

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100518\
 Data File : VR025964.D
 Acq On : 5 Oct 2018 20:57
 Operator : SY/MD
 Sample : J5276-09
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 06 05:30:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 05:30:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	414849	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	340869	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	116419	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	115517	3.53	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	2.62	69	121679	4.55	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	3.63	63	208274	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	6.59	46	203451	55.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.56%
24) Chloroform-d	7.20	84	231648	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	7.90	65	109150	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	7.85	84	417444	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
36) 1,2-Dichloropropane-d6	8.90	67	126946	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	9.97	98	364689	3.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.40%#
43) trans-1,3-Dichloropropene-	10.24	79	28924	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	10.59	63	146730	55.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.90%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	58415	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	77807	4.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.40%

Target Compounds

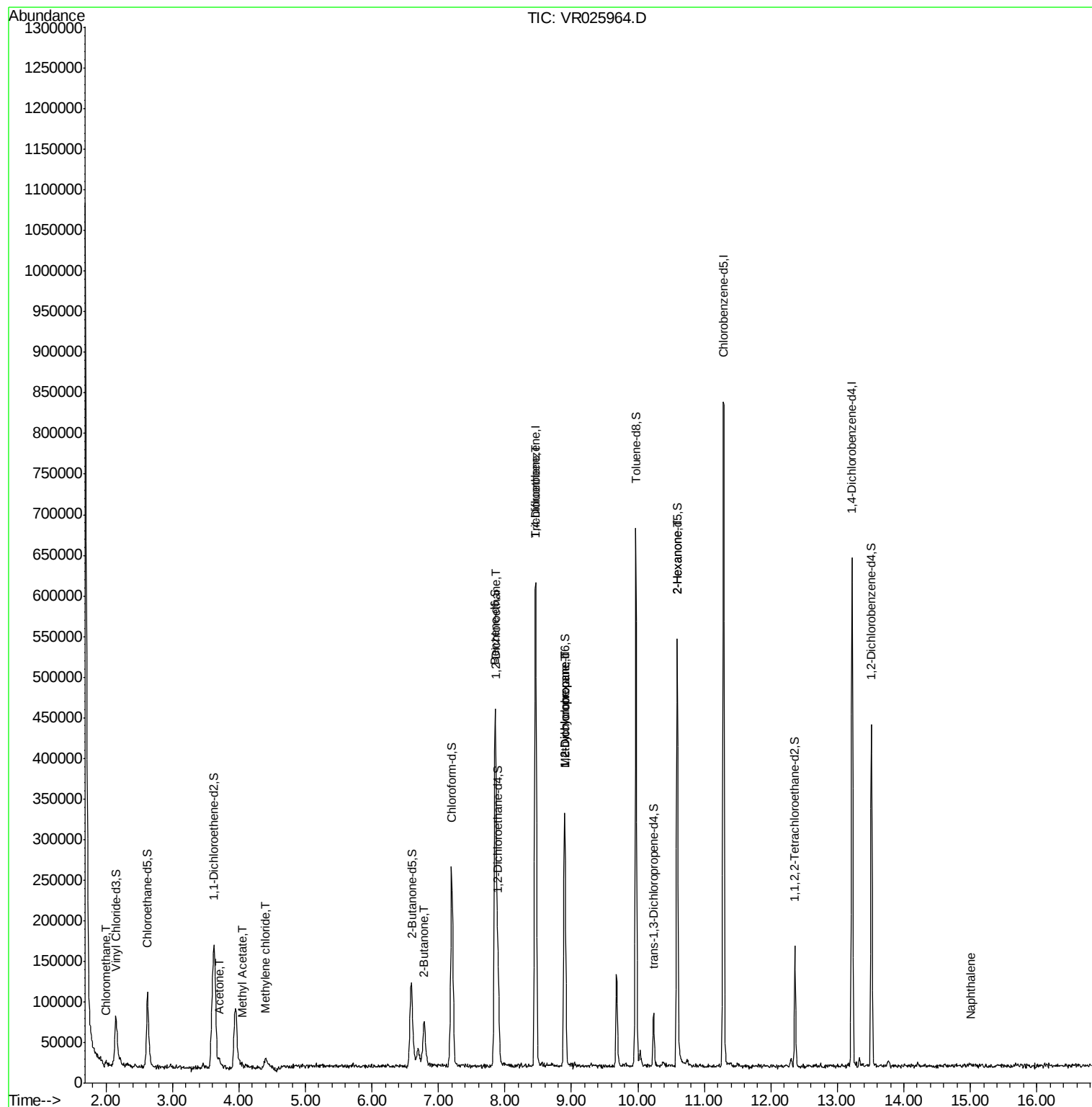
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.00	50	5497	0.153	ug/L #	82
13) Acetone	3.71	43	13926	5.268	ug/L	92
15) Methyl Acetate	4.05	43	2183	0.298	ug/L #	59
16) Methylene chloride	4.40	84	10723	0.372	ug/L	79
21) 2-Butanone	6.78	43	97108	26.709	ug/L #	52
27) 1,2-Dichloroethane	7.87	62	3754	0.151	ug/L	97
34) Trichloroethene	8.46	95	15283	0.507	ug/L #	14
35) Methylcyclohexane	8.90	83	29698	0.656	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	16795	0.685	ug/L #	97
48) 2-Hexanone	10.59	43	23191	4.107	ug/L #	74
69) Naphthalene	15.00	128	1836	0.111	ug/L #	79

