

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071218\
 Data File : VR025459.D
 Acq On : 12 Jul 2018 19:12
 Operator : SY/MD
 Sample : J3960-05
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG7

Quant Time: Jul 13 00:38:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 13 00:37:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	742158	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	595128	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	200849	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	109532	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	2.62	69	89269	5.12	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	3.63	63	234279	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	6.59	46	307983	48.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.92%
24) Chloroform-d	7.20	84	482839	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	7.89	65	185408	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	7.86	84	1030034	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	8.90	67	283399	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	9.97	98	883829	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	10.24	79	68144	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	10.59	63	260929	52.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.48%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	119828	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	188779	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

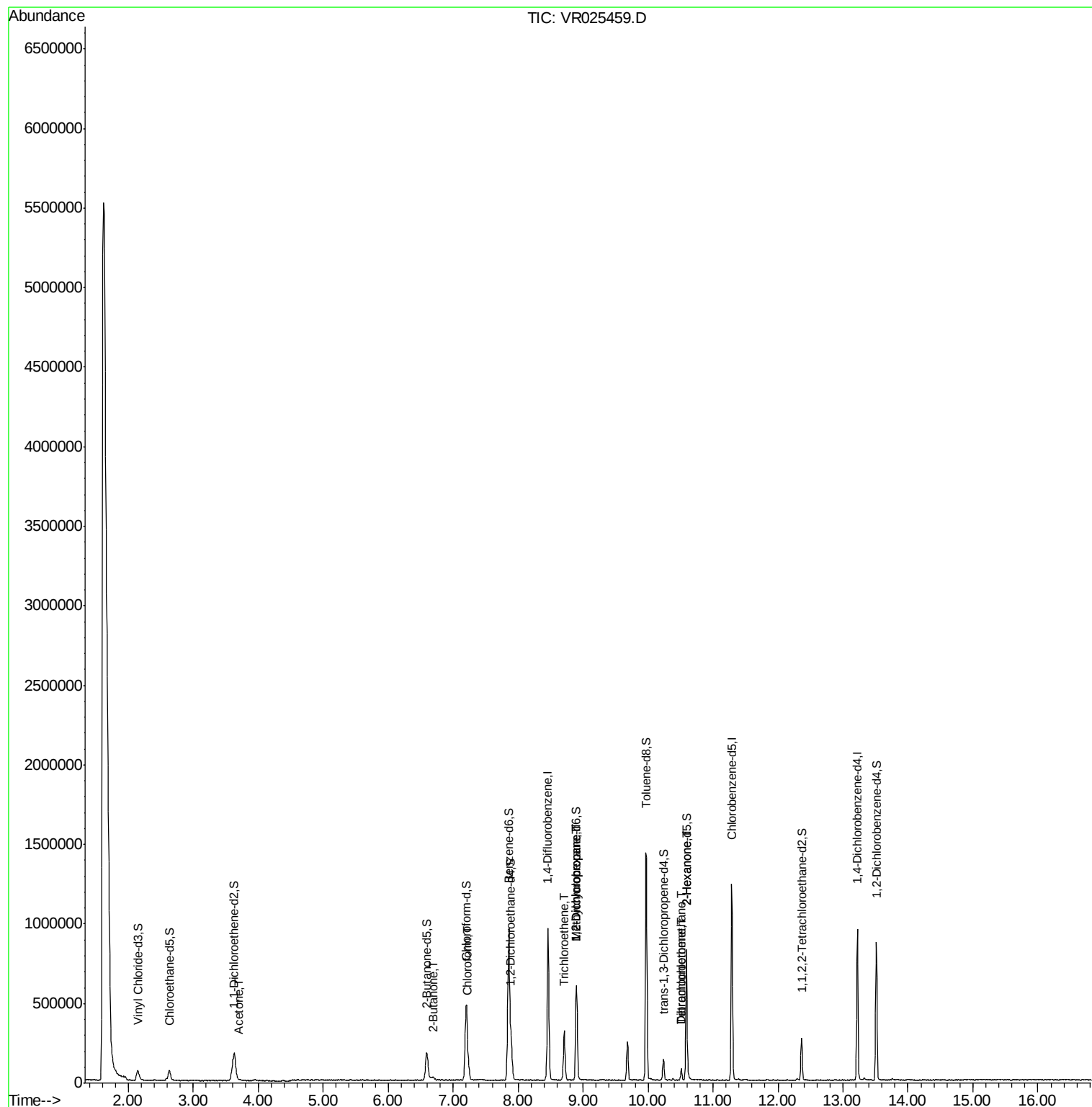
					Qvalue
13) Acetone	3.70	43	6838	2.388	ug/L 90
21) 2-Butanone	6.69	43	2555	0.383	ug/L 99
25) Chloroform	7.23	83	74547	0.820	ug/L 97
34) Trichloroethene	8.71	95	110261	2.111	ug/L 93
35) Methylcyclohexane	8.90	83	66249	0.949	ug/L # 18
37) 1,2-Dichloropropane	8.90	63	29330	0.615	ug/L # 92
47) Tetrachloroethene	10.52	164	14530	0.426	ug/L 86
48) 2-Hexanone	10.59	43	31150	3.277	ug/L # 73
49) Dibromochloromethane	10.52	129	13253	0.544	ug/L # 9

