

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100518\
 Data File : VR025971.D
 Acq On : 6 Oct 2018 00:47
 Operator : SY/MD
 Sample : J5276-16
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 06 05:31:56 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	407409	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	342219	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	112822	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	101635	3.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.20%
7) Chloroethane-d5	2.63	69	104491	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	3.63	63	190249	2.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.40%#
20) 2-Butanone-d5	6.59	46	189897	53.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.04%
24) Chloroform-d	7.20	84	208832	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.60%
26) 1,2-Dichloroethane-d4	7.90	65	100941	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	7.85	84	377811	3.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.40%#
36) 1,2-Dichloropropane-d6	8.90	67	119288	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.80%
41) Toluene-d8	9.97	98	323580	3.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.40%#
43) trans-1,3-Dichloropropene-	10.24	79	22724	3.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.20%
46) 2-Hexanone-d5	10.59	63	141144	53.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.24%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	53317	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	70149	3.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.60%#

Target Compounds

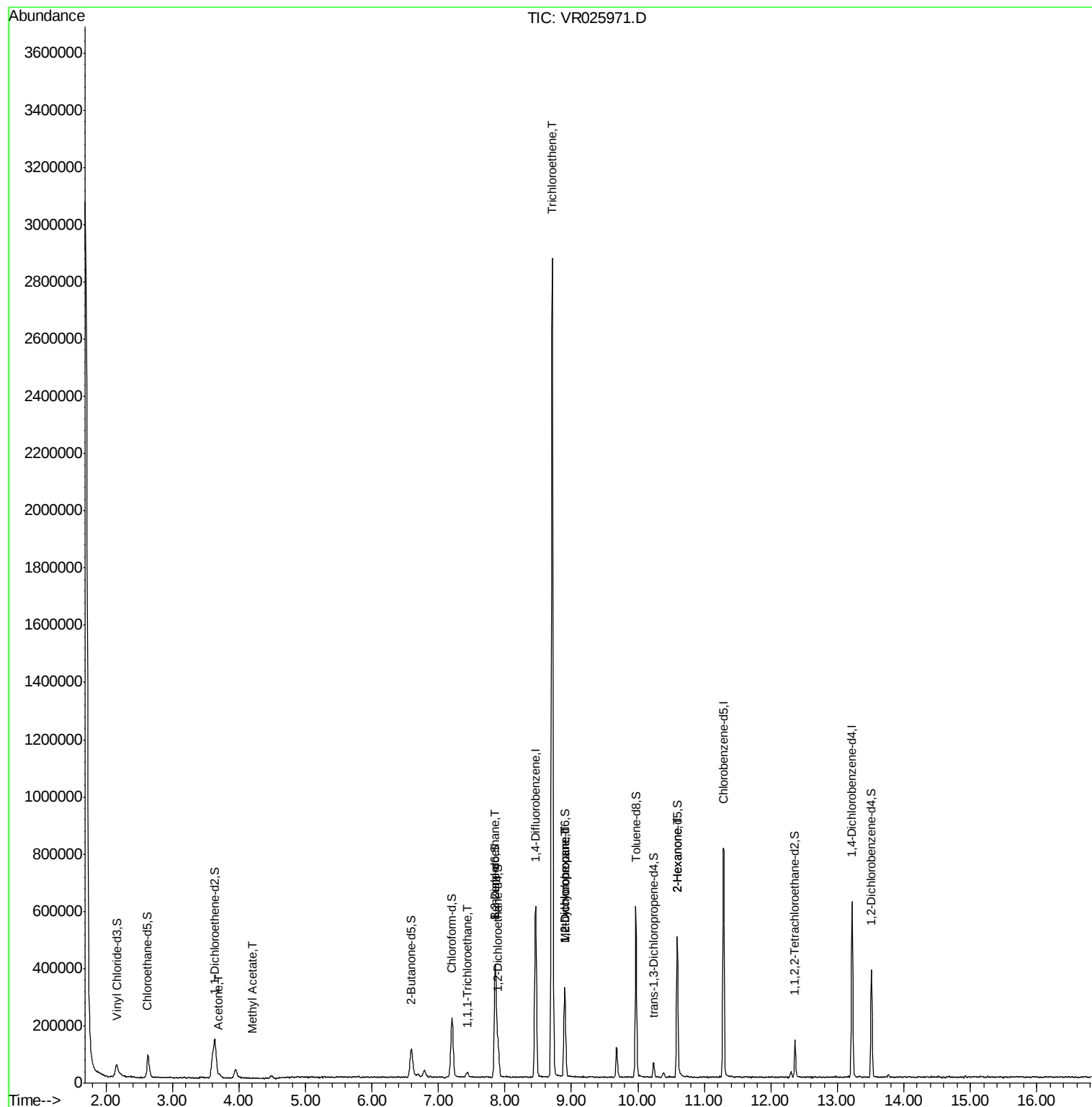
					Ovalue
13) Acetone	3.70	43	16063	6.188	ug/L 97
15) Methyl Acetate	4.20	43	1568	0.218	ug/L # 26
27) 1,2-Dichloroethane	7.85	62	3400	0.139	ug/L 97
29) 1,1,1-Trichloroethane	7.43	97	12961	0.337	ug/L 93
34) Trichloroethene	8.71	95	878745	29.055	ug/L 94
35) Methylcyclohexane	8.90	83	28577	0.628	ug/L # 16
37) 1,2-Dichloropropane	8.90	63	14682	0.596	ug/L # 94
48) 2-Hexanone	10.59	43	22476	3.965	ug/L # 69