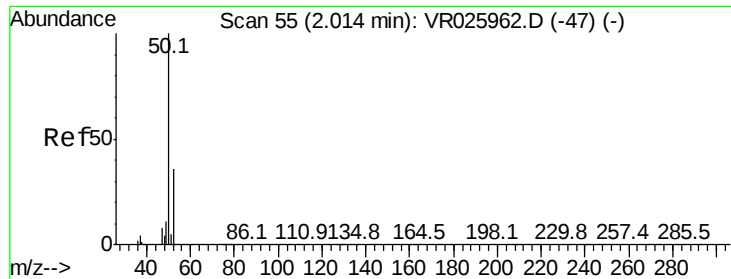
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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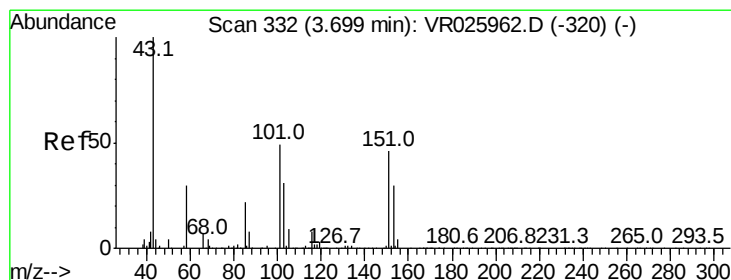
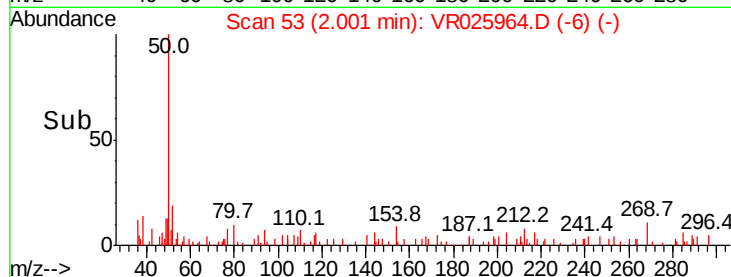
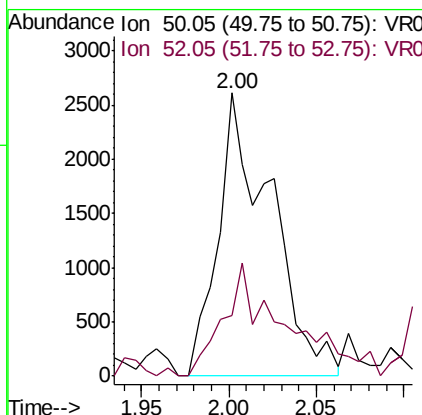
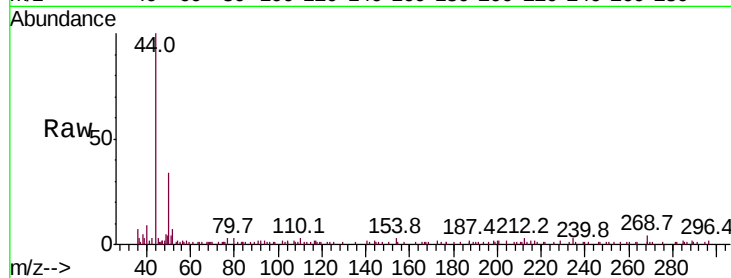




#3
Chloromethane
Concen: 0.153 ug/L
RT: 2.00 min Scan# 53
Delta R.T. -0.01 min
Lab File: VR025964.D
Acq: 5 Oct 2018 20:57