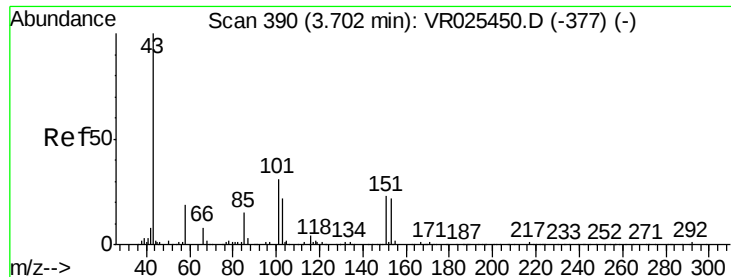
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.388 ug/L

RT: 3.70 min Scan# 390

Delta R.T. -0.00 min

Lab File: VR025459.D

Acq: 12 Jul 2018 19:12

Instrument :

MSVOA_R

ClientSampleId :

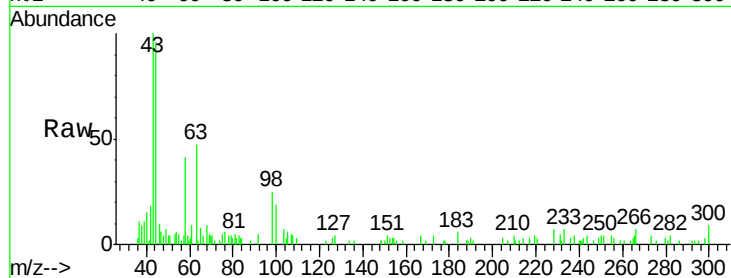
C0AG7

Tgt Ion: 43 Resp: 6838

Ion Ratio Lower Upper

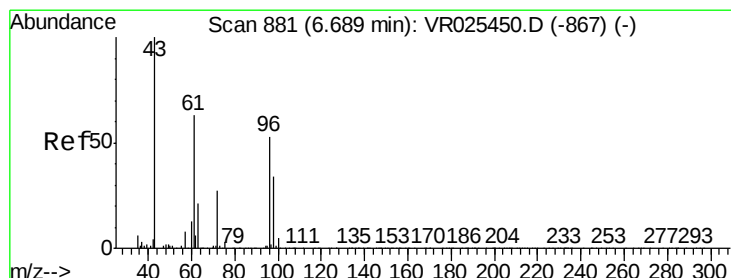
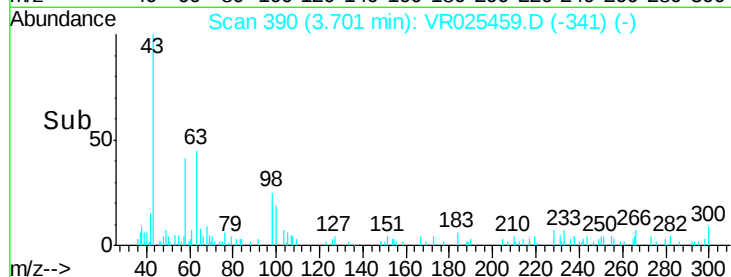
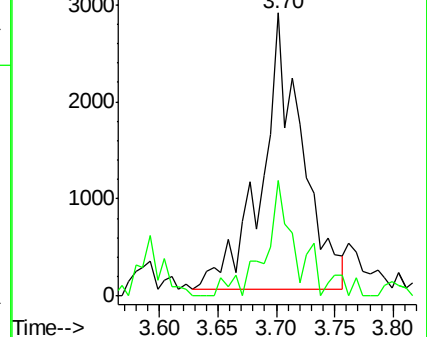
43 100

