

Data File : VR025644.D
Acq On : 24 Aug 2018 20:15
Operator : SY/MD
Sample : J4643-04
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
H0K13

Quant Time: Aug 24 23:07:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 24 23:05:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	507999	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	414300	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	132637	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	131661	3.98	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	2.62	69	126063	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	3.62	63	243740	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	6.60	46	174830	69.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.78%#
24) Chloroform-d	7.20	84	251225	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	7.89	65	91041	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	7.86	84	598358	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	8.90	67	168884	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	9.97	98	523647	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	10.24	79	33580	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	10.59	63	167149	62.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.38%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72215	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	117517	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

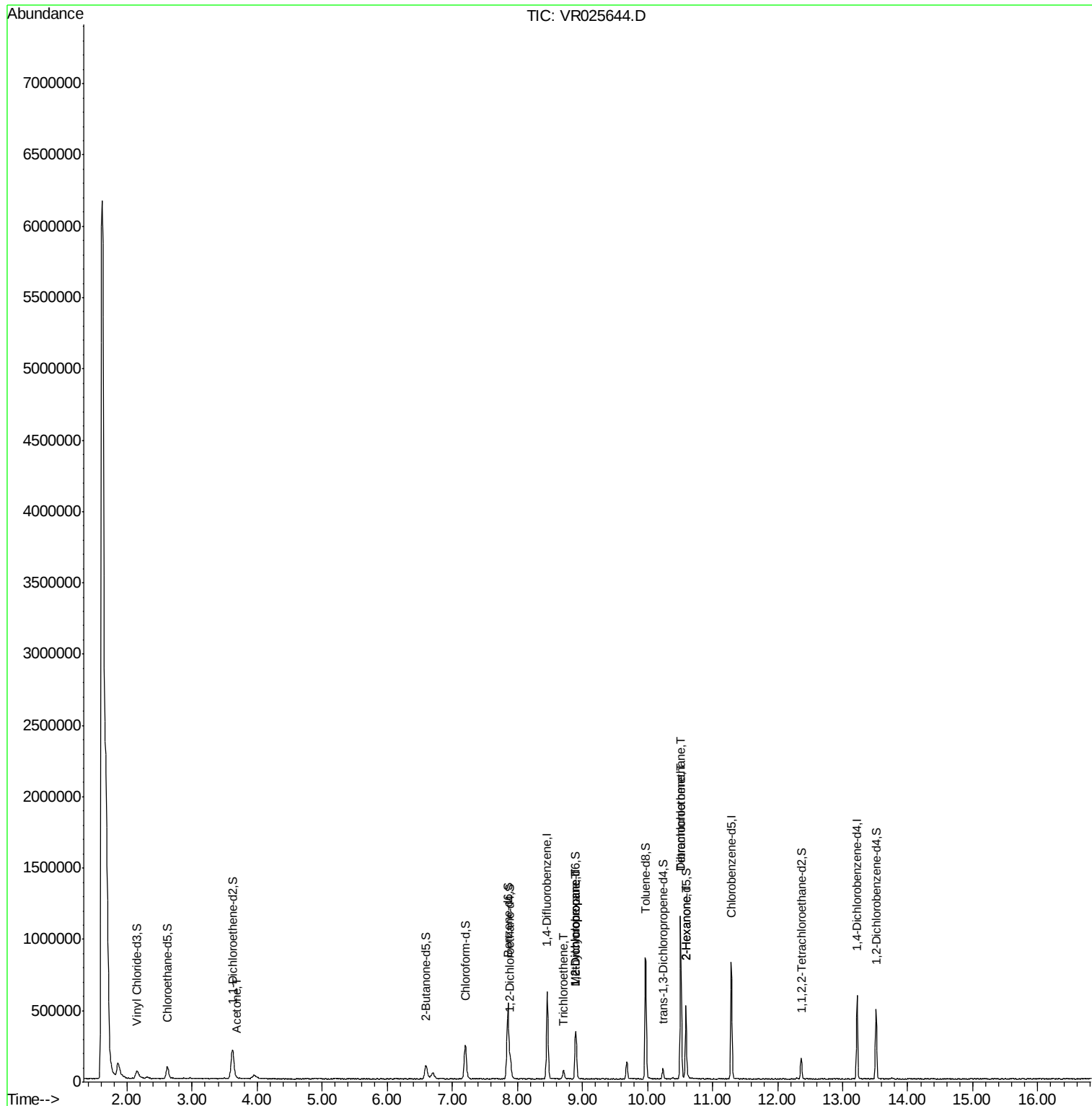
						Qvalue
13) Acetone	3.69	43	2058	1.311	ug/L	73
34) Trichloroethene	8.71	95	19842	0.573	ug/L	91
35) Methylcyclohexane	8.90	83	38377	0.681	ug/L #	22
37) 1,2-Dichloropropane	8.90	63	16933	0.510	ug/L #	94
47) Tetrachloroethene	10.51	164	241058	9.096	ug/L	98
48) 2-Hexanone	10.59	43	17148	3.058	ug/L #	67
49) Dibromochloromethane	10.51	129	210183	13.310	ug/L #	13

