

Data File : VR025784.D
Acq On : 20 Sep 2018 21:33
Operator : SY/MD
Sample : J4991-07
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0T28

Quant Time: Sep 21 07:43:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 07:37:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	493969	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	393036	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	140594	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	98959	4.69	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	2.63	69	88376	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	3.60	63	153329	2.63	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	6.59	46	222267	58.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.38%
24) Chloroform-d	7.20	84	273395	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	7.90	65	127306	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	7.85	84	479196	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	8.90	67	147473	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	9.97	98	365919	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	10.24	79	41060	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	10.59	63	182825	53.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.32%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67935	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	89063	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

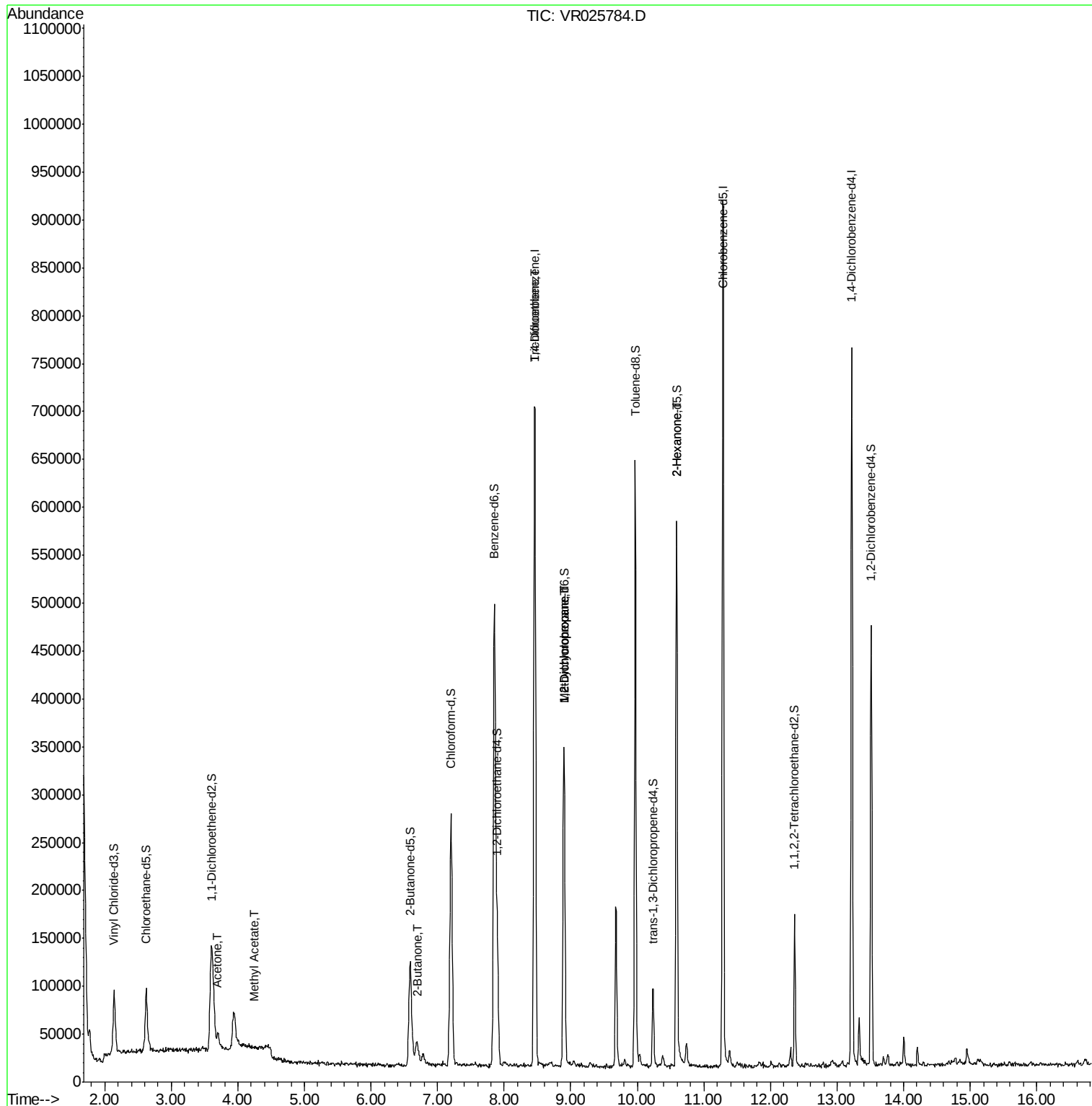
					Qvalue
13) Acetone	3.70	43	26454	13.148	ug/L 100
15) Methyl Acetate	4.23	43	1008	0.115	ug/L # 59
21) 2-Butanone	6.70	43	6355	1.167	ug/L 76
34) Trichloroethene	8.45	95	17422	0.318	ug/L # 11
35) Methylcyclohexane	8.90	83	35472	0.394	ug/L # 16
37) 1,2-Dichloropropane	8.89	63	19007	0.440	ug/L # 89
48) 2-Hexanone	10.59	43	25506	2.508	ug/L # 69