58 25.6 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 0.383 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.01 min

Lab File: VR025459.D

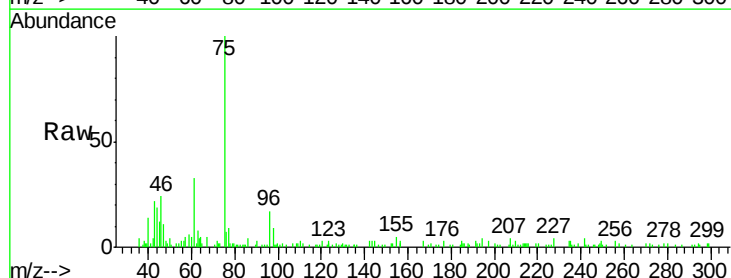
Acq: 12 Jul 2018 19:12

Tgt Ion: 43 Resp: 2555

Ion Ratio Lower Upper

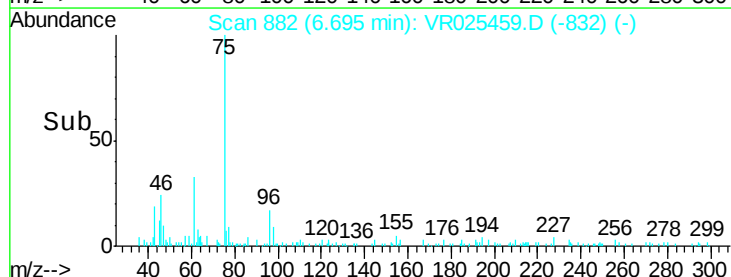
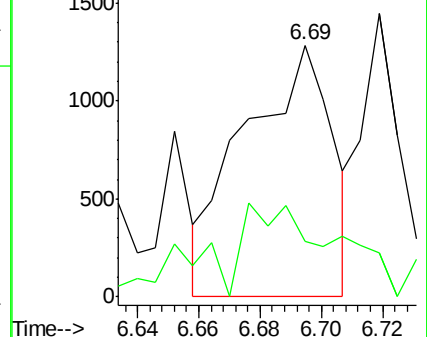
43 100

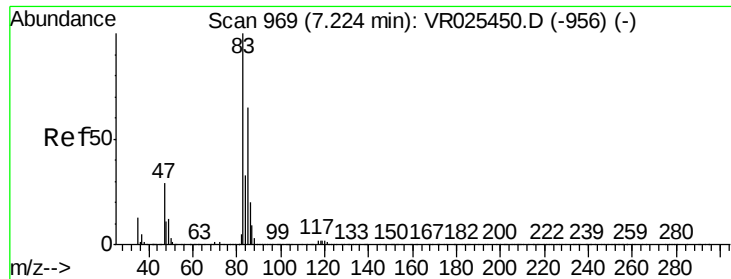
72 26.3 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

