

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100218\
 Data File : VR025932.D
 Acq On : 2 Oct 2018 17:29
 Operator : SY/MD
 Sample : J5160-14
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 03 02:55:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 03 02:53:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	436180	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	366528	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	121502	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	142215	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	2.63	69	133721	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	3.63	63	291609	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	6.59	46	228336	59.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.10%
24) Chloroform-d	7.20	84	279122	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	7.90	65	132475	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	7.85	84	531000	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	8.90	67	154199	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	9.97	98	459043	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	10.23	79	32062	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	10.59	63	167725	58.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.88%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67431	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	92614	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

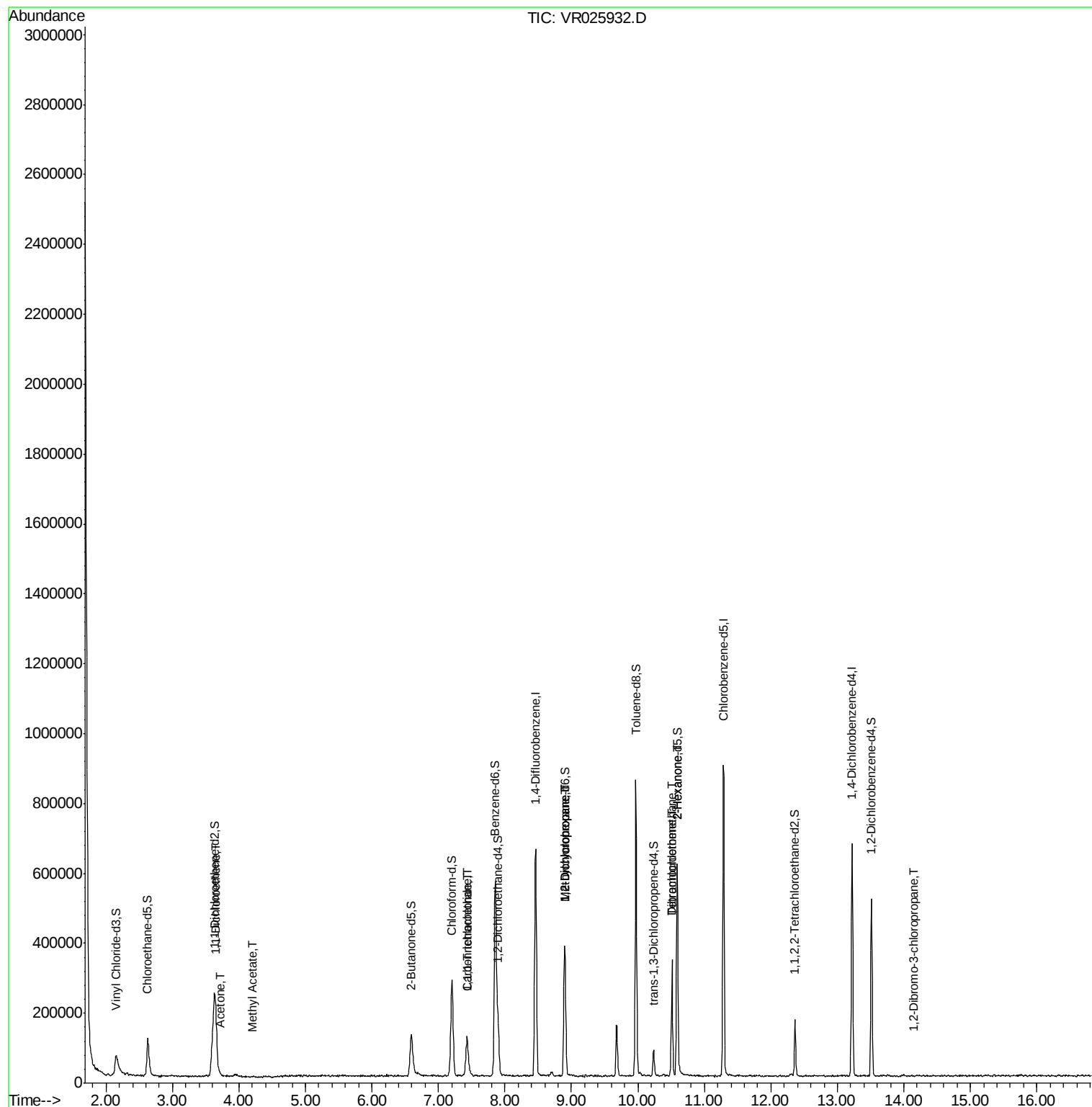
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	3.65	96	51509	1.564	ug/L #	19
13) Acetone	3.71	43	4413	1.588	ug/L	79
15) Methyl Acetate	4.20	43	747	0.097	ug/L #	81
29) 1,1,1-Trichloroethane	7.43	97	93080	2.258	ug/L	95
31) Carbon tetrachloride	7.43	117	10215	0.286	ug/L	93
35) Methylcyclohexane	8.89	83	36005	0.739	ug/L #	15
37) 1,2-Dichloropropane	8.90	63	21016	0.797	ug/L #	93
47) Tetrachloroethene	10.51	164	51823	2.596	ug/L	94
48) 2-Hexanone	10.59	43	27102	4.464	ug/L #	70
49) Dibromochloromethane	10.51	129	44377	3.666	ug/L #	12
66) 1,2-Dibromo-3-chloropropan	14.14	75	460	0.383	ug/L #	49