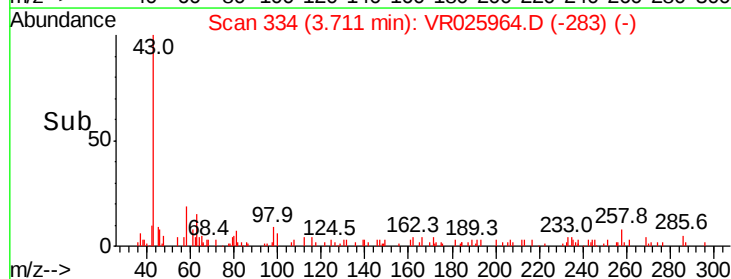
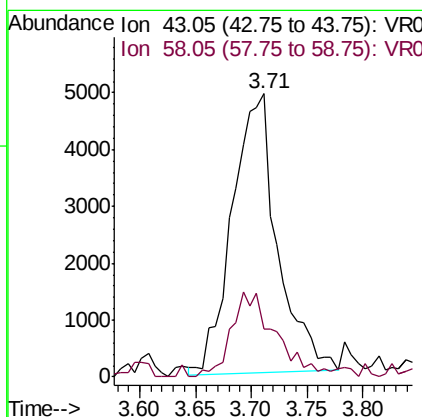
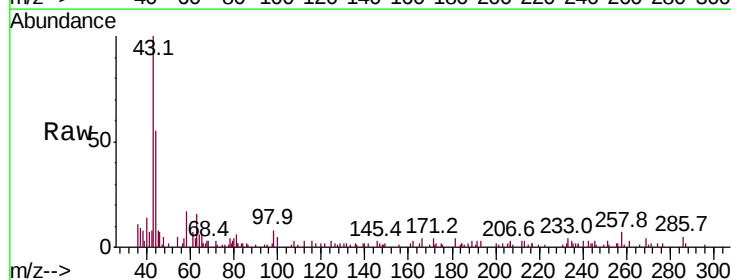
Instrument :
MSVOA_R
ClientSampled :

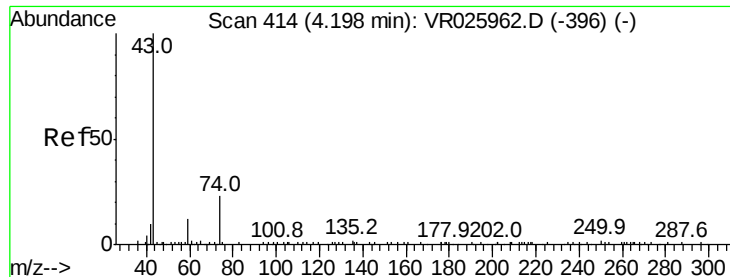
Tot Ion: 50 Resp: 5497
Ion Ratio Lower Upper
50 100
52 21.5 22.1 41.1#



#13
Acetone
Concen: 5.268 ug/L
RT: 3.71 min Scan# 334
Delta R.T. 0.01 min
Lab File: VR025964.D
Acq: 5 Oct 2018 20:57

Tgt Ion: 43 Resp: 13926
Ion Ratio Lower Upper
43 100
58 29.5 0.0 51.4

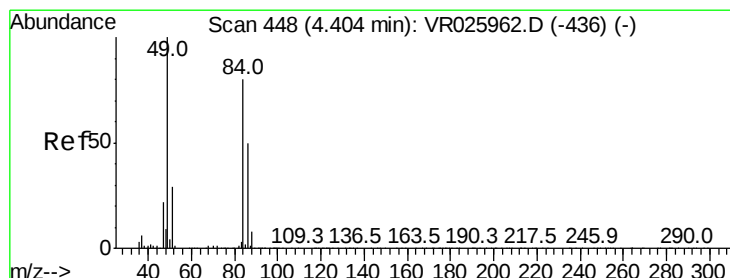
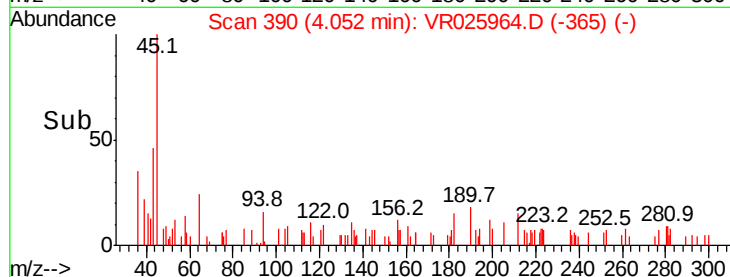
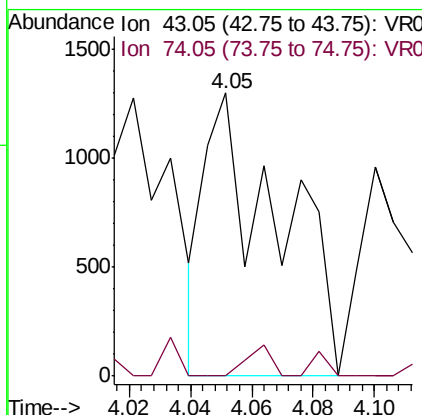
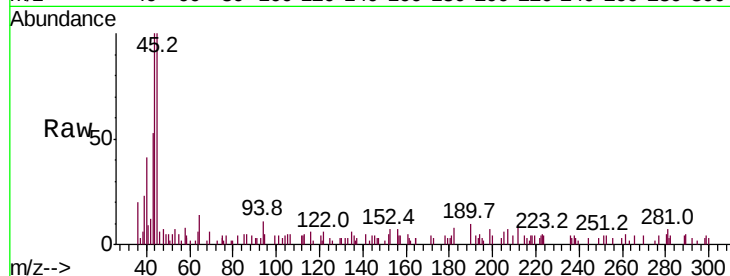