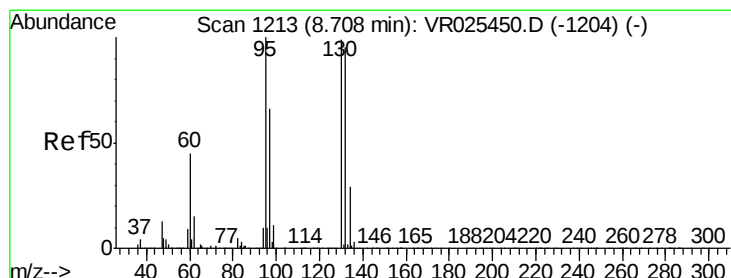
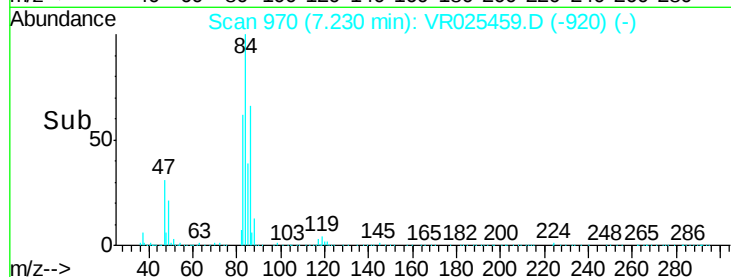
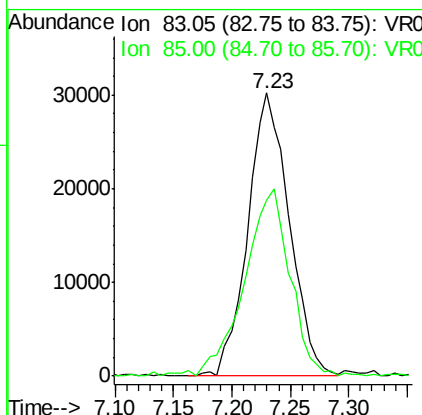
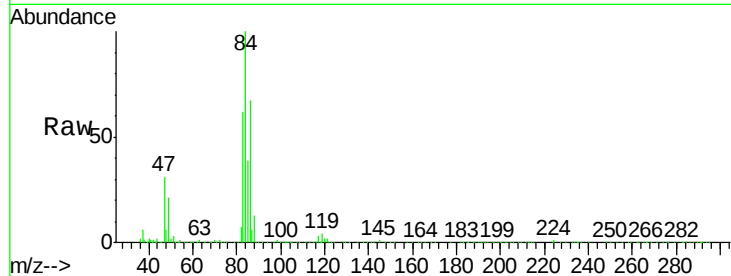




#25
Chloroform
Concen: 0.820 ug/L
RT: 7.23 min Scan# 970
Delta R.T. 0.01 min
Lab File: VR025459.D
Acq: 12 Jul 2018 19:12

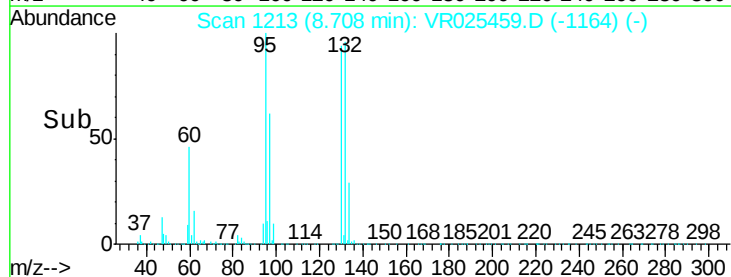
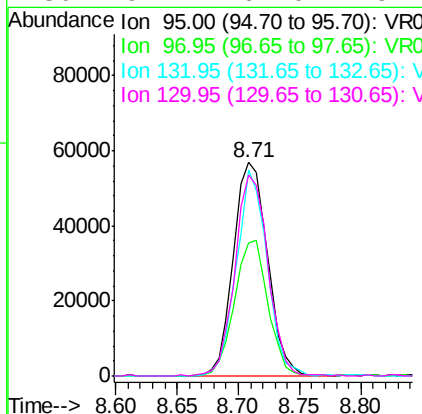
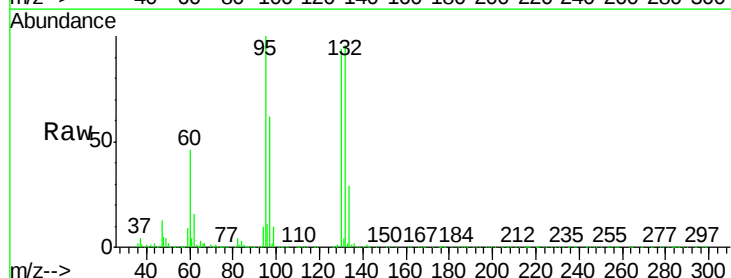
Instrument :
MSVOA_R
ClientSampleId :
C0AG7

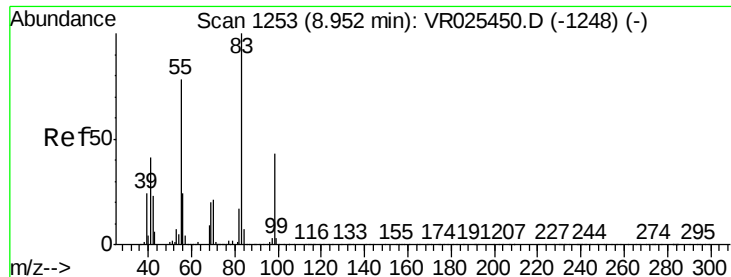
Tgt Ion: 83 Resp: 74547
Ion Ratio Lower Upper
83 100
85 62.2 45.4 84.4