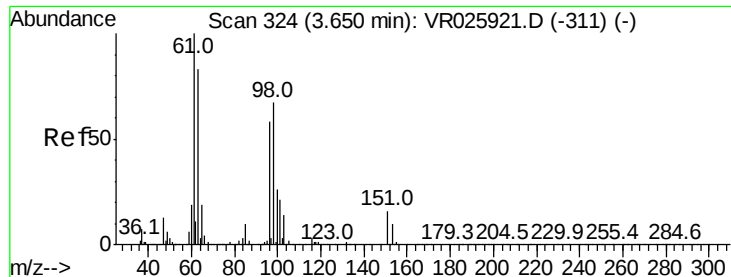
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 03 02:53:45 2018
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#12

1,1-Dichloroethene

Concen: 1.564 ug/L

RT: 3.65 min Scan# 324

Delta R.T. 0.00 min

Lab File: VR025932.D

Acq: 2 Oct 2018 17:29

Instrument :
MSVOA_R
ClientSampled :

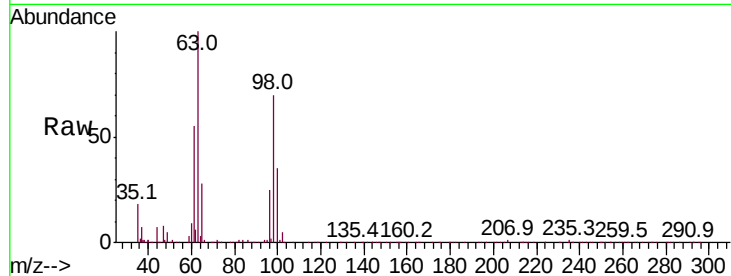
Tot Ion: 96 Resp: 51509

Ion Ratio Lower Upper

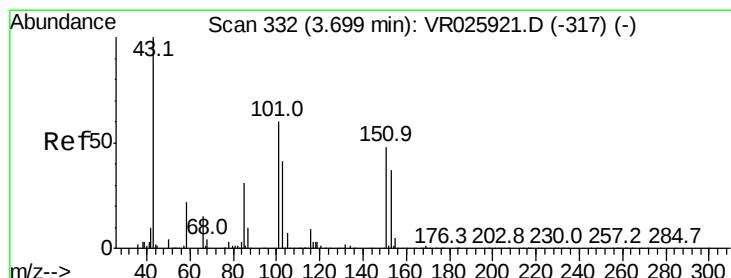
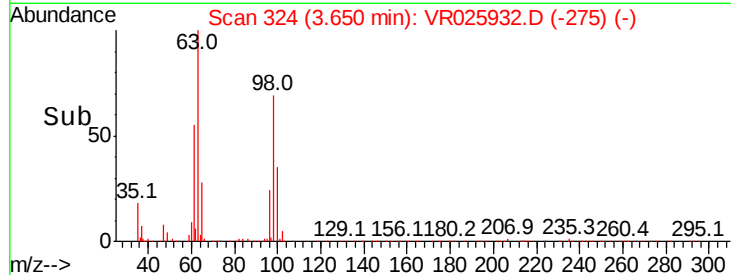
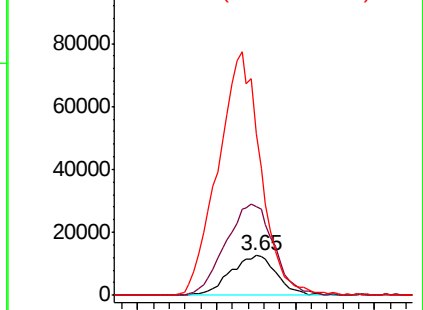
96 100