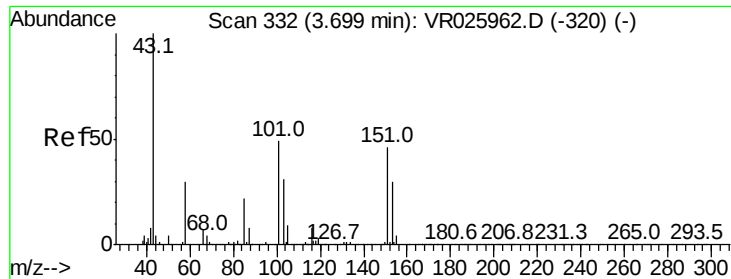
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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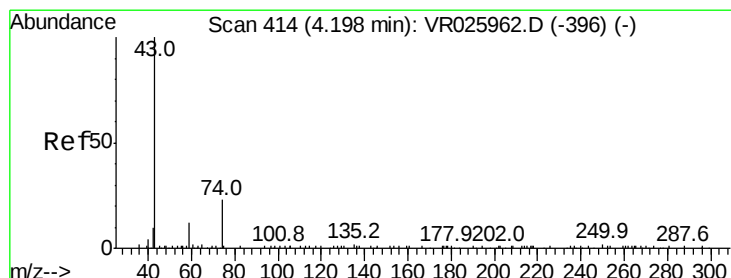
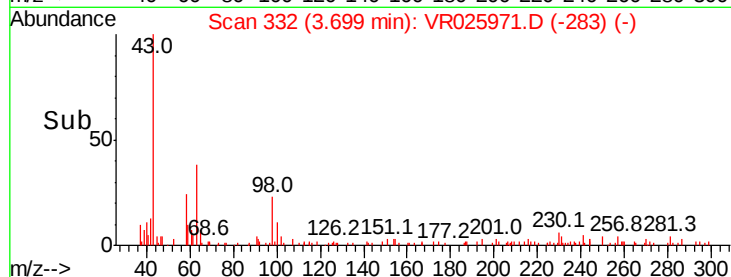
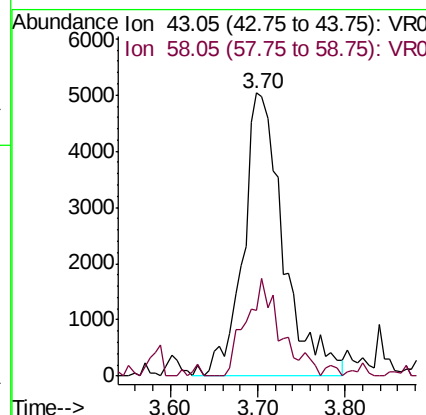
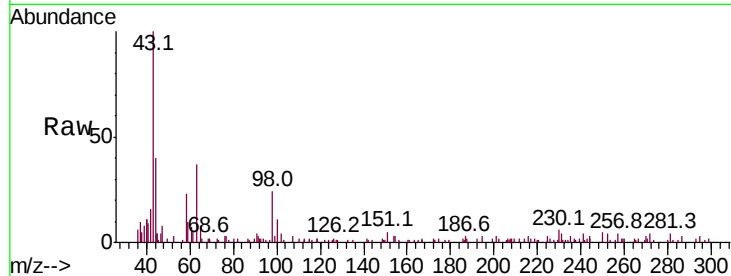