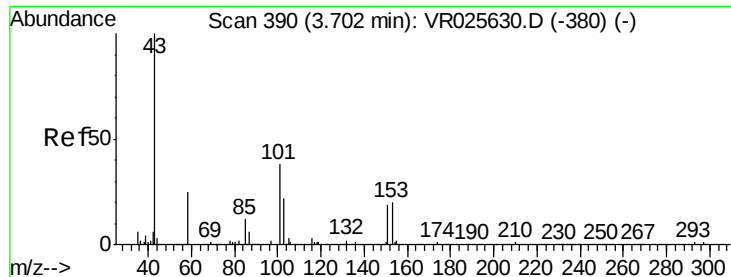
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.311 ug/L

RT: 3.69 min Scan# 388

Delta R.T. -0.01 min

Lab File: VR025644.D

Acq: 24 Aug 2018 20:15

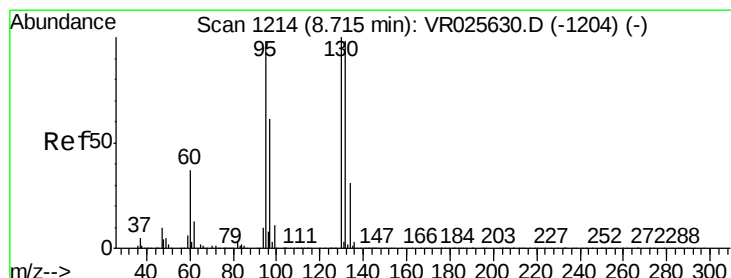
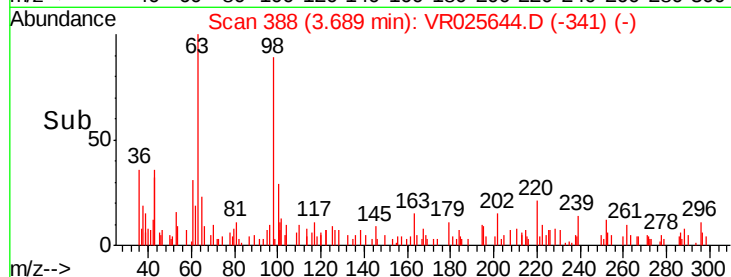
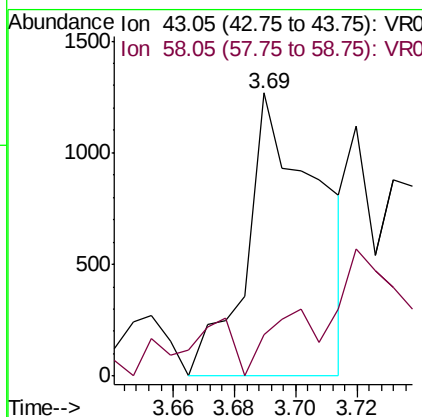
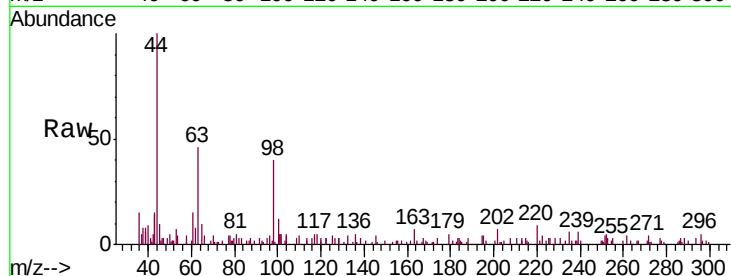
Instrument :
MSVOA_R
ClientSampled :
H0K13