61 223.4 145.0 269.4

63 407.0 123.8 230.0#



Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 63.00 (62.70 to 63.70): VR0



#13

Acetone

Concen: 1.588 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.01 min

Lab File: VR025932.D

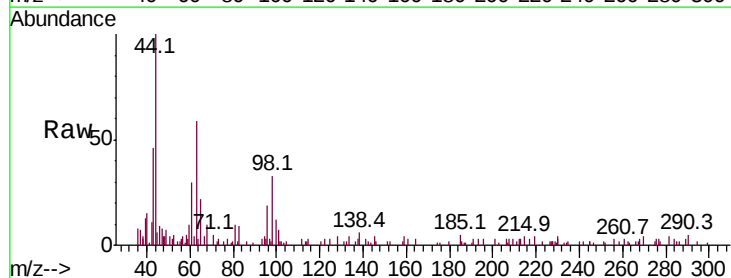
Acq: 2 Oct 2018 17:29

Tgt Ion: 43 Resp: 4413

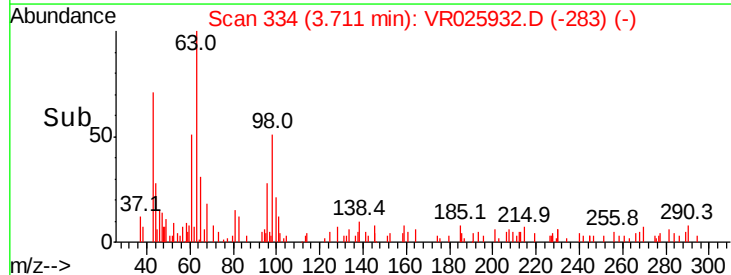
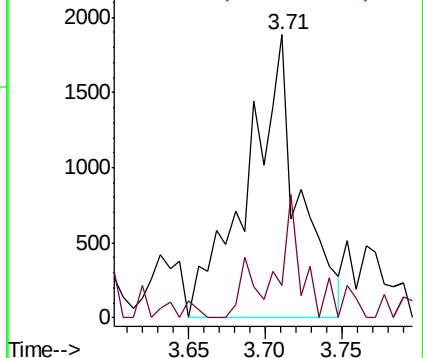
Ion Ratio Lower Upper

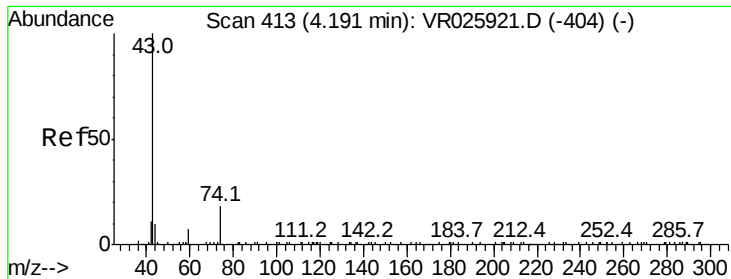
43 100

58 15.2 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 58.05 (57.75 to 58.75): VR0

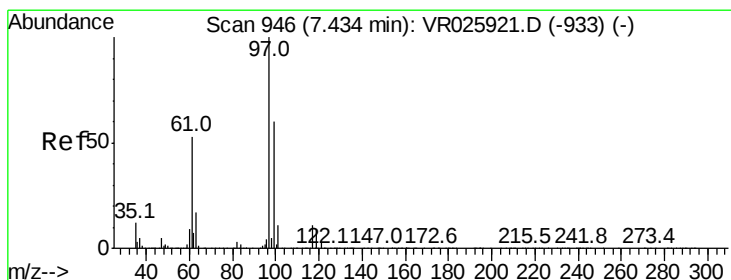
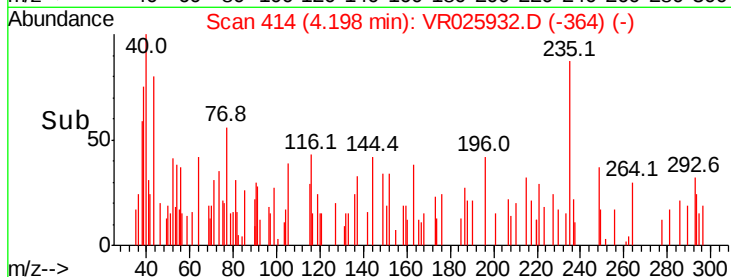
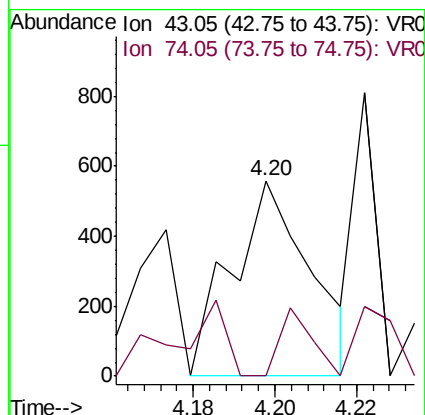
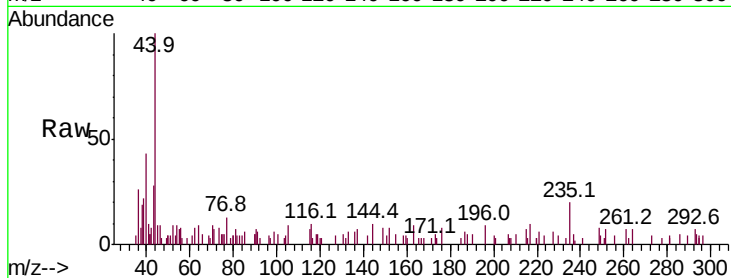