#15
Methyl Acetate
Concen: 0.298 ug/L
RT: 4.05 min Scan# 390
Delta R.T. -0.15 min
Lab File: VR025964.D
Acq: 5 Oct 2018 20:57

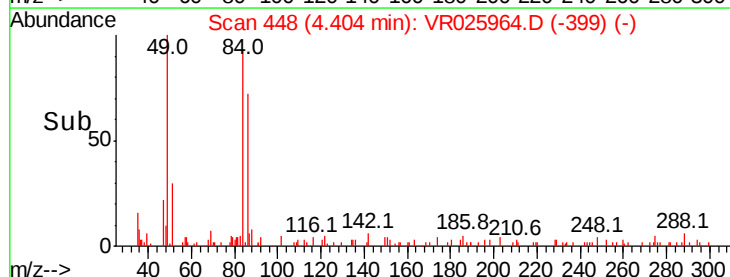
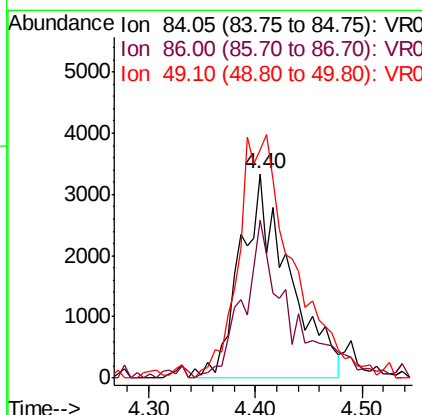
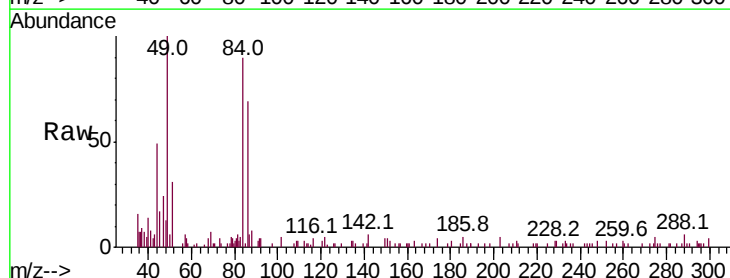
Instrument :
MSVOA_R
ClientSampled :

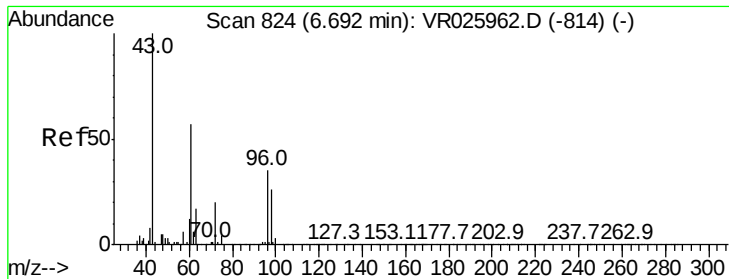
Tot Ion: 43 Resp: 2183
Ion Ratio Lower Upper
43 100
74 3.5 19.0 28.4#



#16
Methylene chloride
Concen: 0.372 ug/L
RT: 4.40 min Scan# 448
Delta R.T. -0.00 min
Lab File: VR025964.D
Acq: 5 Oct 2018 20:57