Tgt Ion: 43 Resp: 2058

Ion Ratio Lower Upper

43 100

58 16.5 0.0 63.4



#34

Trichloroethene

Concen: 0.573 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.01 min

Lab File: VR025644.D

Acq: 24 Aug 2018 20:15

Tgt Ion: 95 Resp: 19842

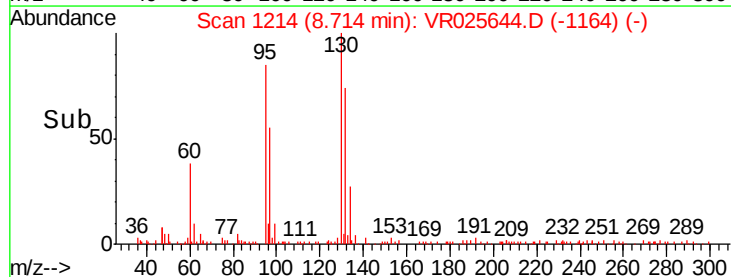
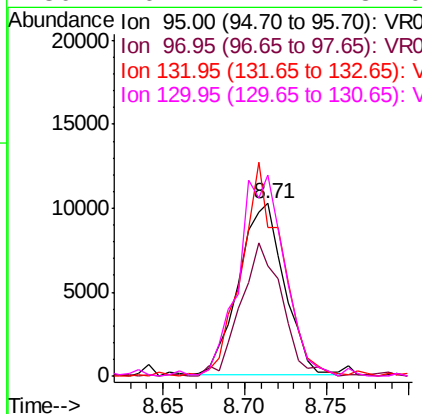
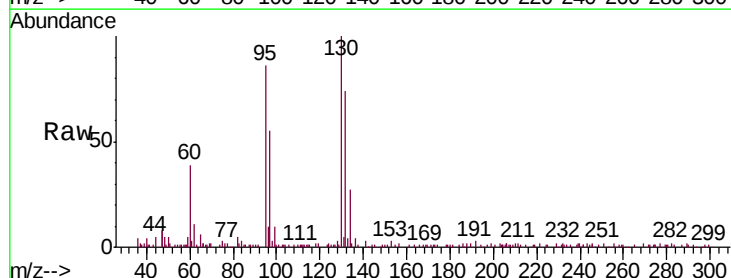
Ion Ratio Lower Upper

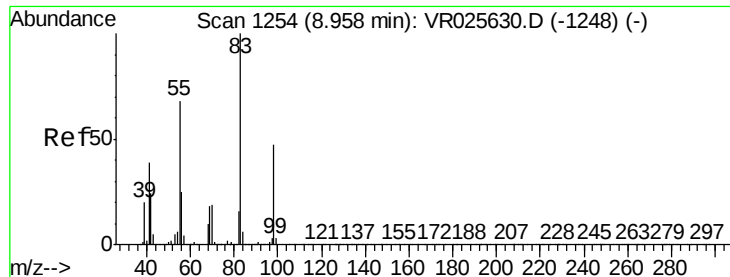
95 100

97 63.7 45.7 84.9

132 85.9 66.6 123.6

130 116.7 72.2 134.0





#35

Methylcyclohexane

Concen: 0.681 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025644.D

Acq: 24 Aug 2018 20:15

Instrument :

MSVOA_R

ClientSampleId :

