

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100518\
 Data File : VR025974.D
 Acq On : 6 Oct 2018 2:26
 Operator : SY/MD
 Sample : J5276-19
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 06 05:32:19 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	416543	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	349466	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	115674	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	106987	3.26	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.20%
7) Chloroethane-d5	2.63	69	107414	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	3.63	63	197293	2.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	6.59	46	196550	53.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.34%
24) Chloroform-d	7.20	84	217454	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	7.89	65	105119	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
32) Benzene-d6	7.85	84	383475	3.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.00%#
36) 1,2-Dichloropropane-d6	8.89	67	122168	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.00%
41) Toluene-d8	9.97	98	332470	3.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.80%#
43) trans-1,3-Dichloropropene-	10.24	79	23584	3.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.40%
46) 2-Hexanone-d5	10.59	63	138601	51.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.16%
57) 1,1,1,2,2-Tetrachloroethane-	12.36	84	53476	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	74789	4.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.80%

Target Compounds

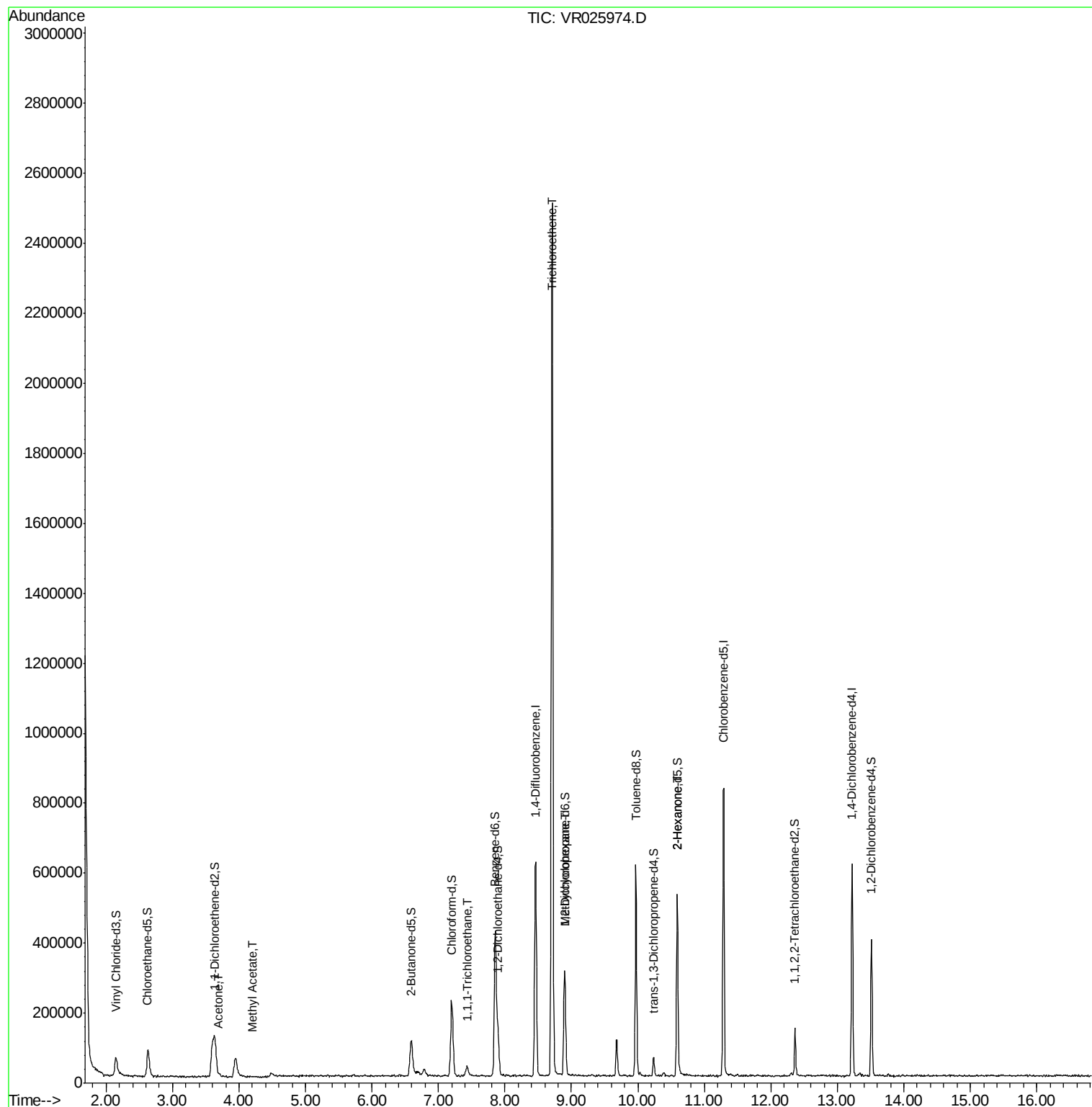
					Ovalue
13) Acetone	3.70	43	6941	2.615	ug/L 73
15) Methyl Acetate	4.20	43	2243	0.305	ug/L # 84
29) 1,1,1-Trichloroethane	7.43	97	21028	0.535	ug/L # 90
34) Trichloroethene	8.71	95	765832	24.796	ug/L 92
35) Methylcyclohexane	8.90	83	28725	0.619	ug/L # 15
48) 2-Hexanone	10.60	43	32901	5.683	ug/L # 66

