

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100818\
 Data File : VR025992.D
 Acq On : 8 Oct 2018 18:25
 Operator : SY/MD
 Sample : J5279-06
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 09 05:32:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 09 05:29:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	443740	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	367954	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	124135	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	179476	5.13	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	2.62	69	159830	5.59	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	3.63	63	319141	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	6.59	46	209995	53.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.66%
24) Chloroform-d	7.20	84	286486	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	7.90	65	131376	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	7.85	84	563468	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	8.90	67	165178	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	9.97	98	528760	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	10.24	79	35479	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	10.59	63	164112	57.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.90%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66642	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	100010	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

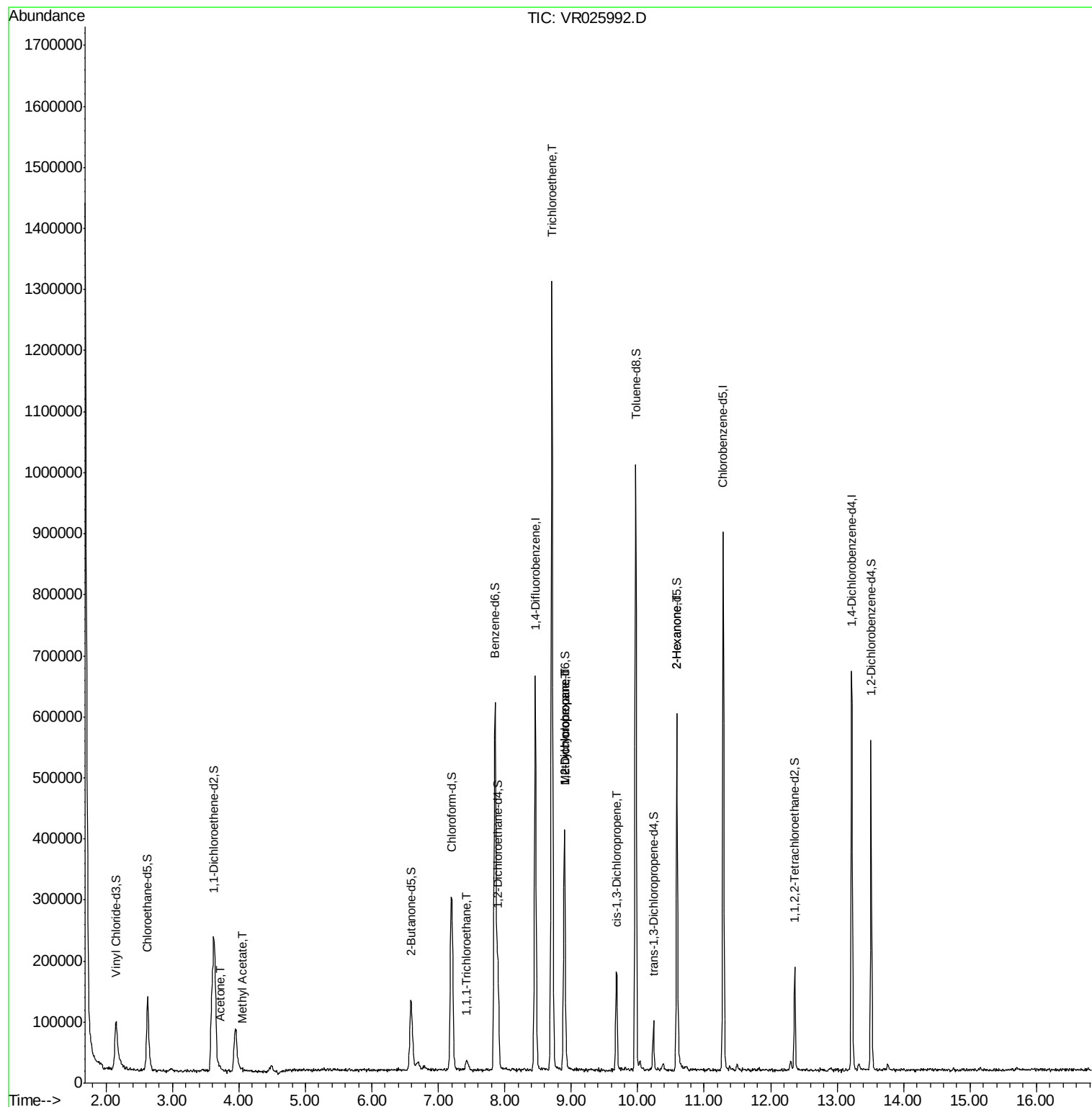
					Ovalue
13) Acetone	3.72	43	7604	2.689 ug/L	88
15) Methyl Acetate	4.05	43	1283	0.164 ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	12414	0.300 ug/L	90
34) Trichloroethene	8.71	95	407567	12.533 ug/L	92
35) Methylcyclohexane	8.90	83	39344	0.805 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	21167	0.799 ug/L #	96
39) cis-1,3-Dichloropropene	9.68	75	5359	0.181 ug/L	95
48) 2-Hexanone	10.59	43	25387	4.165 ug/L #	68