Tgt Ion: 84 Resp: 10723
Ion Ratio Lower Upper
84 100
86 77.3 43.1 80.1
49 111.5 95.5 177.3





#21

2-Butanone

Concen: 26.709 ug/L

RT: 6.78 min Scan# 839

Delta R.T. 0.09 min

Lab File: VR025964.D

Acq: 5 Oct 2018 20:57

Instrument :

MSVOA_R

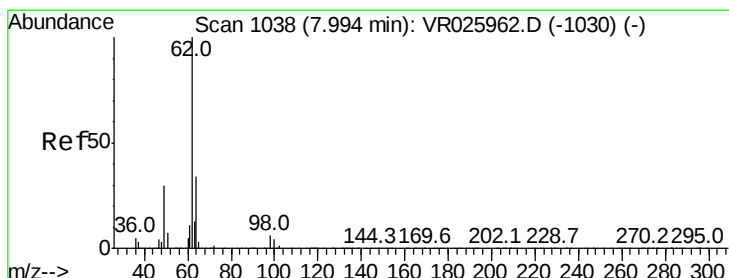
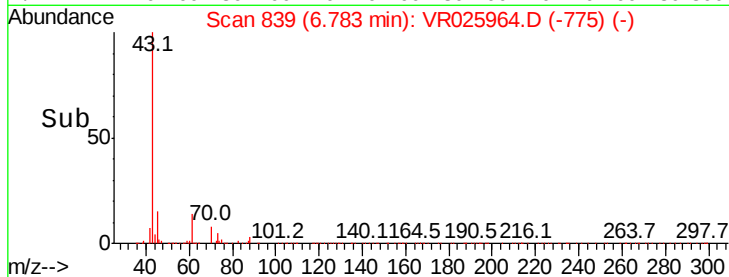
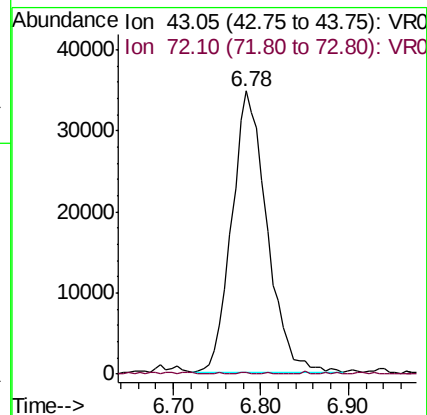
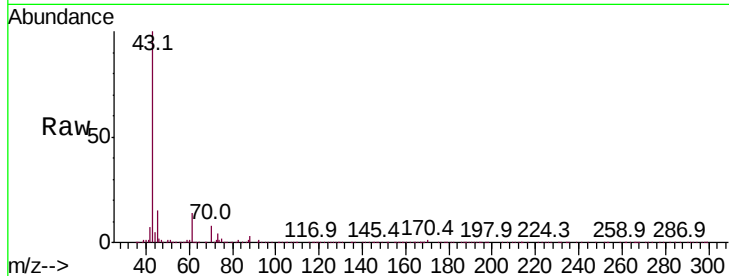
ClientSampleId :

Tot Ion: 43 Resp: 97108

Ion Ratio Lower Upper

43 100

72 0.2 11.9 35.7#



#27

1,2-Dichloroethane

Concen: 0.151 ug/L

RT: 7.87 min Scan# 1017

Delta R.T. -0.13 min

Lab File: VR025964.D

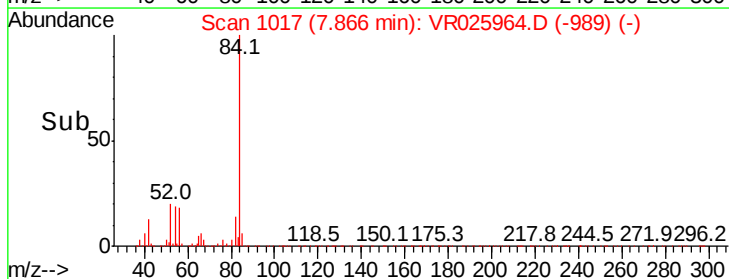
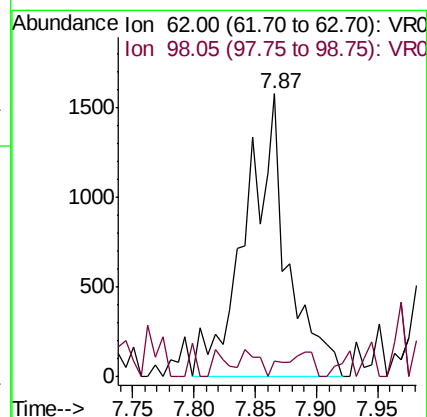
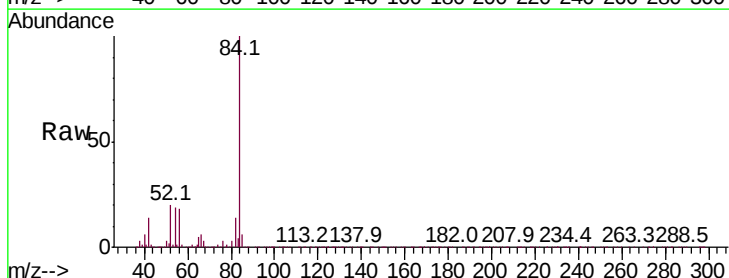
Acq: 5 Oct 2018 20:57