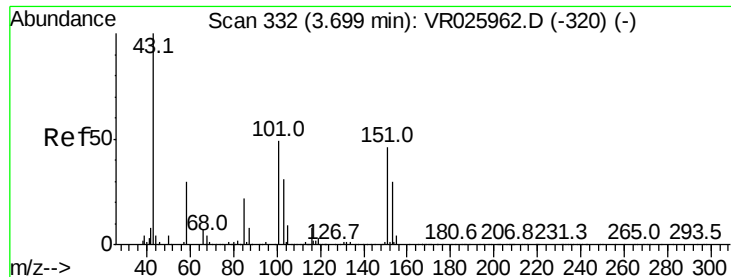
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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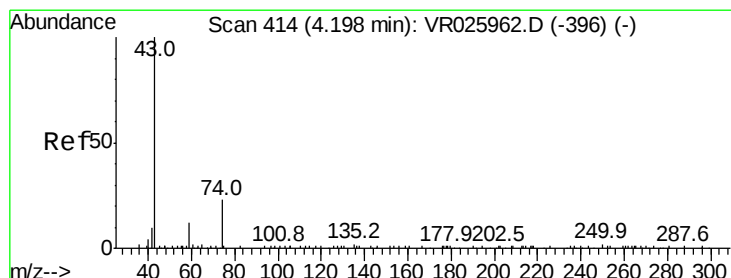
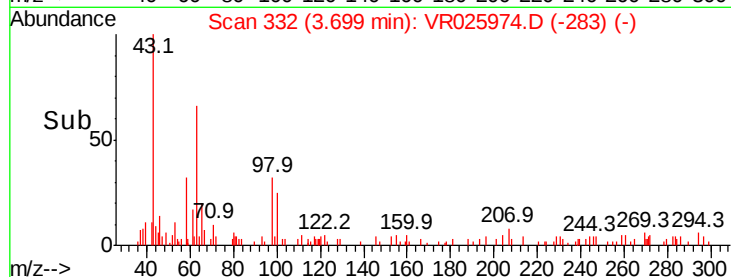
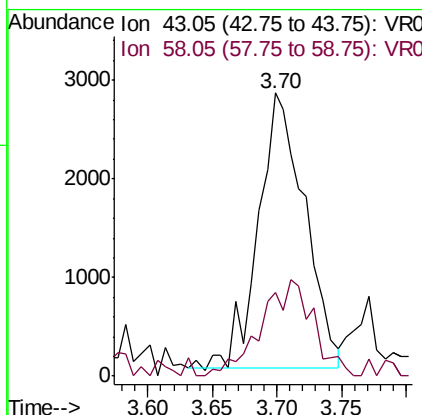
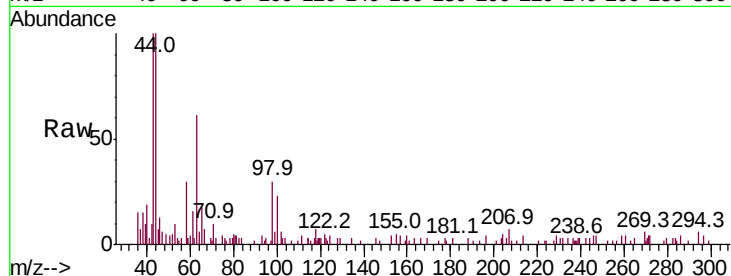