#15
Methvl Acetate
Concen: 0.097 ug/L
RT: 4.20 min Scan# 414
Delta R.T. 0.01 min
Lab File: VR025932.D
Acq: 2 Oct 2018 17:29

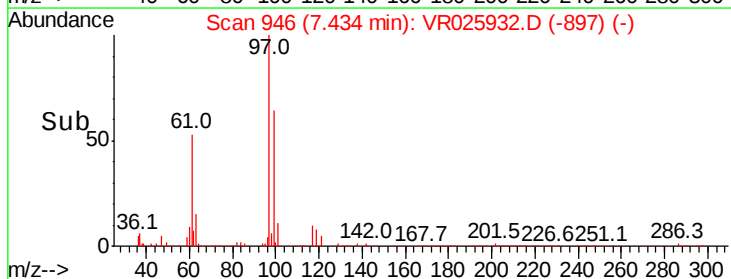
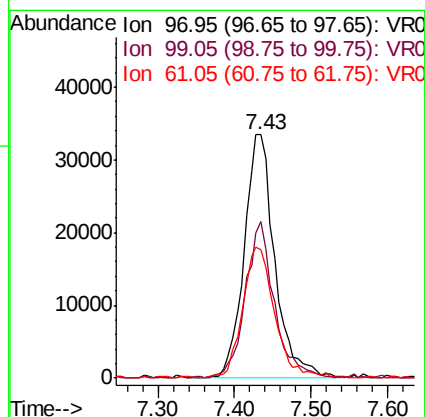
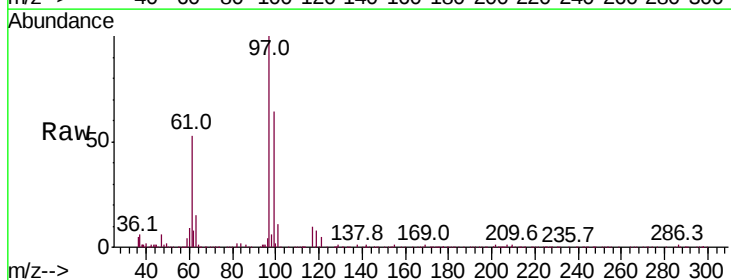
Instrument :
MSVOA_R
ClientSampled :

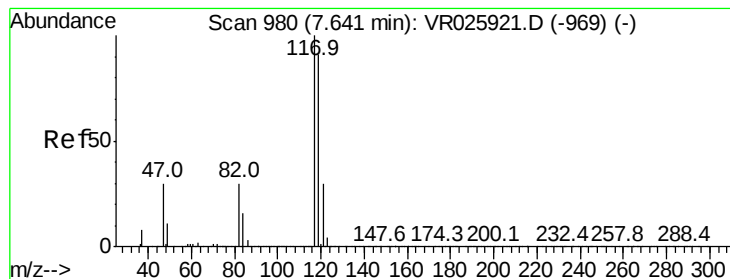
Tot Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
74 14.2 19.0 28.4#



#29
1,1,1-Trichloroethane
Concen: 2.258 ug/L
RT: 7.43 min Scan# 946
Delta R.T. 0.00 min
Lab File: VR025932.D
Acq: 2 Oct 2018 17:29

Tgt Ion: 97 Resp: 93080
Ion Ratio Lower Upper
97 100
99 60.9 51.0 76.6
61 56.5 41.6 62.4