H0K13

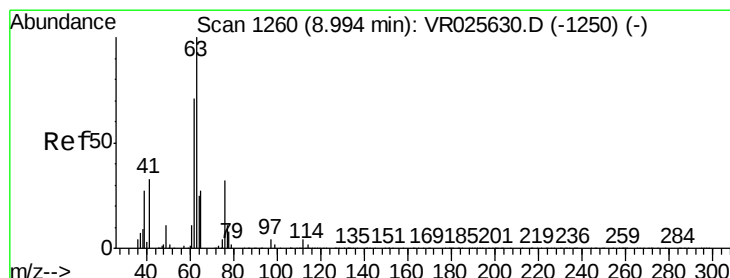
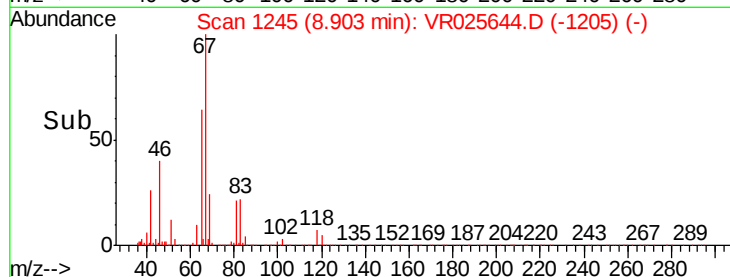
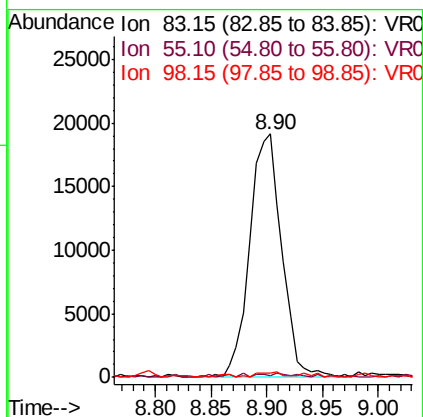
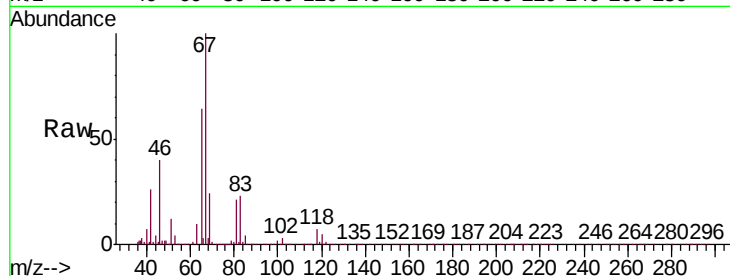
Tgt Ion: 83 Resp: 38377

Ion Ratio Lower Upper

83 100

55 0.6 56.7 85.1#

98 1.8 35.8 53.8#



#37

1,2-Dichloropropane

Concen: 0.510 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025644.D

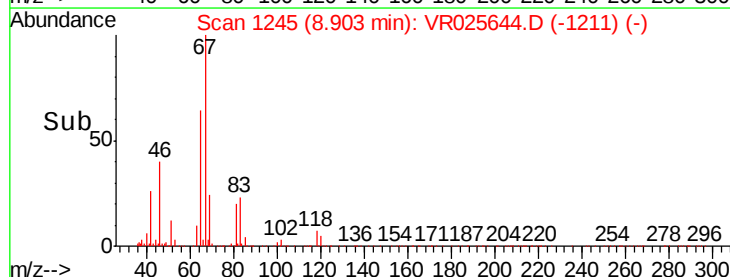
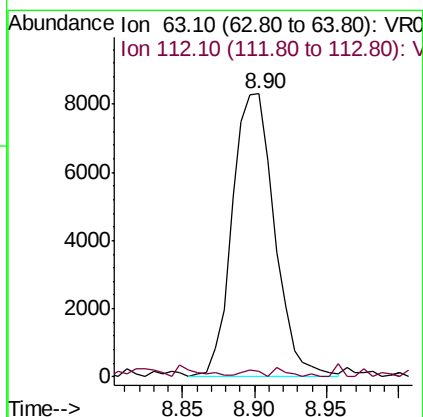
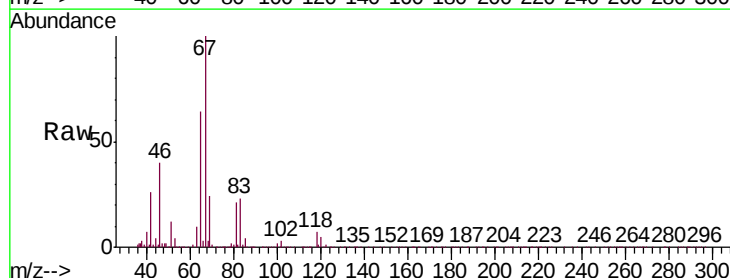
Acq: 24 Aug 2018 20:15