#13
Acetone
Concen: 2.615 ug/L
RT: 3.70 min Scan# 332
Delta R.T. -0.00 min
Lab File: VR025974.D
Acq: 6 Oct 2018 2:26

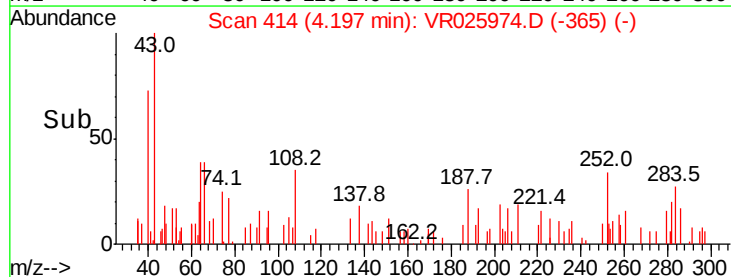
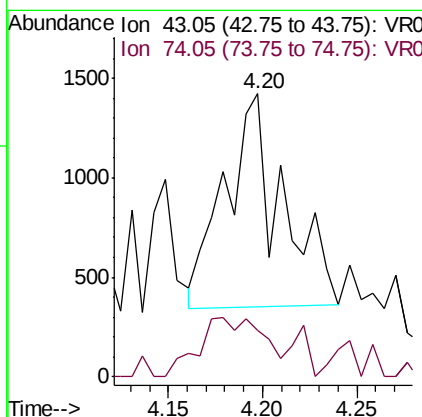
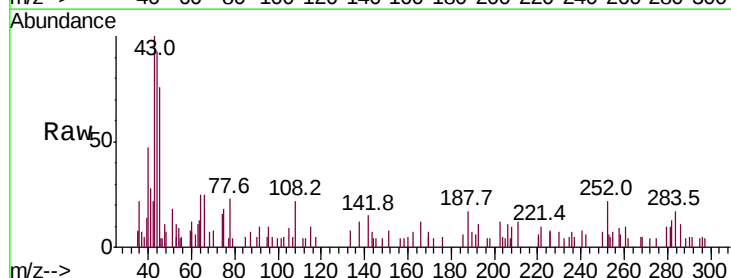
Instrument :
MSVOA_R
ClientSampleId :

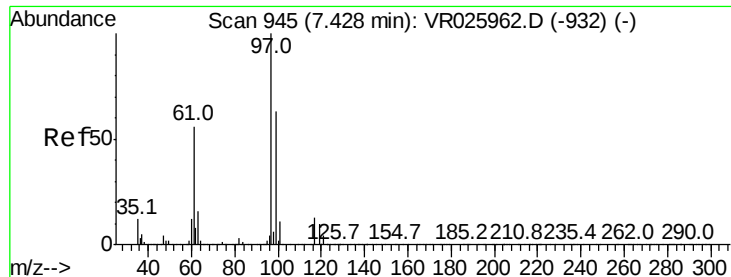
Tot Ion: 43 Resp: 6941
Ion Ratio Lower Upper
43 100
58 39.6 0.0 51.4



#15
Methyl Acetate
Concen: 0.305 ug/L
RT: 4.20 min Scan# 414
Delta R.T. -0.00 min
Lab File: VR025974.D
Acq: 6 Oct 2018 2:26

Tgt Ion: 43 Resp: 2243
Ion Ratio Lower Upper
43 100
74 31.6 19.0 28.4#

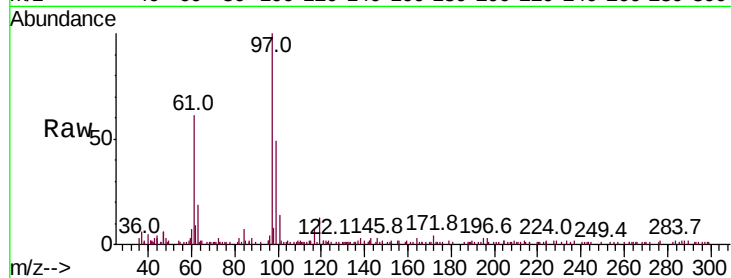




#29
1,1,1-Trichloroethane
Concen: 0.535 ug/L
RT: 7.43 min Scan# 945
Delta R.T. -0.00 min
Lab File: VR025974.D
Acq: 6 Oct 2018 2:26