#34
Trichloroethene
Concen: 2.111 ug/L
RT: 8.71 min Scan# 1213
Delta R.T. -0.00 min
Lab File: VR025459.D
Acq: 12 Jul 2018 19:12

Tgt Ion: 95 Resp: 110261
Ion Ratio Lower Upper
95 100
97 62.1 45.6 84.6
132 96.3 60.9 113.1
130 94.2 62.0 115.2

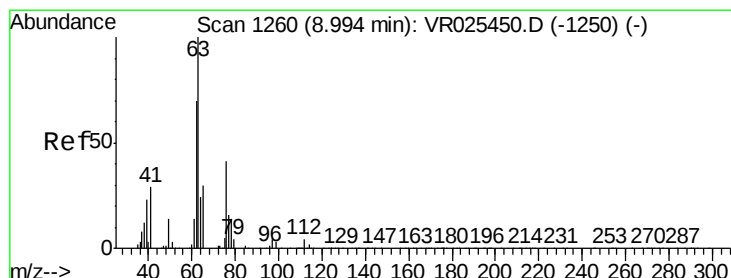
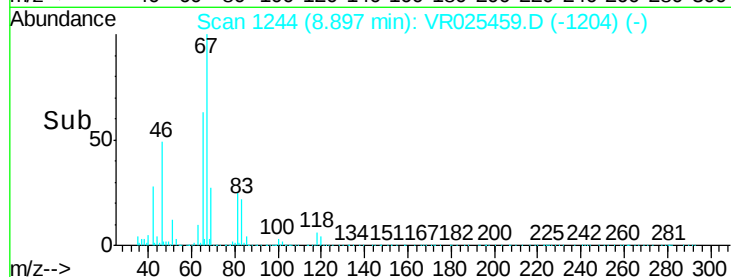
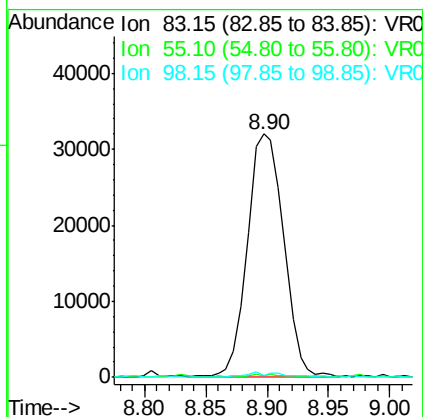
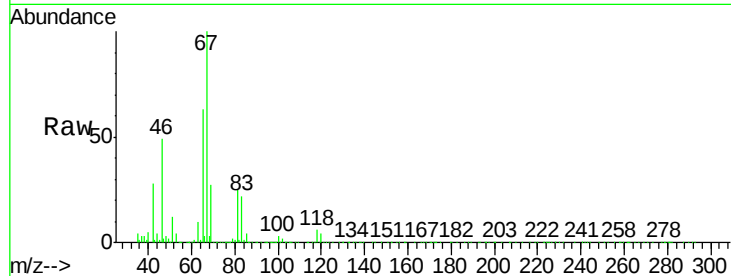




#35
Methylcyclohexane
Concen: 0.949 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.05 min
Lab File: VR025459.D
Acq: 12 Jul 2018 19:12