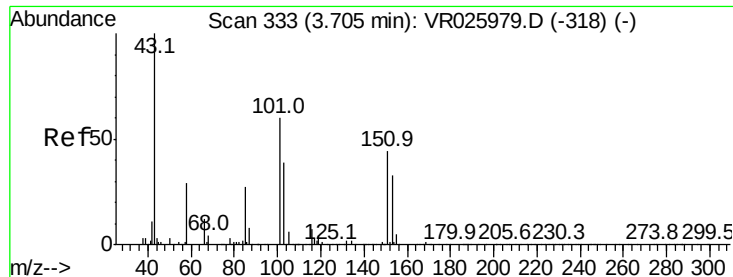
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 05:29:53 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.689 ug/L

RT: 3.72 min Scan# 335

Delta R.T. 0.01 min

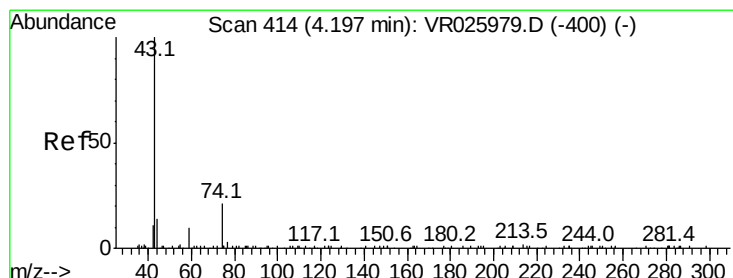
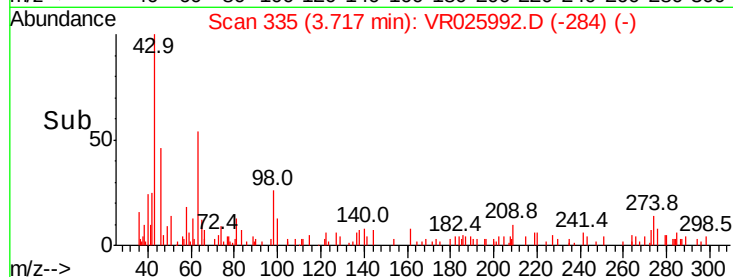
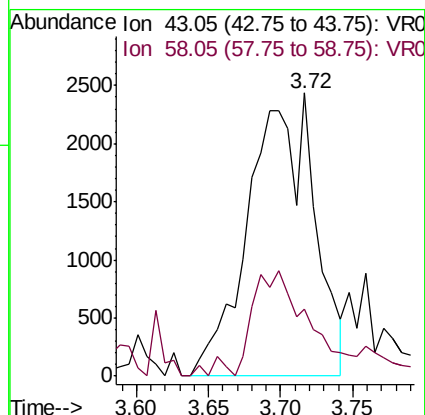
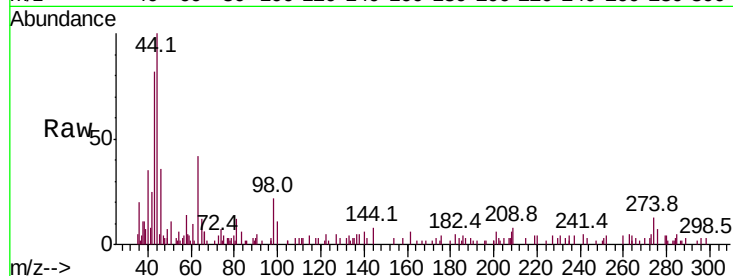
Lab File: VR025992.D