Instrument :
MSVOA_R
ClientSampled :

Tot Ion	Ratio	Lower	Upper
97	100		
99	60.4	51.0	76.6
61	63.3	41.6	62.4#

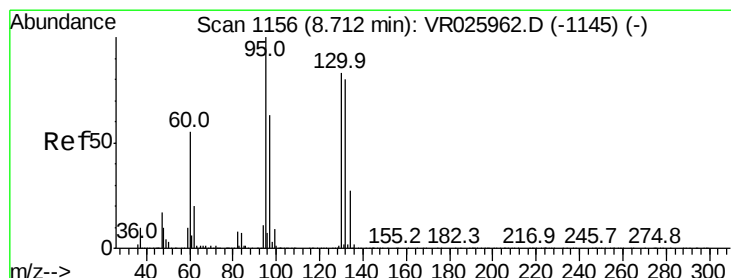
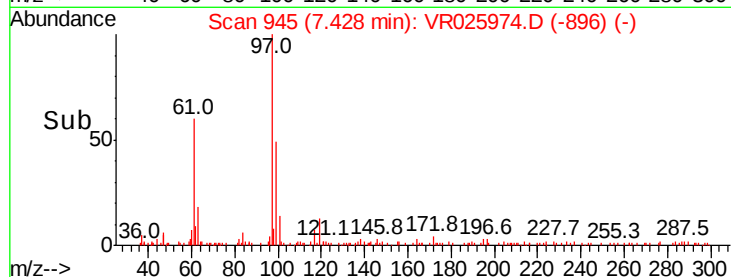
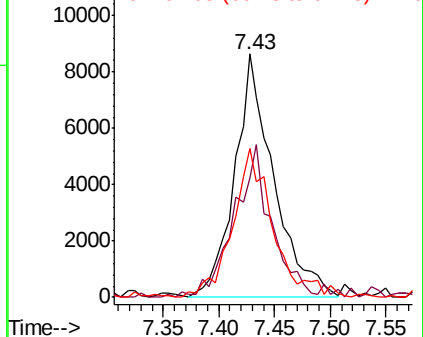


Abundance

Ion 96.95 (96.65 to 97.65): VR0

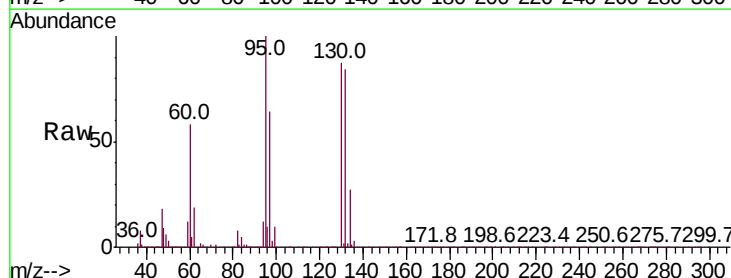
Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0



#34
Trichloroethene
Concen: 24.796 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VR025974.D
Acq: 6 Oct 2018 2:26

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.7	43.9	81.5
132	83.7	53.3	98.9
130	86.9	53.8	99.8



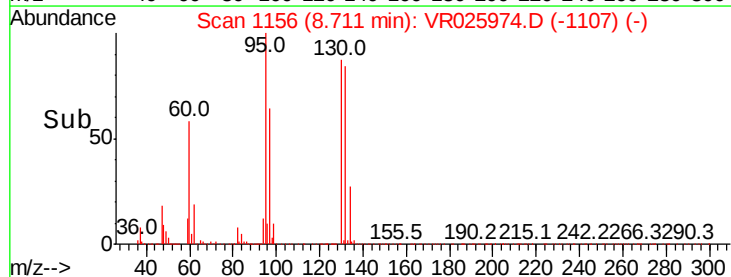
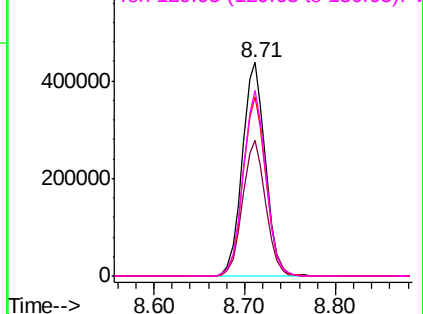
Abundance