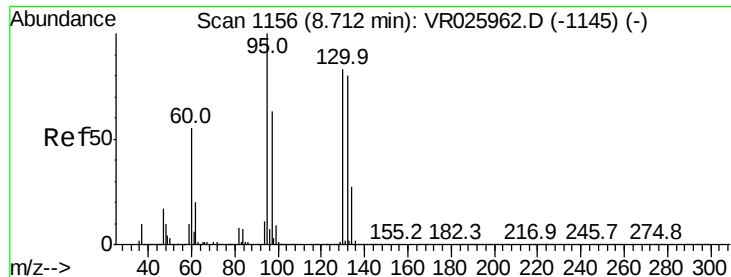
Tgt Ion: 62 Resp: 3754

Ion Ratio Lower Upper

62 100

98 5.6 5.2 7.8





#34

Trichloroethene

Concen: 0.507 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.26 min

Lab File: VR025964.D

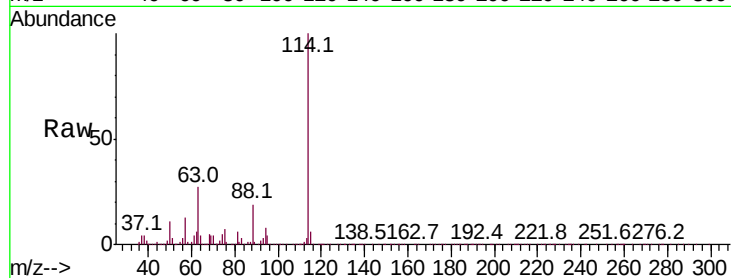
Acq: 5 Oct 2018 20:57

Instrument :

MSVOA_R

ClientSampled :

Tot Ion:	95	Resp:	15283
Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.9	81.5#
132	0.0	53.3	98.9#
130	1.6	53.8	99.8#

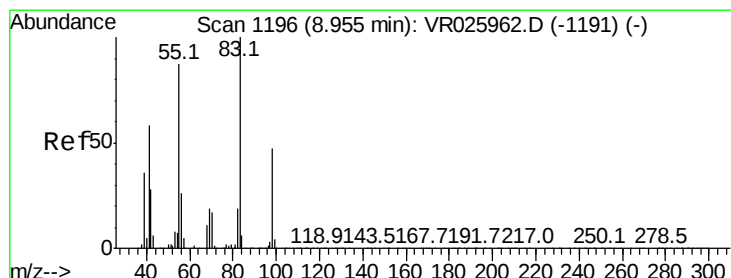
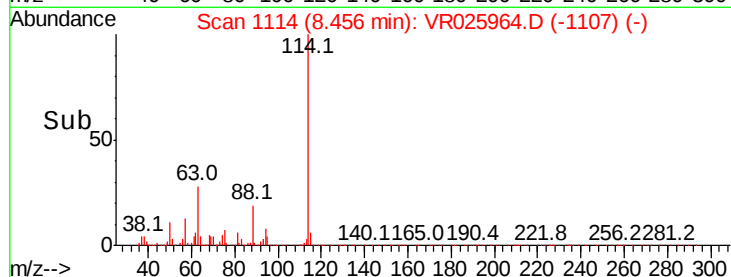
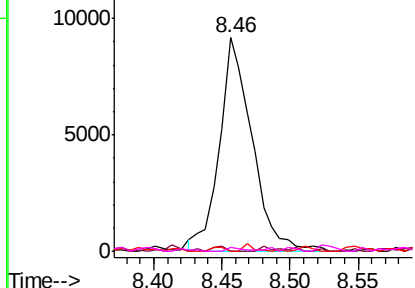