#31

Carbon tetrachloride

Concen: 0.286 ug/L

RT: 7.43 min Scan# 945

Delta R.T. -0.21 min

Lab File: VR025932.D

Acq: 2 Oct 2018 17:29

Instrument :

MSVOA_R

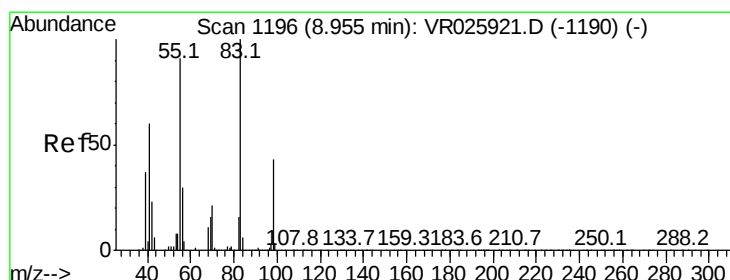
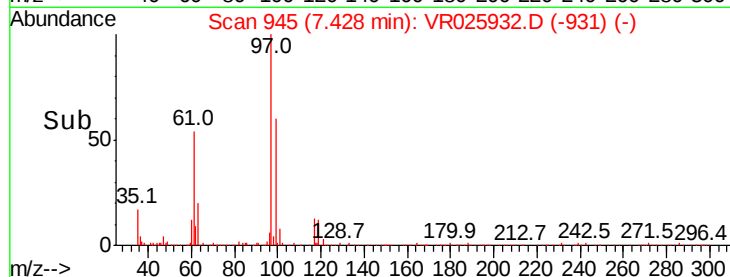
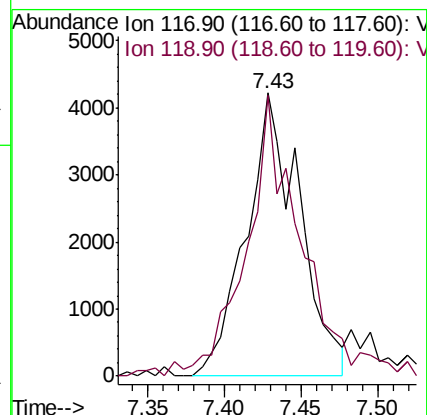
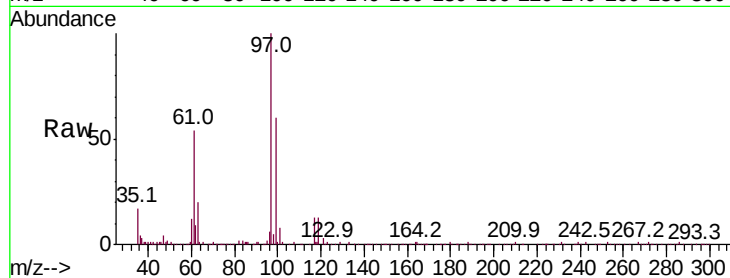
ClientSampleId :

Tot Ion:117 Resp: 10215

Ion Ratio Lower Upper

117 100

119 101.6 75.6 113.4



#35

Methylcyclohexane

Concen: 0.739 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR025932.D

Acq: 2 Oct 2018 17:29

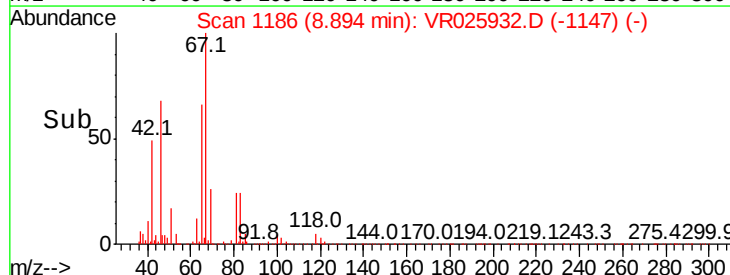
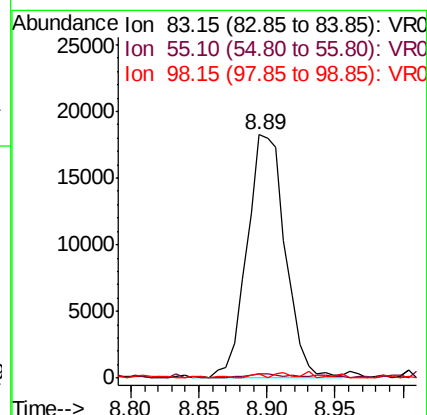
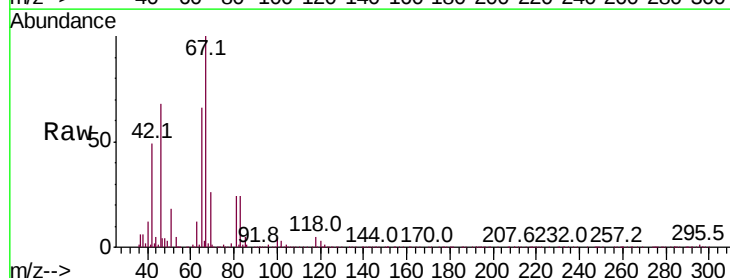
Tgt Ion: 83 Resp: 36005