Acq: 8 Oct 2018 18:25

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 7604

Ion	Ratio	Lower	Upper
43	100		
58	31.8	0.0	51.4



#15

Methyl Acetate

Concen: 0.164 ug/L

RT: 4.05 min Scan# 390

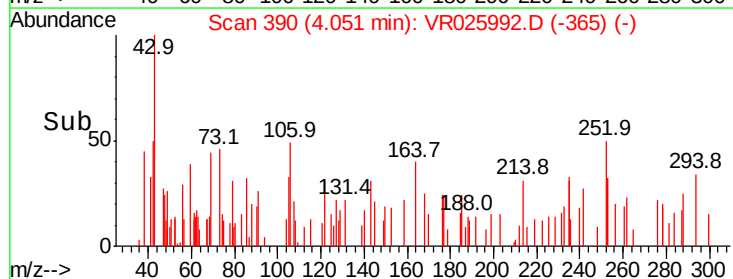
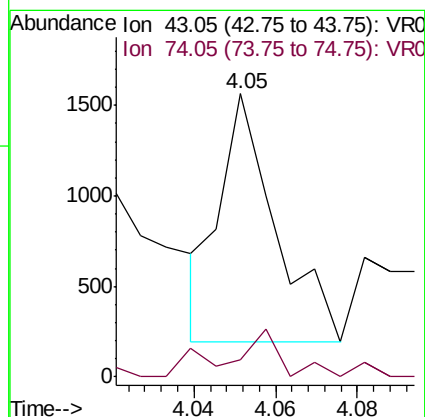
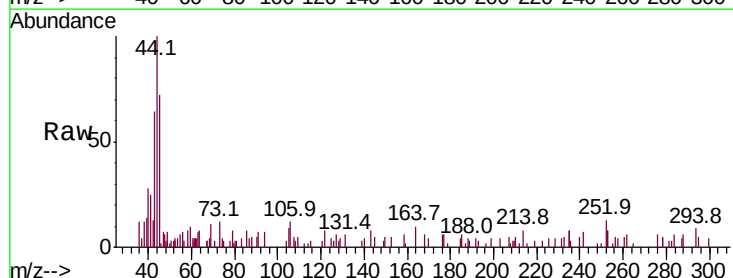
Delta R.T. -0.15 min

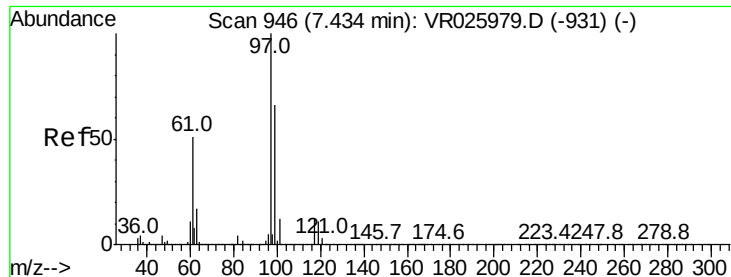
Lab File: VR025992.D

Acq: 8 Oct 2018 18:25

Tgt Ion: 43 Resp: 1283

Ion	Ratio	Lower	Upper
43	100		
74	22.6	19.0	28.4





#29

1,1,1-Trichloroethane

Concen: 0.300 ug/L

RT: 7.43 min Scan# 945

Delta R.T. -0.01 min

Lab File: VR025992.D

Acq: 8 Oct 2018 18:25

Instrument :
MSVOA_R
ClientSampled :