Abundance Ion 95.00 (94.70 to 95.70): VR0

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

Methylcyclohexane

Concen: 0.656 ug/L

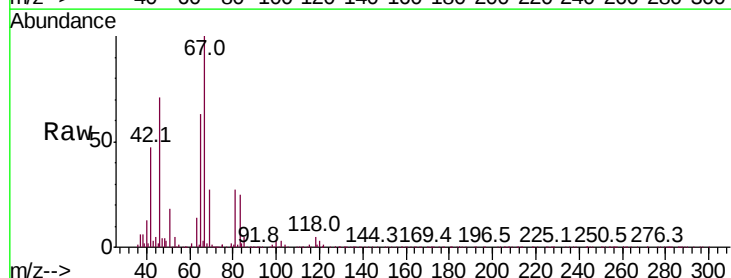
RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025964.D

Acq: 5 Oct 2018 20:57

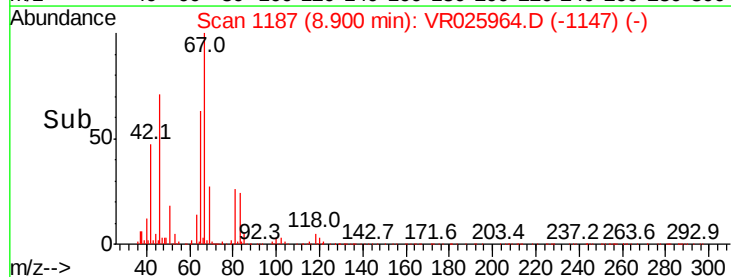
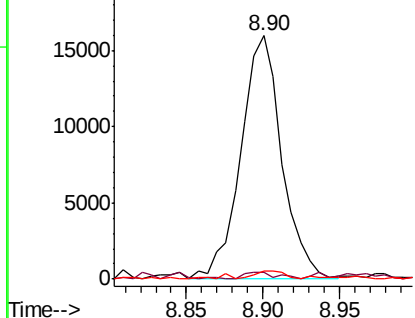
Tgt Ion:	83	Resp:	29698
Ion	Ratio	Lower	Upper
83	100		
55	2.2	71.8	107.6#
98	2.6	34.2	51.4#

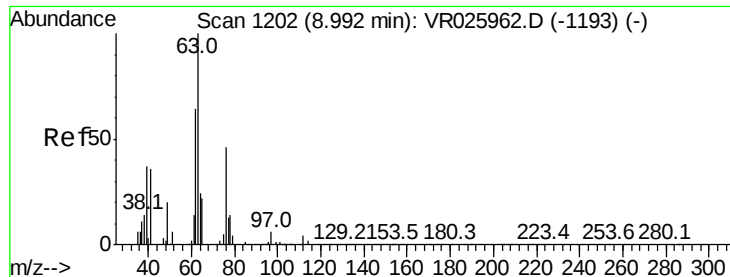


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.685 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.09 min

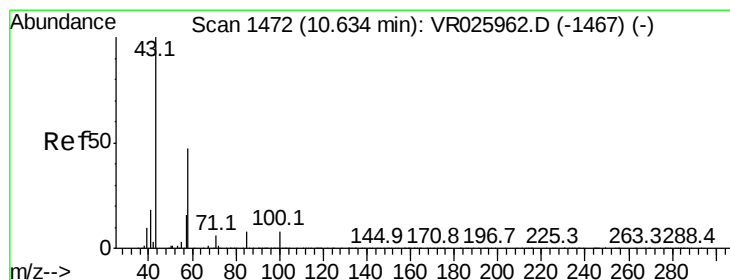
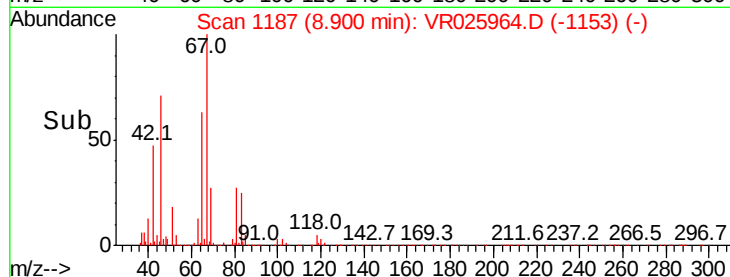
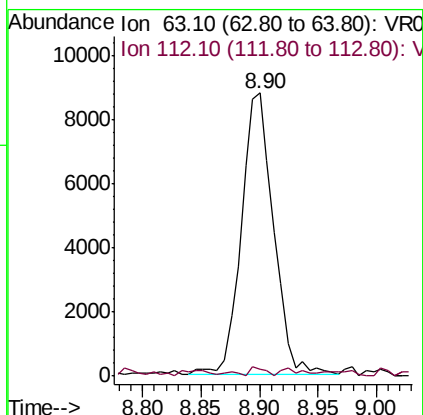
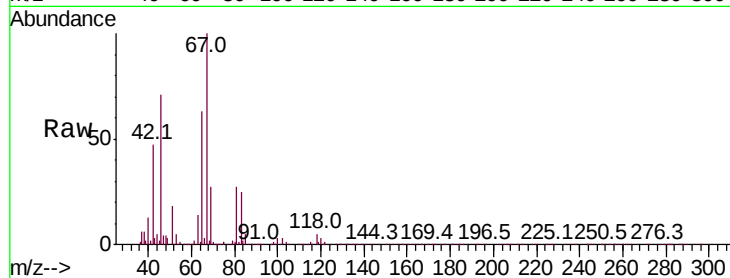
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Tot Ion: 63 Resp: 16795