#13
Acetone
Concen: 6.188 ug/L
RT: 3.70 min Scan# 332
Delta R.T. 0.00 min
Lab File: VR025971.D
Acq: 6 Oct 2018 00:47

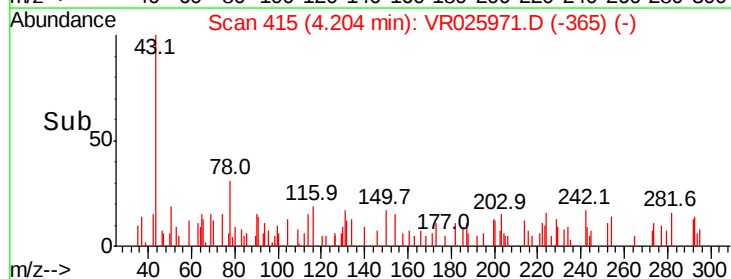
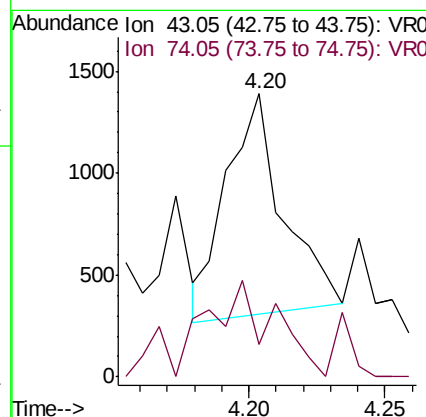
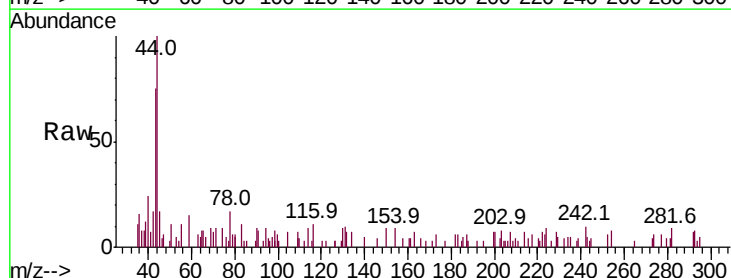
Instrument :
MSVOA_R
ClientSampled :

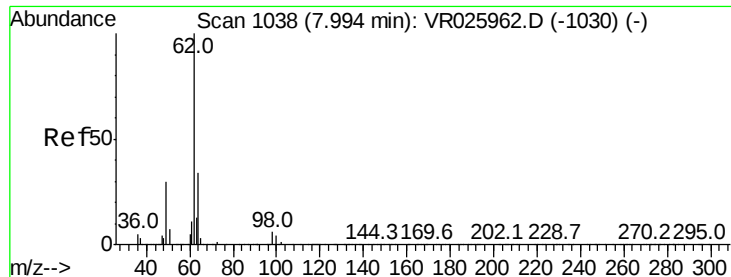
Tot Ion: 43 Resp: 16063
Ion Ratio Lower Upper
43 100
58 27.5 0.0 51.4