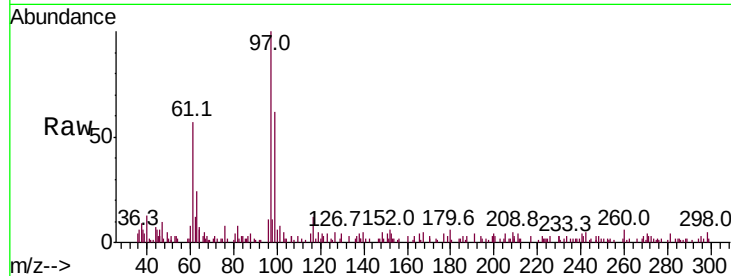
Tot Ion: 97 Resp: 12414

Ion Ratio Lower Upper

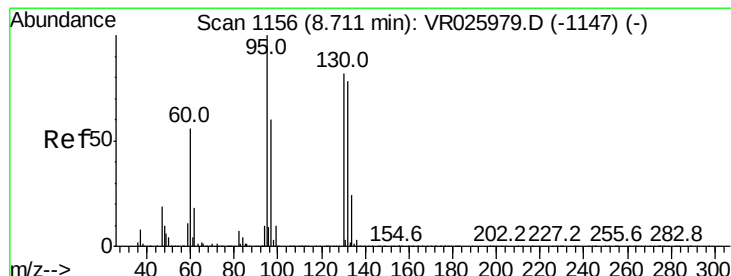
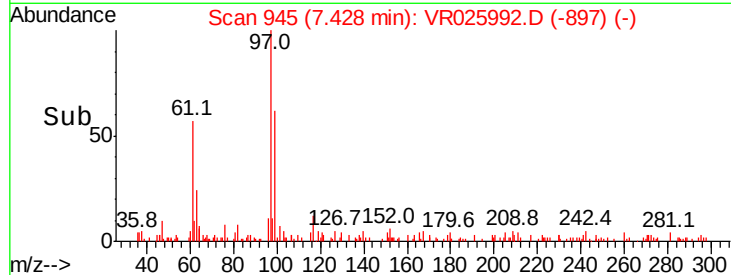
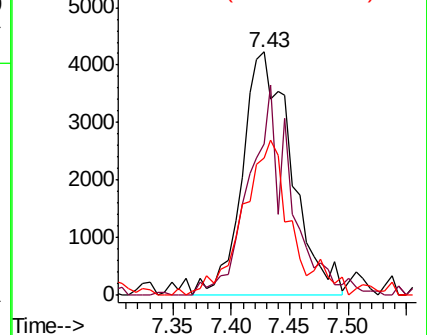
97 100

99 73.5 51.0 76.6

61 56.5 41.6 62.4



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: 12.533 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR025992.D

Acq: 8 Oct 2018 18:25

Tgt Ion: 95 Resp: 407567

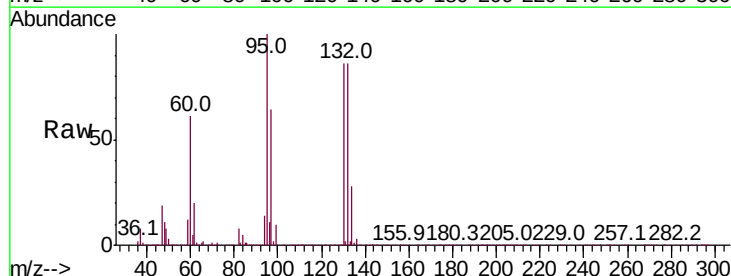
Ion Ratio Lower Upper

95 100

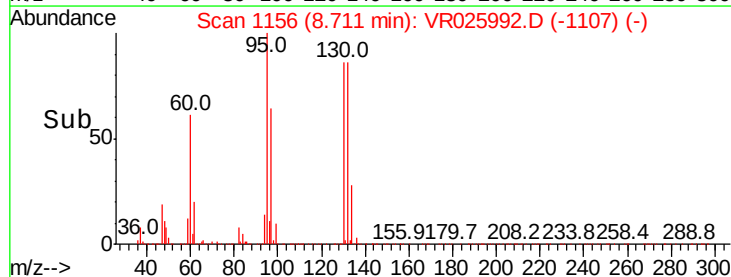
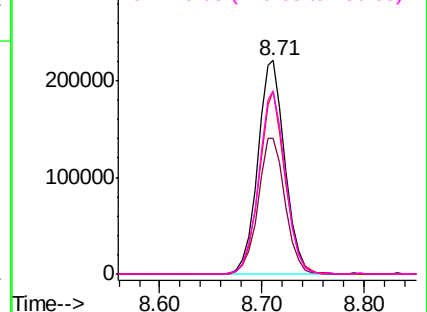
97 63.5 43.9 81.5

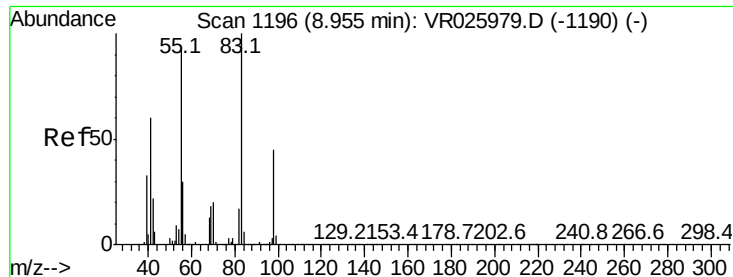
132 85.6 53.3 98.9

130 85.8 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: 0.805 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