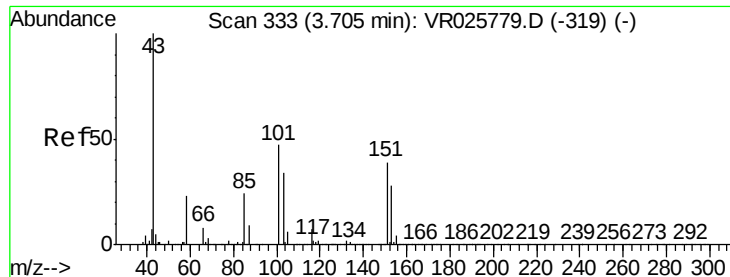
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.148 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.01 min

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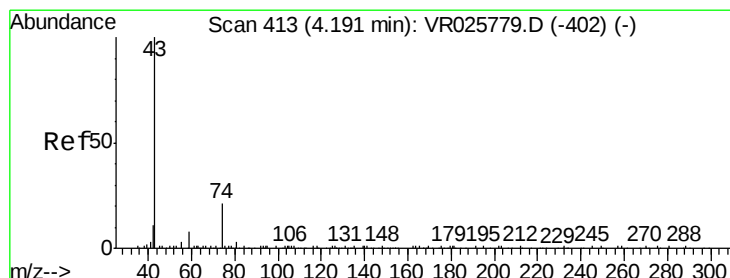
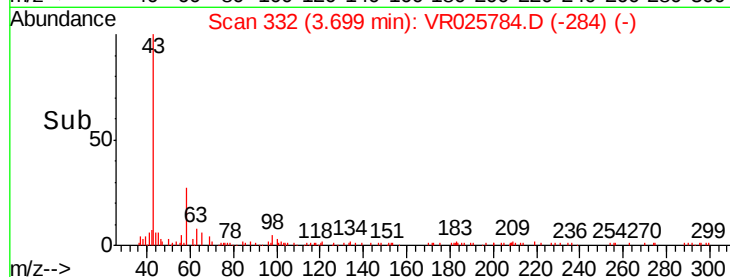
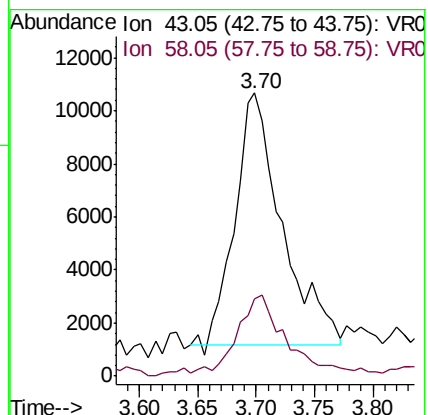
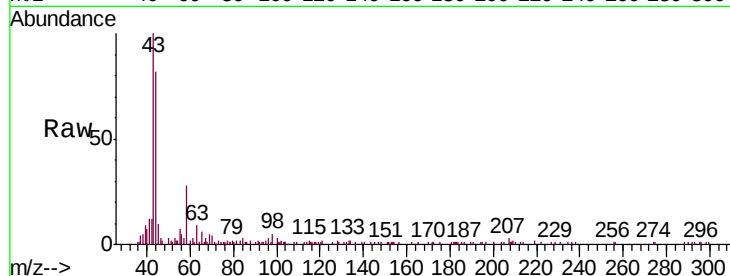
Instrument :
MSVOA_R
ClientSampleId :
COT28