#15
Methyl Acetate
Concen: 0.218 ug/L
RT: 4.20 min Scan# 415
Delta R.T. 0.01 min
Lab File: VR025971.D
Acq: 6 Oct 2018 00:47

Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
74 59.9 19.0 28.4#

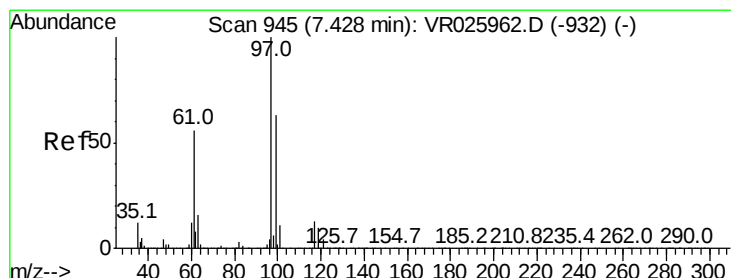
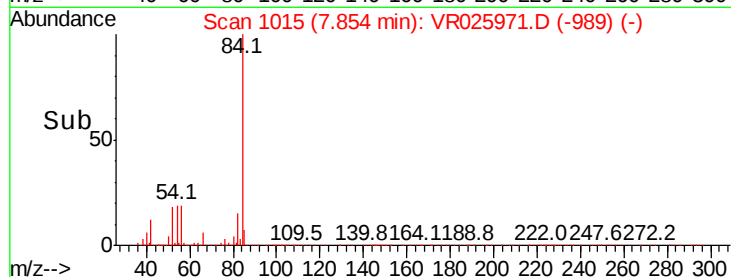
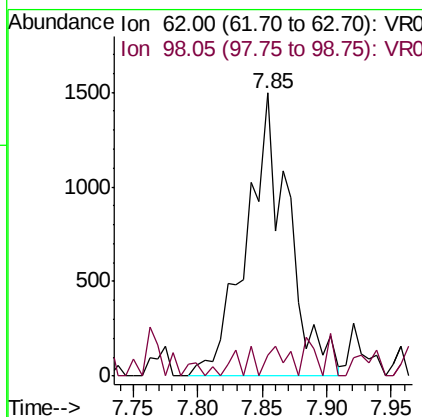
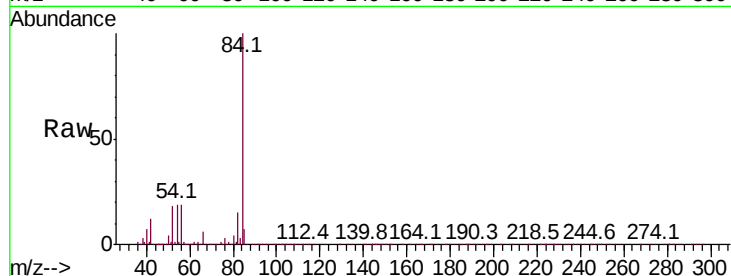




#27
 1,2-Dichloroethane
 Concen: 0.139 ug/L
 RT: 7.85 min Scan# 1015
 Delta R.T. -0.14 min
 Lab File: VR025971.D
 Acq: 6 Oct 2018 00:47