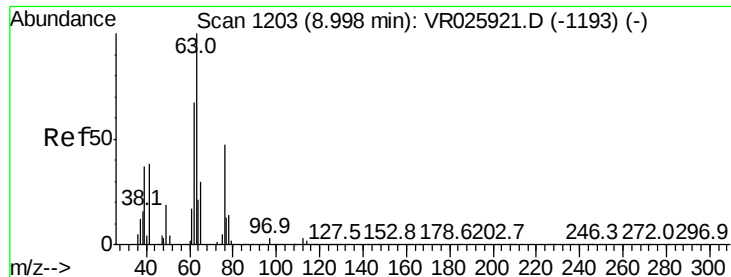
Ion Ratio Lower Upper

83 100

55 1.3 71.8 107.6#

98 0.5 34.2 51.4#





#37

1,2-Dichloropropane

Concen: 0.797 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

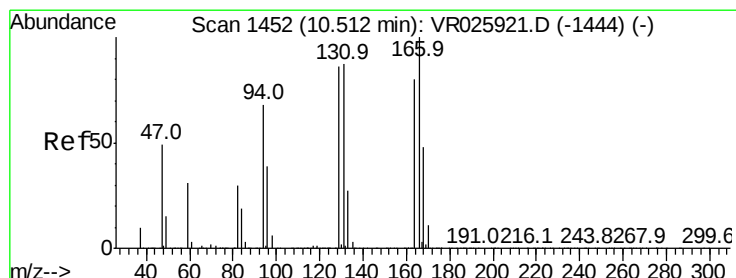
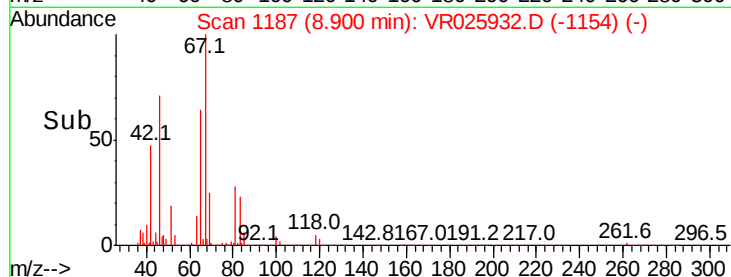
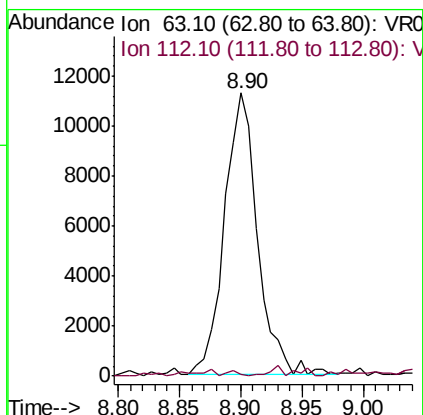
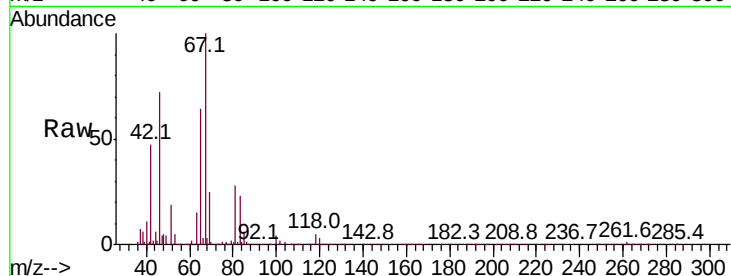
Lab File: VR025932.D