Tgt Ion: 43 Resp: 26454

Ion Ratio Lower Upper

43 100

58 31.4 0.0 63.0



#15

Methyl Acetate

Concen: 0.115 ug/L

RT: 4.23 min Scan# 420

Delta R.T. 0.04 min

Lab File: VR025784.D

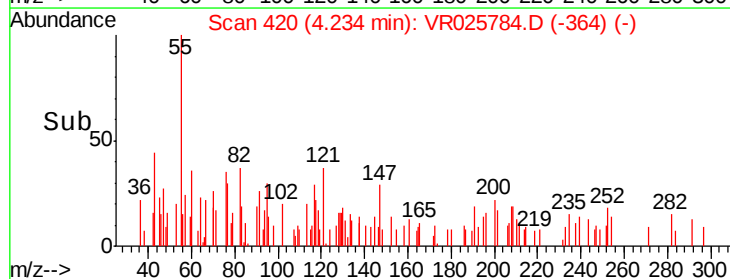
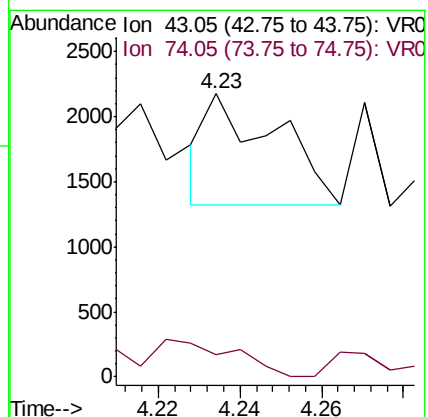
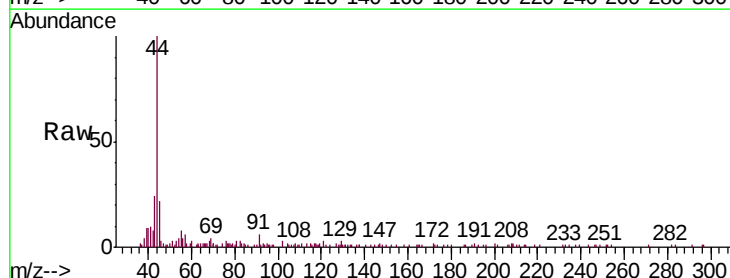
Acq: 20 Sep 2018 21:33