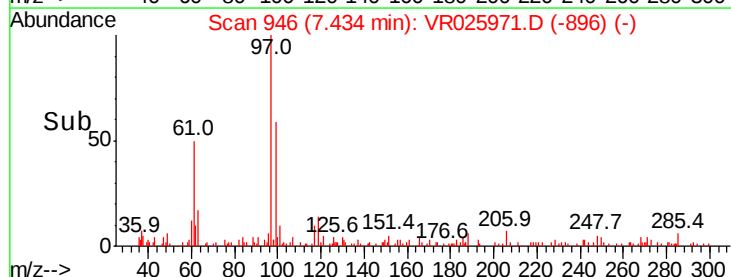
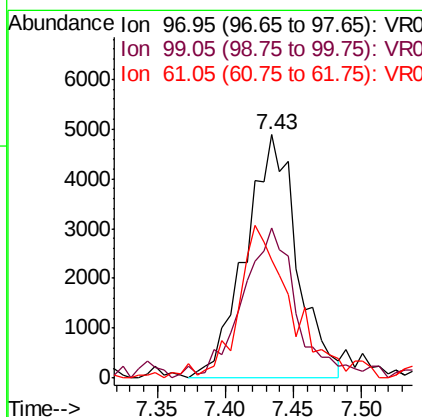
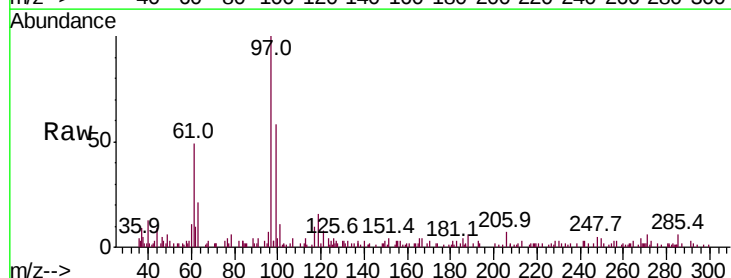
Instrument :
 MSVOA_R
 ClientSampleId :

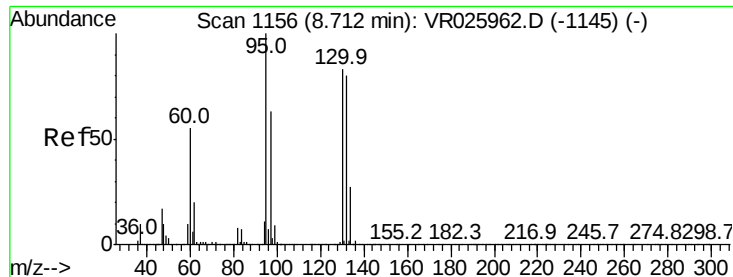
Tot Ion: 62 Resp: 3400
 Ion Ratio Lower Upper
 62 100
 98 7.5 5.2 7.8



#29
 1,1,1-Trichloroethane
 Concen: 0.337 ug/L
 RT: 7.43 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VR025971.D
 Acq: 6 Oct 2018 00:47

Tgt Ion: 97 Resp: 12961
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.0 76.6
 61 61.4 41.6 62.4