Acq: 2 Oct 2018 17:29

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 63 Resp: 21016

Ion	Ratio	Lower	Upper
63	100		
112	0.7	2.5	3.7#



#47

Tetrachloroethene

Concen: 2.596 ug/L

RT: 10.51 min Scan# 1452

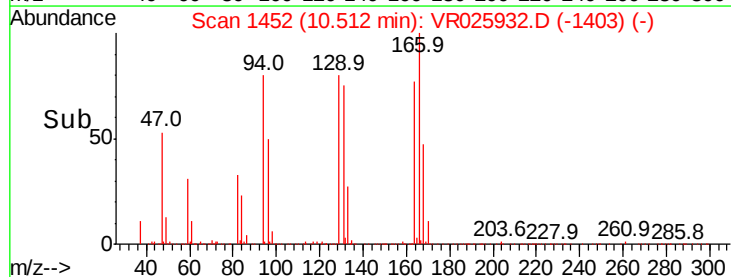
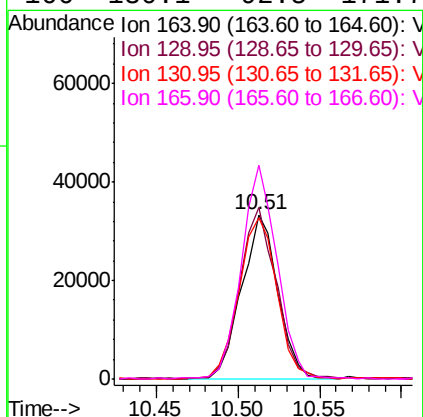
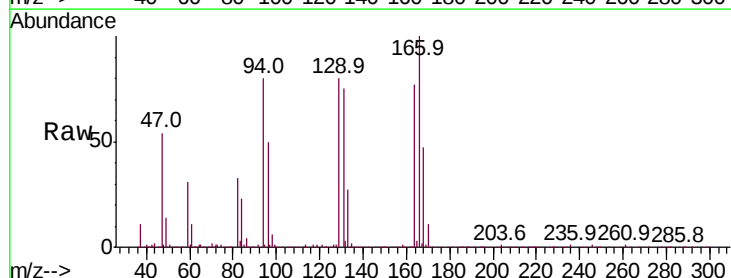
Delta R.T. 0.00 min

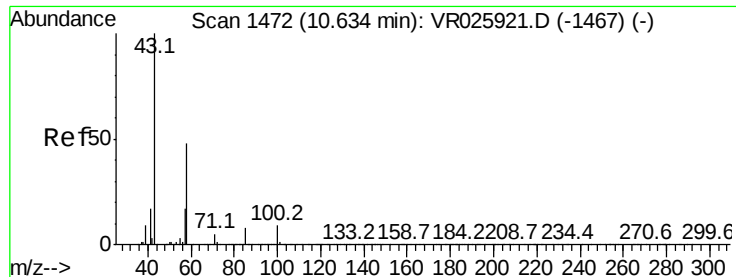
Lab File: VR025932.D

Acq: 2 Oct 2018 17:29

Tgt Ion:164 Resp: 51823

Ion	Ratio	Lower	Upper
164	100		
129	104.7	80.8	150.2
131	98.2	74.5	138.3
166	130.1	92.5	171.7

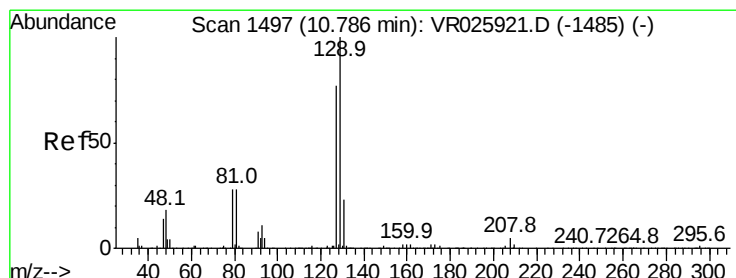
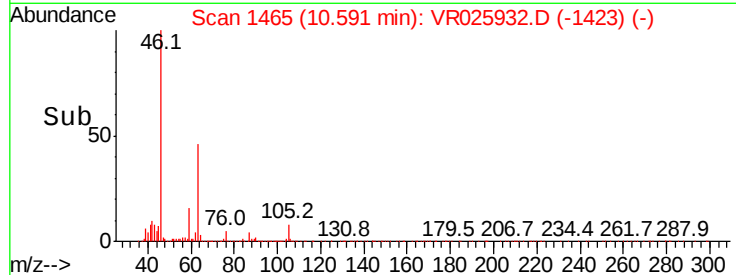
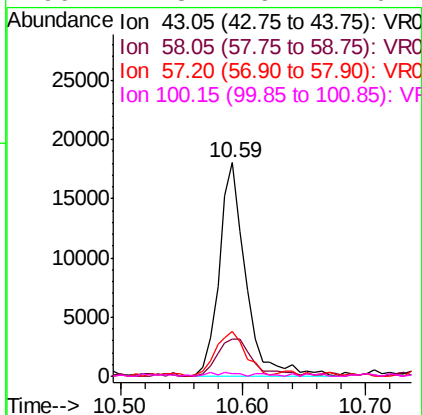
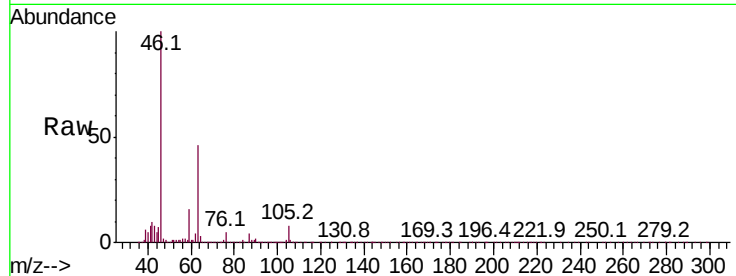