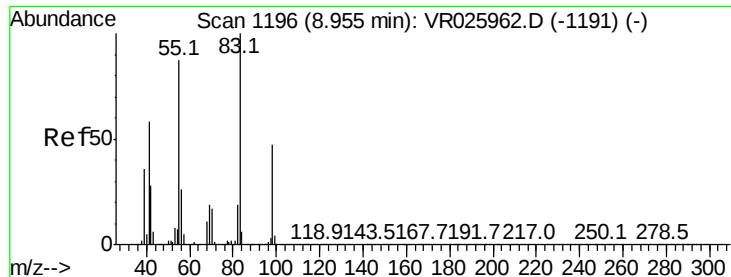
Ion 95.00 (94.70 to 95.70): VR0

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

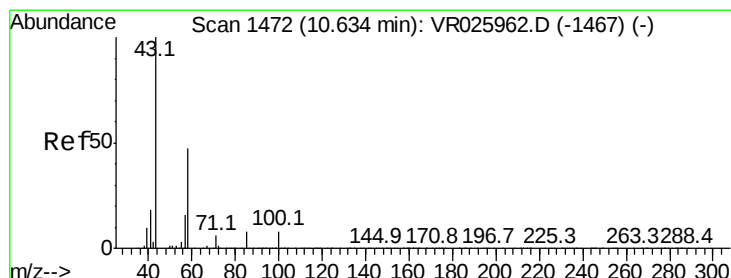
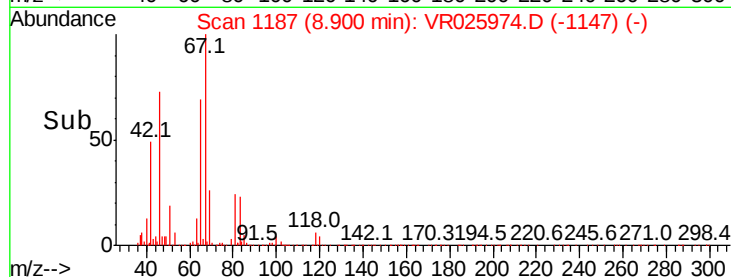
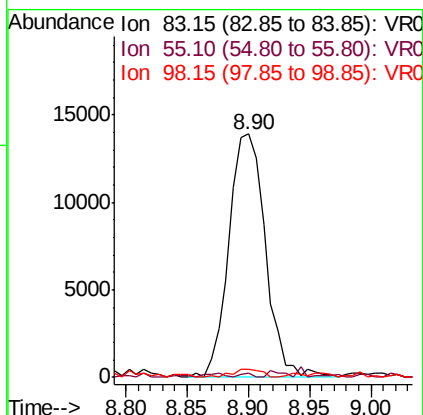
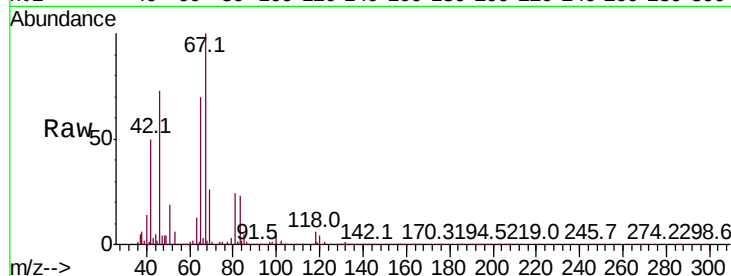




#35
Methylcyclohexane
Concen: 0.619 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025974.D
Acq: 6 Oct 2018 2:26

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 83 Resp: 28725
Ion Ratio Lower Upper
83 100
55 0.5 71.8 107.6#
98 2.7 34.2 51.4#



#48
2-Hexanone
Concen: 5.683 ug/L
RT: 10.60 min Scan# 1466
Delta R.T. -0.04 min
Lab File: VR025974.D
Acq: 6 Oct 2018 2:26

Tgt Ion: 43 Resp: 32901
Ion Ratio Lower Upper
43 100
58 15.4 39.5 59.3#
57 18.7 14.6 21.8
100 2.7 6.7 10.1#