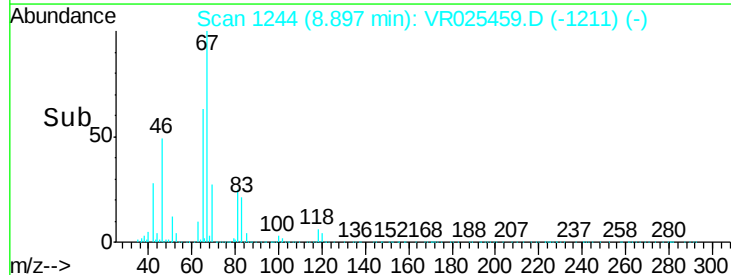
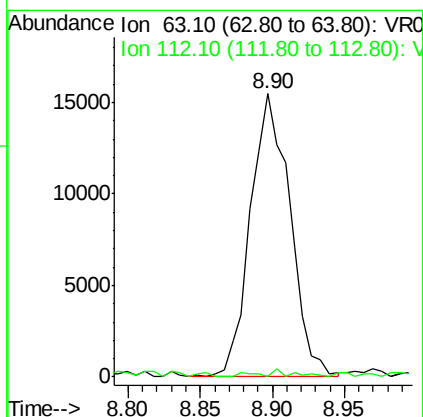
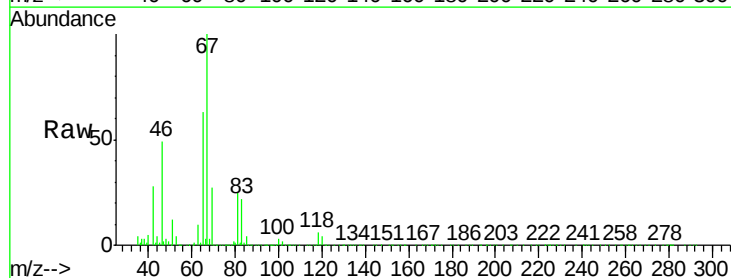
Instrument :
MSVOA_R
ClientSampleId :
C0AG7

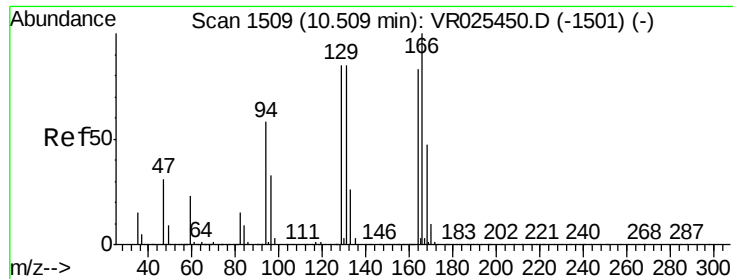
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.3	66.1	99.1#
98	2.1	36.2	54.4#



#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025459.D
Acq: 12 Jul 2018 19:12

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.0	2.9	4.3#

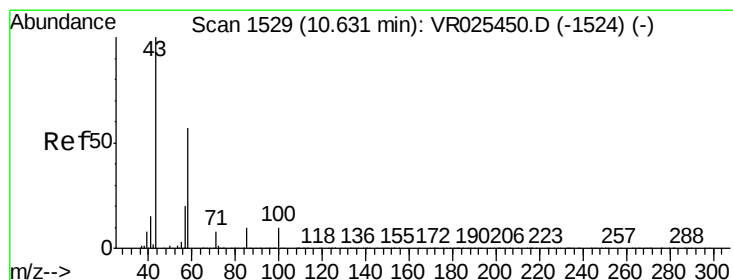
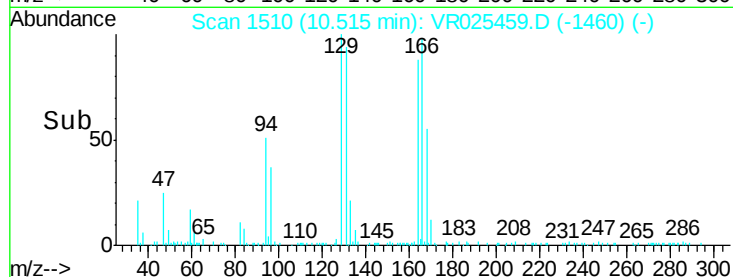
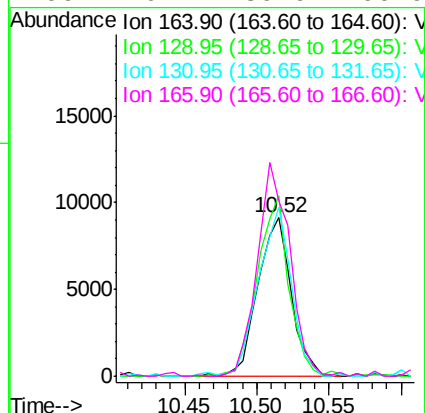
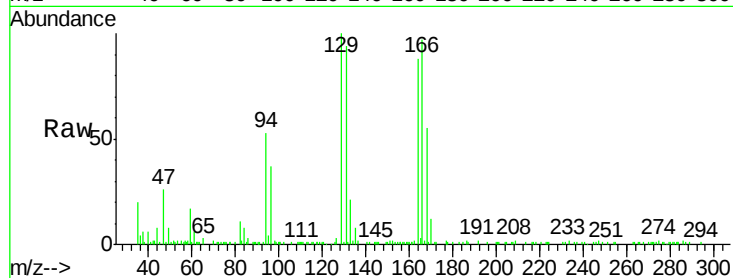