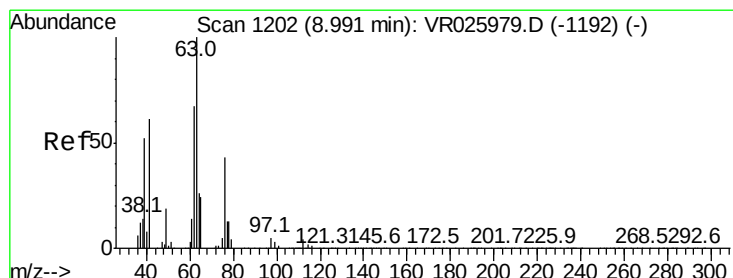
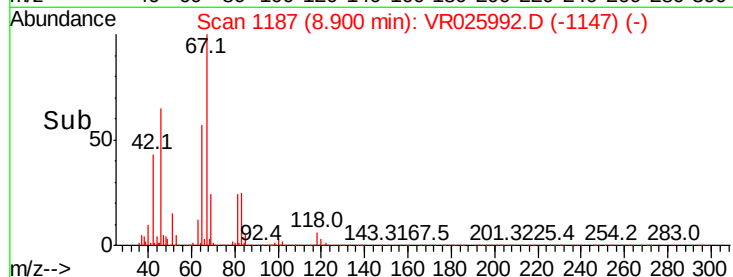
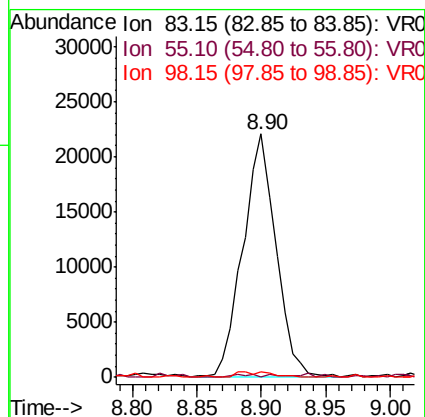
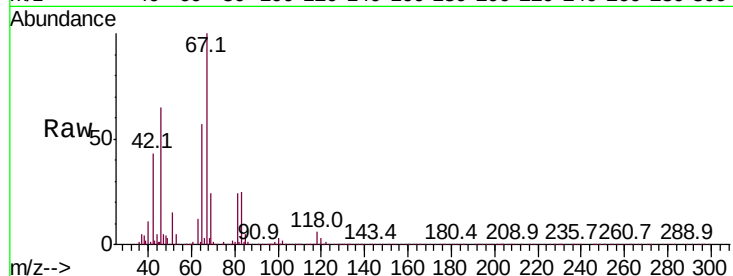
Lab File: VR025992.D

Acq: 8 Oct 2018 18:25

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 83 Resp: 39344

Ion	Ratio	Lower	Upper
83	100		
55	0.9	71.8	107.6#
98	2.3	34.2	51.4#



#37

1,2-Dichloropropane

Concen: 0.799 ug/L

RT: 8.90 min Scan# 1187

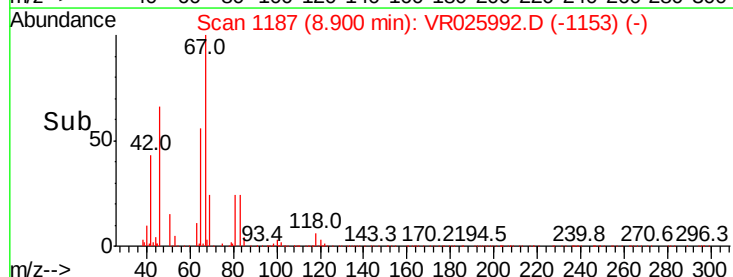
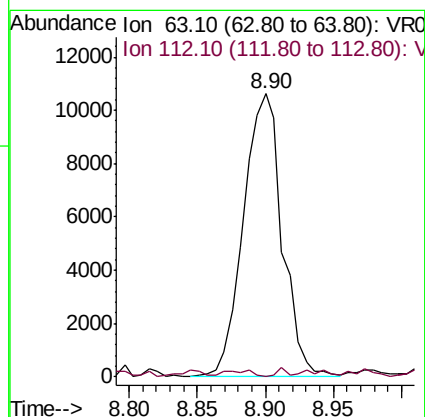
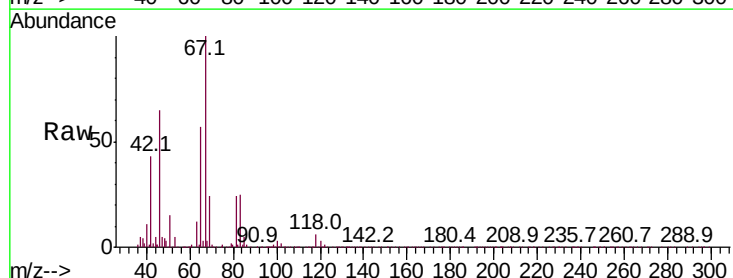
Delta R.T. -0.09 min

