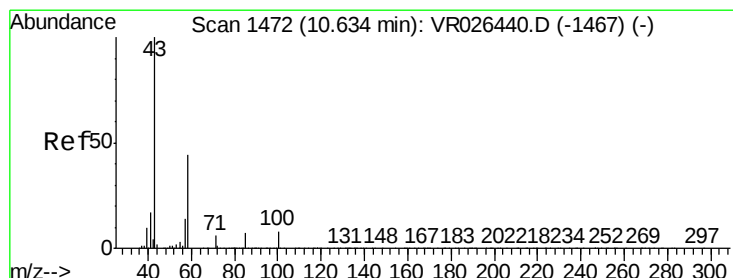
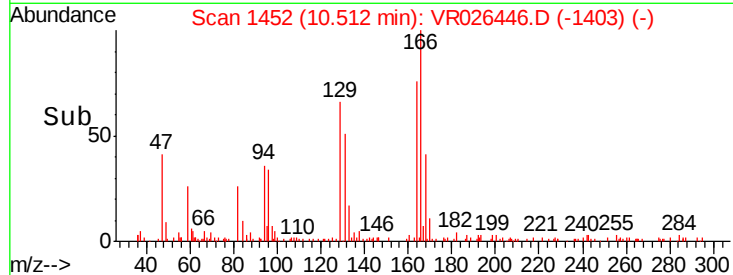
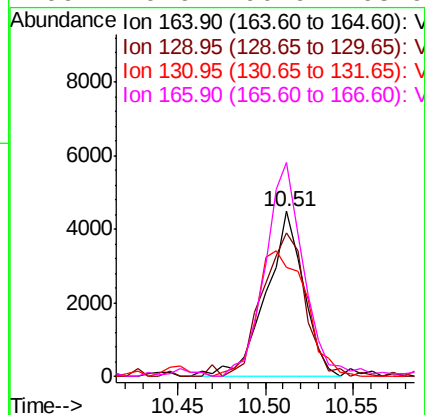
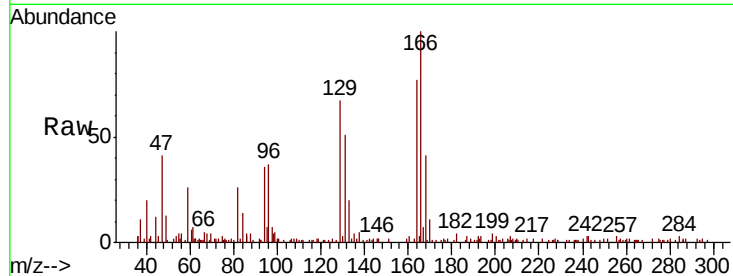




#47
Tetrachloroethene
Concen: 0.236 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VR026446.D
Acq: 4 Apr 2019 14:48

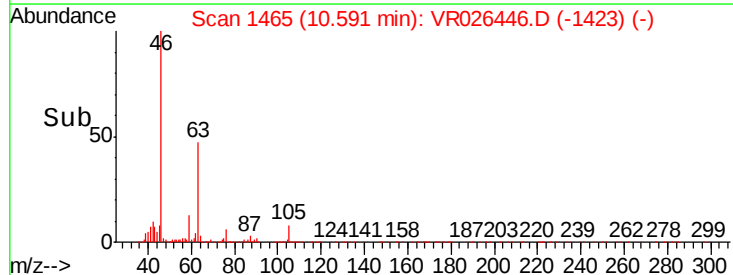
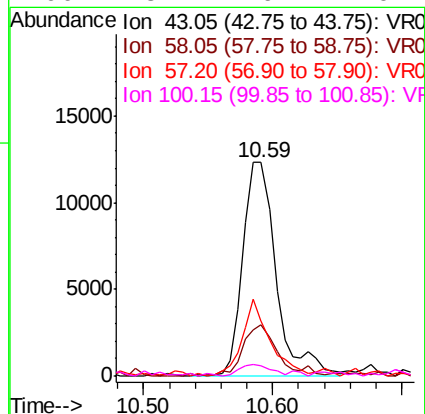
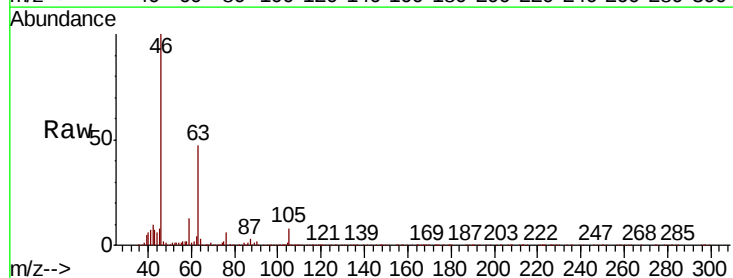
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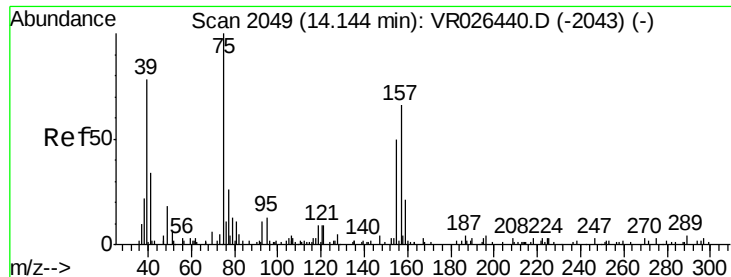
Tot Ion	Ratio	Lower	Upper
164	100		
129	87.1	74.1	137.5
131	66.2	71.3	132.5#
166	129.6	90.9	168.9



#48
2-Hexanone
Concen: 3.494 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026446.D
Acq: 4 Apr 2019 14:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	23.2	38.2	57.2#
57	29.6	13.8	20.6#
100	5.1	6.2	9.2#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.190 ug/L
 RT: 14.16 min Scan# 2051
 Delta R.T. 0.01 min
 Lab File: VR026446.D
 Acq: 4 Apr 2019 14:48

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 75 Resp: 219
 Ion Ratio Lower Upper
 75 100
 155 41.6 36.1 54.1
 157 27.2 62.4 93.6#