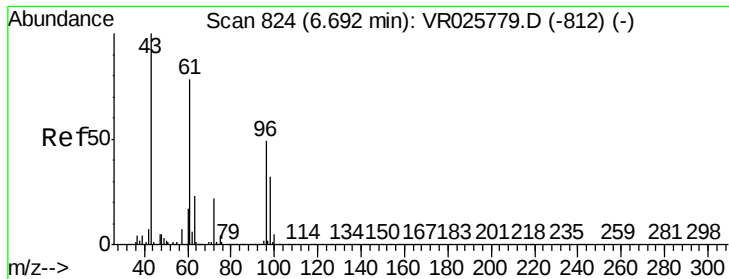
Tgt Ion: 43 Resp: 1008

Ion Ratio Lower Upper

43 100

74 47.6 21.1 31.7#

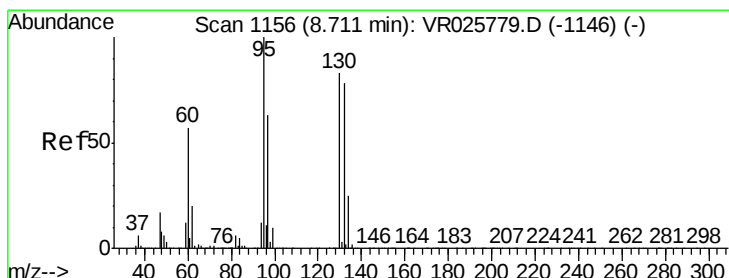
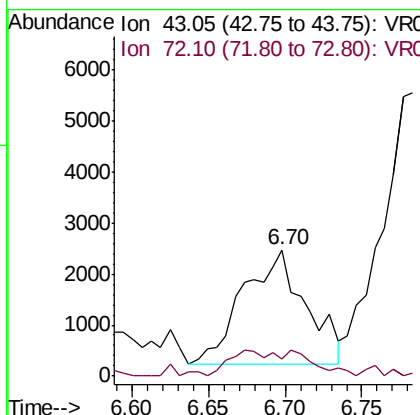
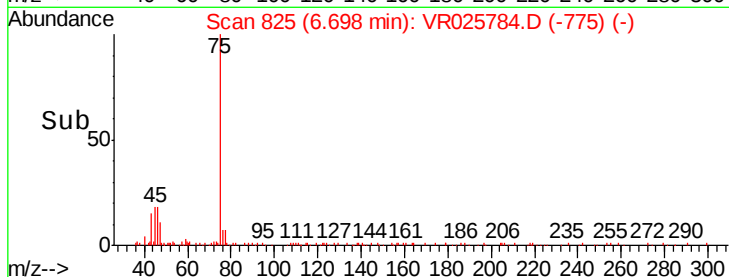
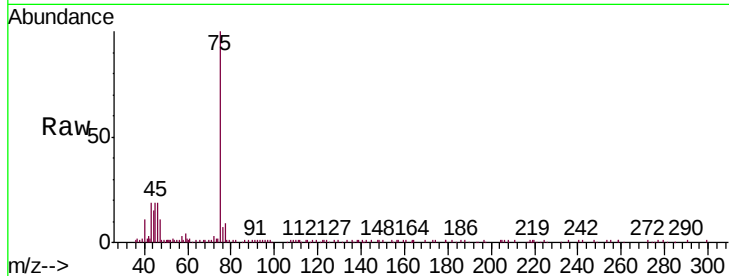




#21
2-Butanone
Concen: 1.167 ug/L
RT: 6.70 min Scan# 825
Delta R.T. 0.01 min
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Acq: 20 Sep 2018 21:33