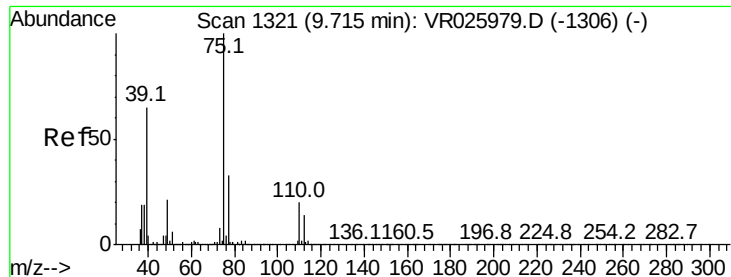
Lab File: VR025992.D

Acq: 8 Oct 2018 18:25

Tgt Ion: 63 Resp: 21167

Ion	Ratio	Lower	Upper
63	100		
112	1.8	2.5	3.7#



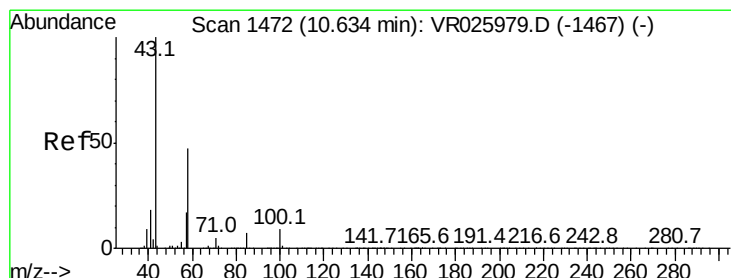
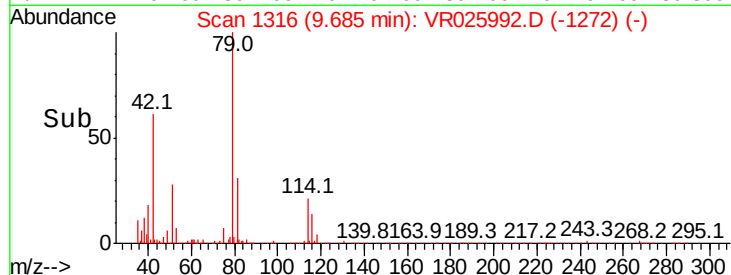
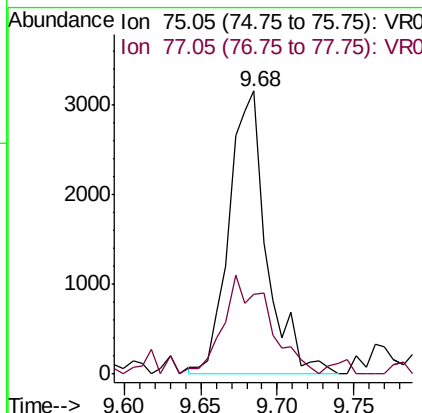
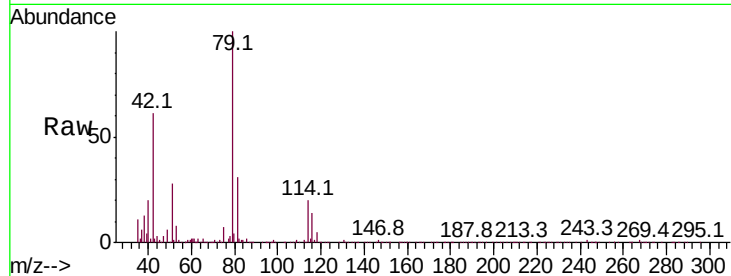


#39

cis-1,3-Dichloropropene
 Concen: 0.181 ug/L
 RT: 9.68 min Scan# 1316
 Delta R.T. -0.03 min
 Lab File: VR025992.D
 Acq: 8 Oct 2018 18:25

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 75 Resp: 5359
 Ion Ratio Lower Upper
 75 100
 77 28.0 21.5 39.9



#48

2-Hexanone
 Concen: 4.165 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025992.D
 Acq: 8 Oct 2018 18:25

Tgt Ion: 43 Resp: 25387
 Ion Ratio Lower Upper
 43 100
 58 19.9 39.5 59.3#
 57 22.2 14.6 21.8#
 100 3.4 6.7 10.1#