#34

Trichloroethene

Concen: 29.055 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR025971.D

Acq: 6 Oct 2018 00:47

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 95 Resp: 878745

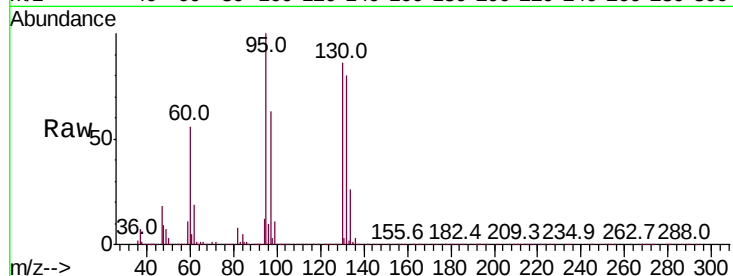
Ion Ratio Lower Upper

95 100

97 62.9 43.9 81.5

132 80.3 53.3 98.9

130 86.3 53.8 99.8

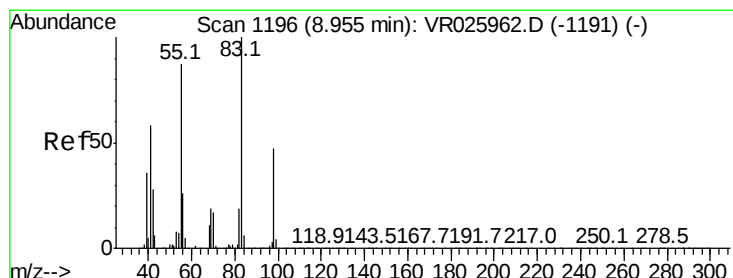
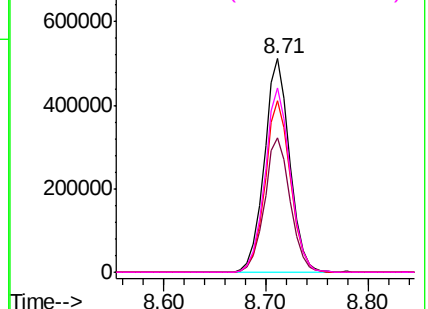
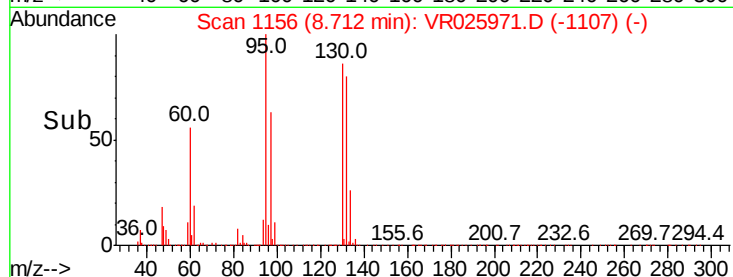


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.628 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025971.D

Acq: 6 Oct 2018 00:47

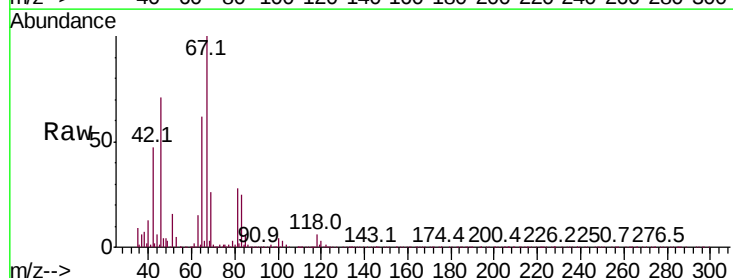
Tgt Ion: 83 Resp: 28577

Ion Ratio Lower Upper

83 100

55 1.7 71.8 107.6#

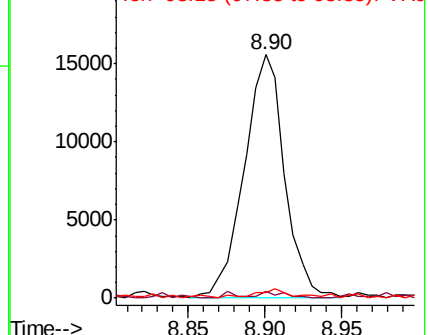
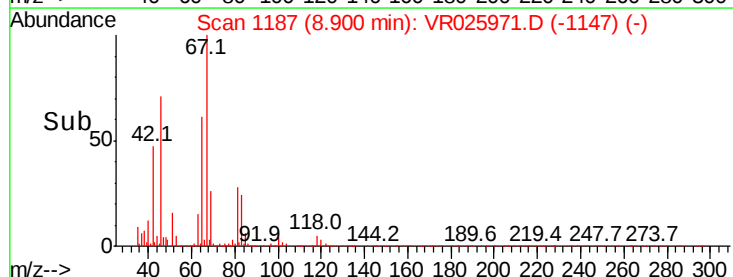
98 2.9 34.2 51.4#