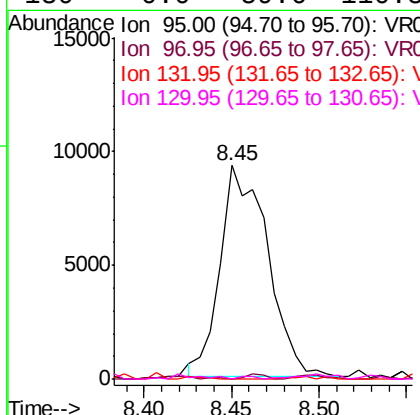
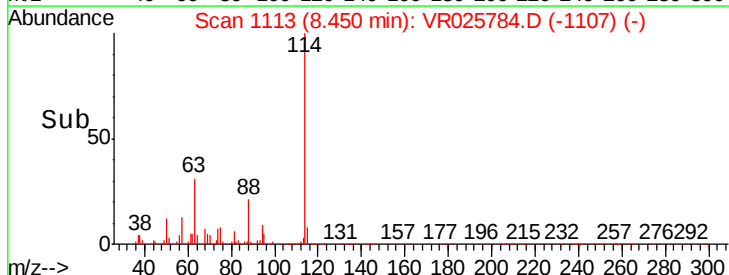
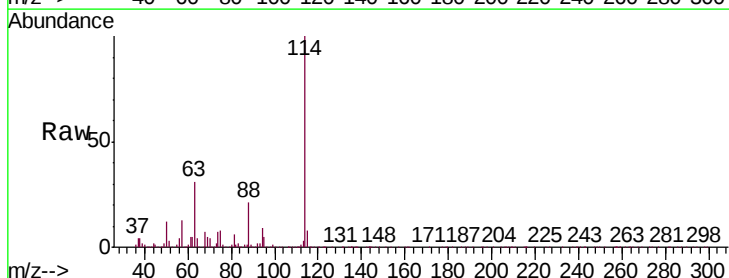
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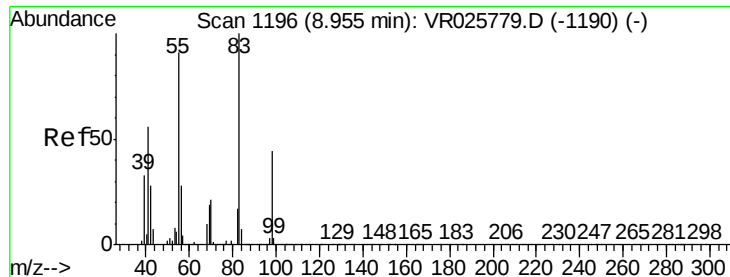
Tgt Ion: 43 Resp: 6355
Ion Ratio Lower Upper
43 100
72 12.5 12.4 37.0



#34
Trichloroethene
Concen: 0.318 ug/L
RT: 8.45 min Scan# 1113
Delta R.T. -0.26 min
Lab File: VR025784.D
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Tgt Ion: 95 Resp: 17422
Ion Ratio Lower Upper
95 100
97 0.0 46.2 85.8#
132 0.0 56.0 104.0#
130 0.0 59.6 110.8#

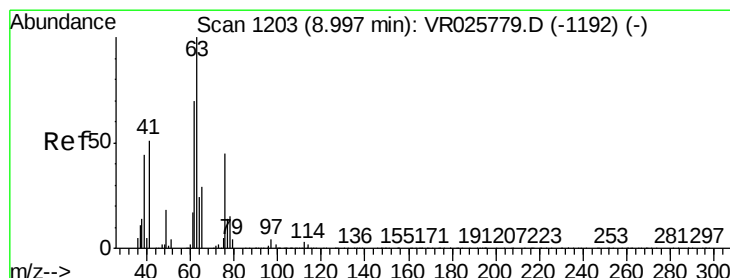
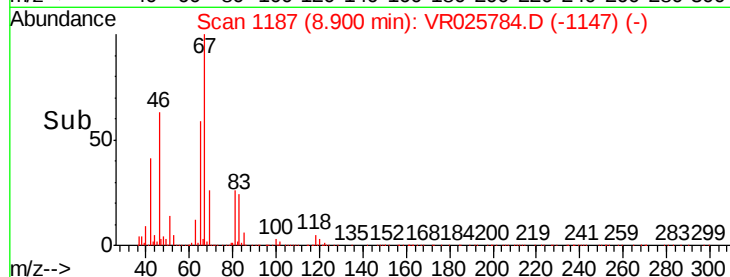
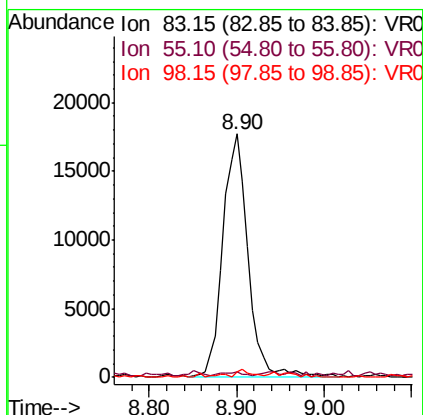
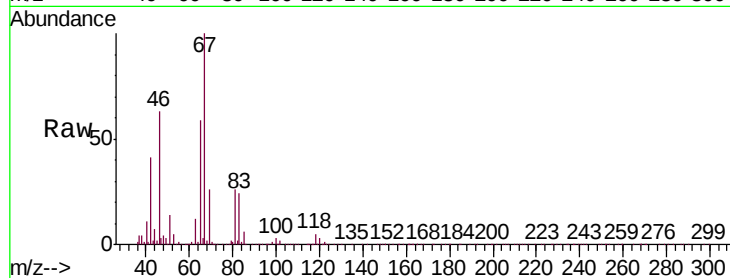