#48
2-Hexanone
Concen: 4.464 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025932.D
Acq: 2 Oct 2018 17:29

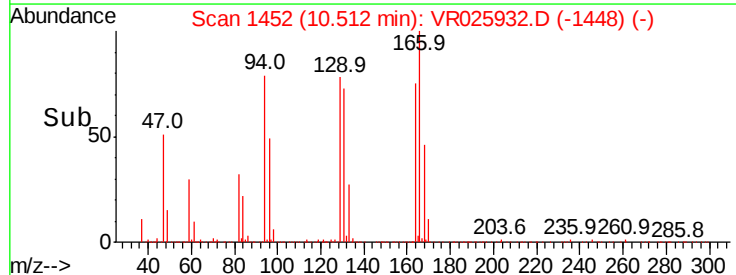
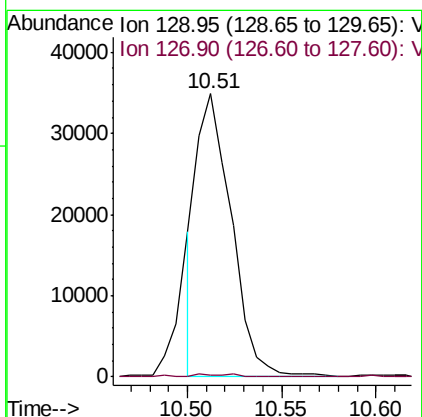
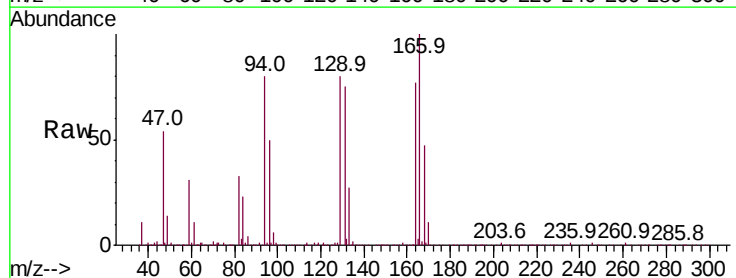
Instrument :
MSVOA_R
ClientSampleId :

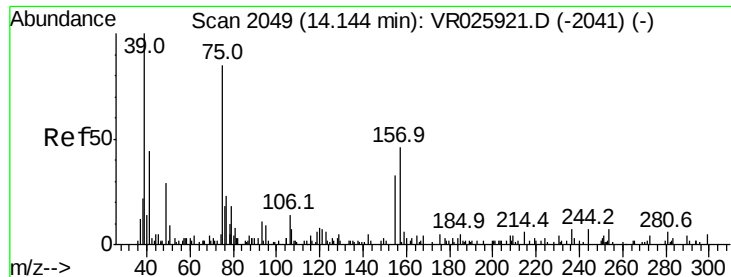
Tot Ion: 43 Resp: 27102
Ion Ratio Lower Upper
43 100
58 23.3 39.5 59.3#
57 23.8 14.6 21.8#
100 1.8 6.7 10.1#



#49
Dibromochloromethane
Concen: 3.666 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.27 min
Lab File: VR025932.D
Acq: 2 Oct 2018 17:29

Tgt Ion: 129 Resp: 44377
Ion Ratio Lower Upper
129 100
127 0.7 54.1 100.5#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.383 ug/L
 RT: 14.14 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VR025932.D
 Acq: 2 Oct 2018 17:29

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 75 Resp: 460
 Ion Ratio Lower Upper
 75 100
 155 39.5 37.8 56.6
 157 0.0 49.7 74.5#