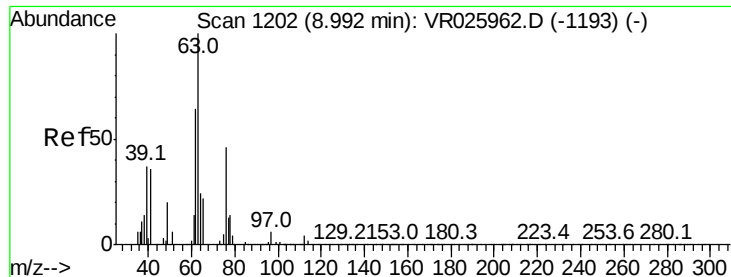


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.596 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.09 min

Lab File: VR025971.D

Acq: 6 Oct 2018 00:47

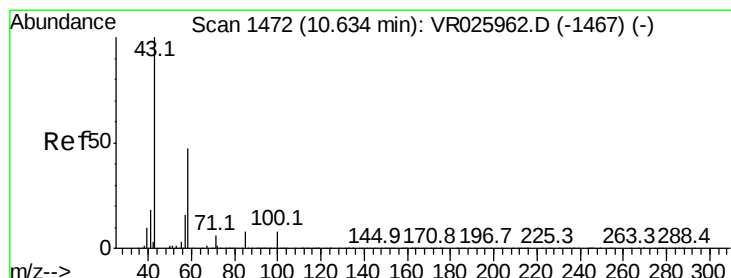
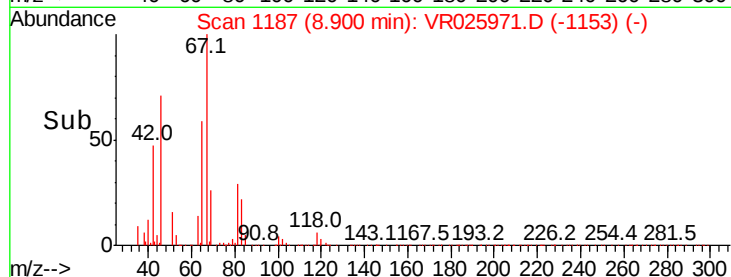
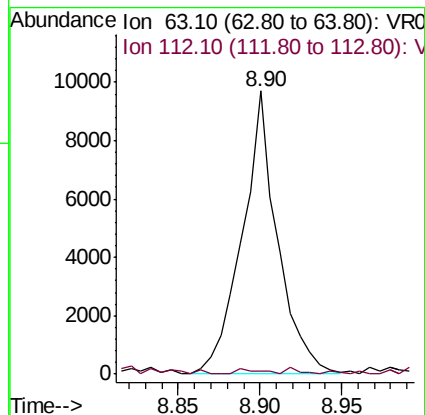
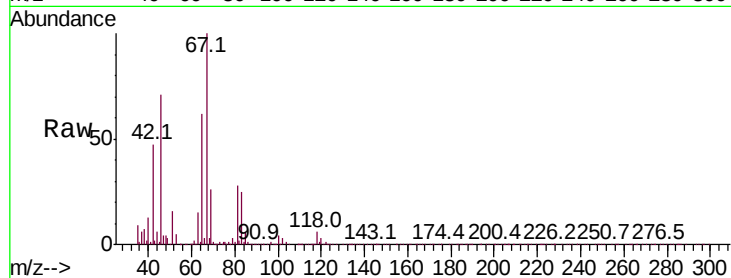
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 63 Resp: 14682

Ion Ratio Lower Upper

63 100

112 1.2 2.5 3.7#



#48

2-Hexanone

Concen: 3.965 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025971.D

Acq: 6 Oct 2018 00:47

Tgt Ion: 43 Resp: 22476

Ion Ratio Lower Upper

43 100

58 23.8 39.5 59.3#

57 26.1 14.6 21.8#

100 2.0 6.7 10.1#