Ion	Ratio	Lower	Upper
63	100		
112	2.1	2.5	3.7#



#48

2-Hexanone

Concen: 4.107 ug/L

RT: 10.59 min Scan# 1465

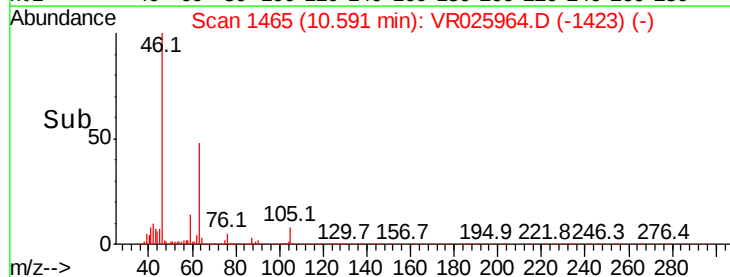
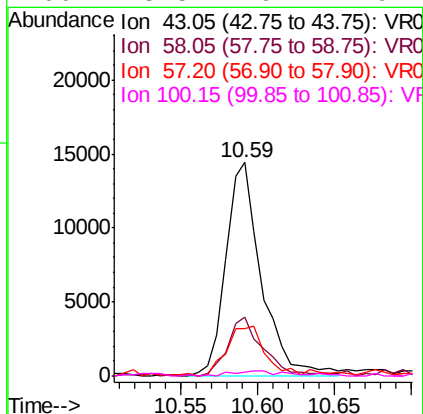
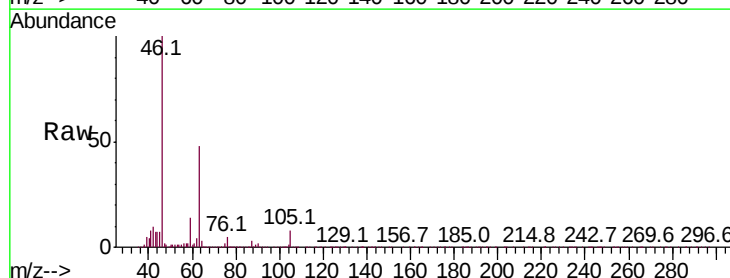
Delta R.T. -0.04 min

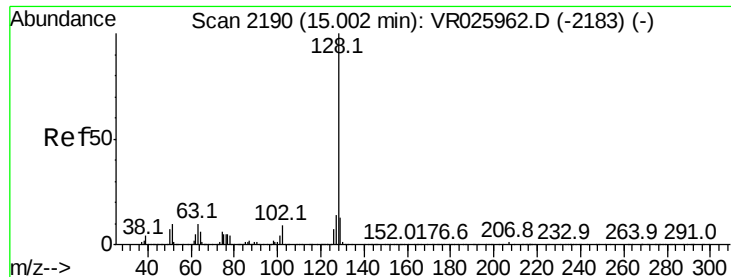
Lab File: VR025964.D

Acq: 5 Oct 2018 20:57

Tgt Ion: 43 Resp: 23191

Ion	Ratio	Lower	Upper
43	100		
58	27.5	39.5	59.3#
57	24.7	14.6	21.8#
100	3.5	6.7	10.1#





#69

Naphthalene

Concen: 0.111 ug/L

RT: 15.00 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VR025964.D

Acq: 5 Oct 2018 20:57

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion:128 Resp: 1836

Ion Ratio Lower Upper

128 100

127 9.2 10.5 15.7#

129 25.1 9.4 14.2#