#47
Tetrachloroethene
Concen: 0.426 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VR025459.D
Acq: 12 Jul 2018 19:12

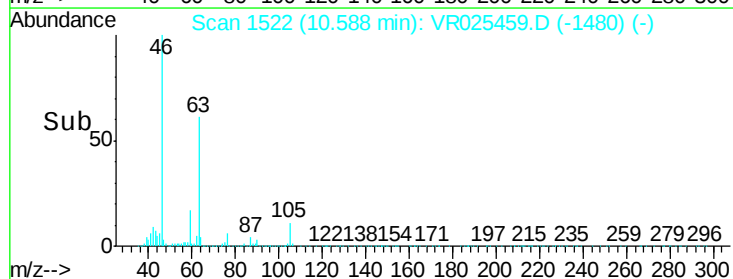
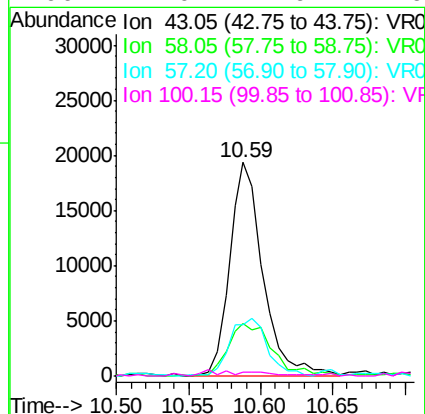
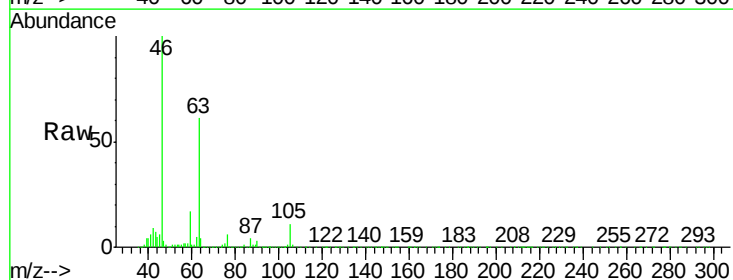
Instrument :
MSVOA_R
ClientSampleId :
C0AG7

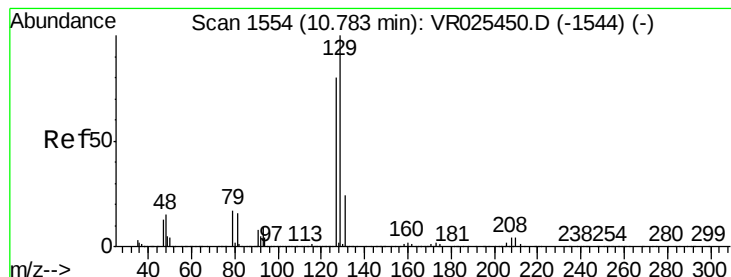
Tgt Ion:164 Resp: 14530
Ion Ratio Lower Upper
164 100
129 113.9 68.1 126.5
131 106.8 68.5 127.1
166 110.2 89.9 166.9



#48
2-Hexanone
Concen: 3.277 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.04 min
Lab File: VR025459.D
Acq: 12 Jul 2018 19:12

Tgt Ion: 43 Resp: 31150
Ion Ratio Lower Upper
43 100
58 33.8 43.1 64.7#
57 30.2 15.3 22.9#
100 1.0 7.9 11.9#





#49

Dibromochloromethane

Concen: 0.544 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. -0.27 min

Lab File: VR025459.D

Acq: 12 Jul 2018 19:12

Instrument :

MSVOA_R

ClientSampleId :

C0AG7

Tgt Ion:129 Resp: 13253

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#