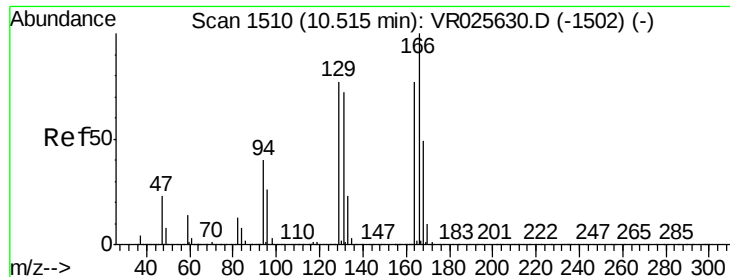
Tgt Ion: 63 Resp: 16933

Ion Ratio Lower Upper

63 100

112 1.0 2.5 3.7#

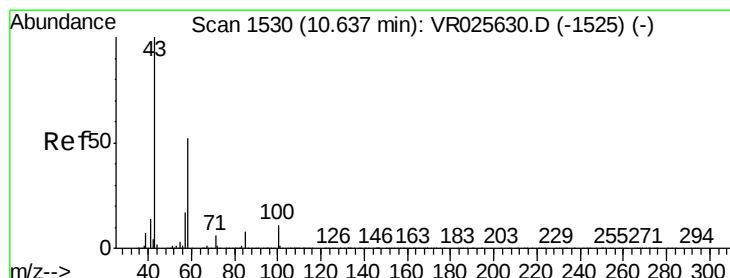
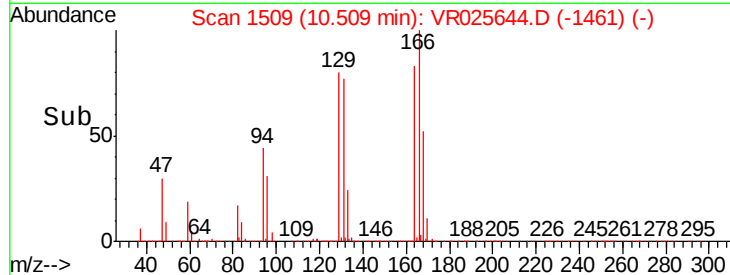
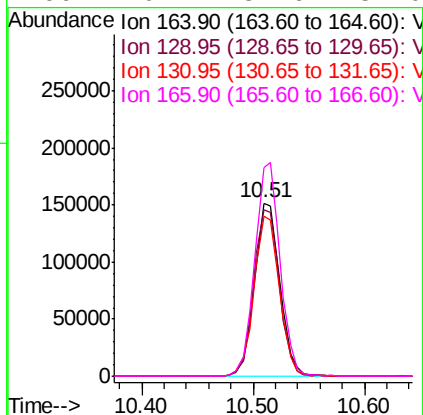
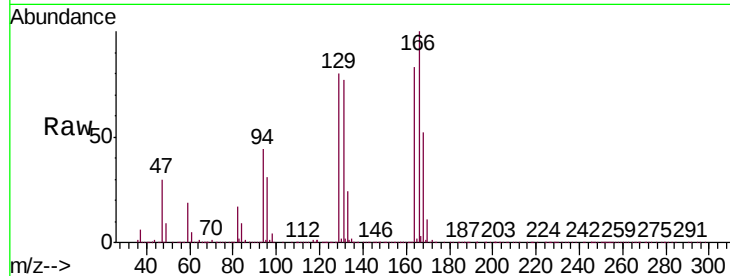




#47
Tetrachloroethene
Concen: 9.096 ug/L
RT: 10.51 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VR025644.D
Acq: 24 Aug 2018 20:15

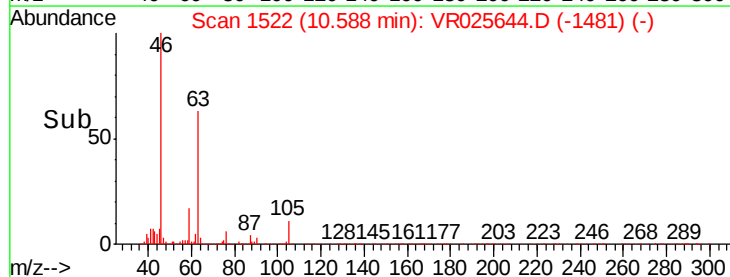
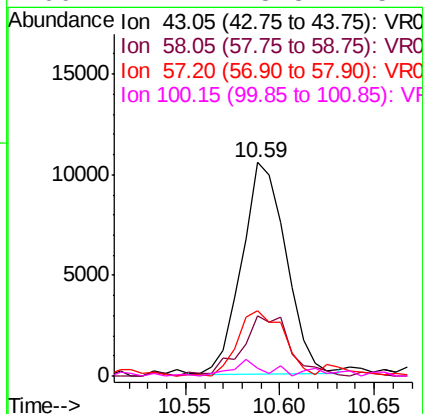
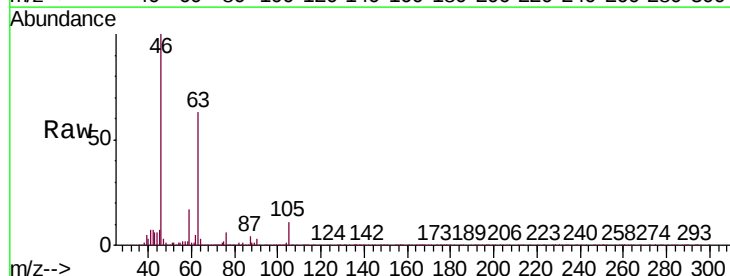
Instrument :
MSVOA_R
ClientSampleId :
H0K13

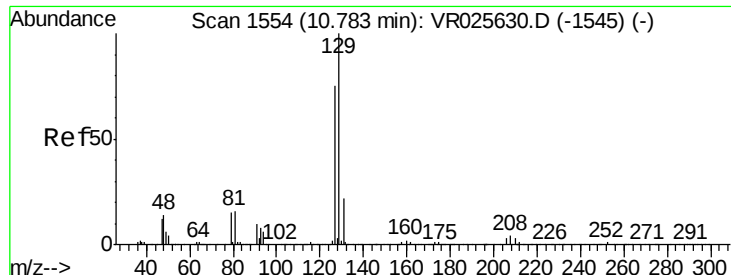
Tgt Ion:	164	Resp:	241058
Ion	Ratio	Lower	Upper
164	100		
129	95.8	68.7	127.5
131	92.8	66.4	123.4
166	120.4	84.6	157.0



#48
2-Hexanone
Concen: 3.058 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025644.D
Acq: 24 Aug 2018 20:15

Tgt Ion:	43	Resp:	17148
Ion	Ratio	Lower	Upper
43	100		
58	31.1	46.4	69.6#
57	32.3	14.3	21.5#
100	4.7	8.8	13.2#





#49

Dibromochloromethane

Concen: 13.310 ug/L

RT: 10.51 min Scan# 1509

Delta R.T. -0.27 min

Lab File: VR025644.D

Acq: 24 Aug 2018 20:15

Instrument :

MSVOA_R

ClientSampleId :

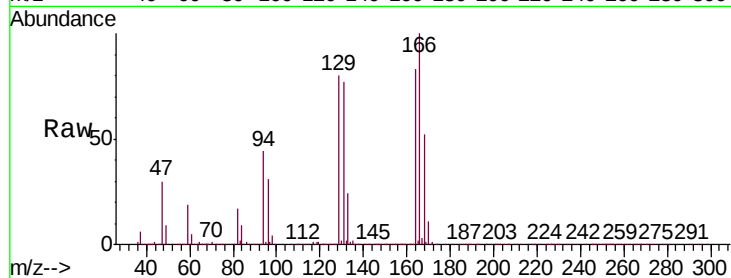
H0K13

Tgt Ion:129 Resp: 210183

Ion Ratio Lower Upper

129 100

127 0.2 51.6 95.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