#35
Methylcyclohexane
Concen: 0.394 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025784.D
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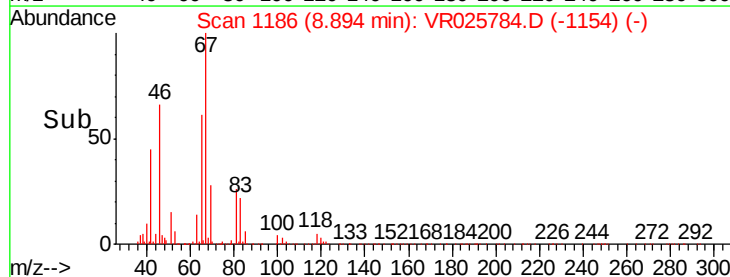
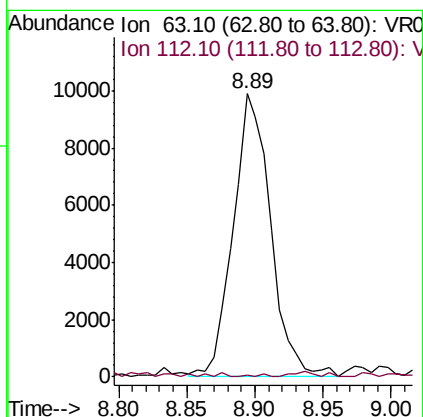
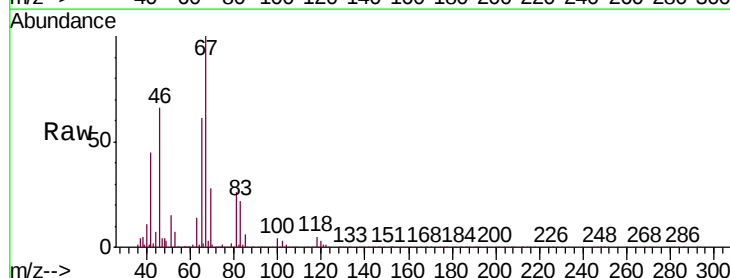
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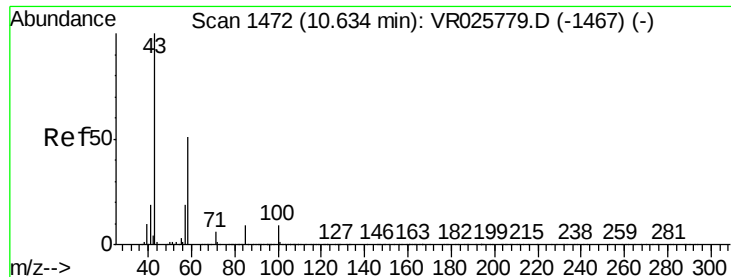
Tgt Ion: 83 Resp: 35472
Ion Ratio Lower Upper
83 100
55 1.2 70.3 105.5#
98 1.5 34.4 51.6#



#37
1,2-Dichloropropane
Concen: 0.440 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR025784.D
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Tgt Ion: 63 Resp: 19007
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.6#





#48
 2-Hexanone
 Concen: 2.508 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025784.D
 Acq: 20 Sep 2018 21:33

Instrument :
 MSVOA_R
 ClientSampleId :
 C0T28

Tgt Ion: 43 Resp: 25506
 Ion Ratio Lower Upper
 43 100
 58 21.7 39.9 59.9#
 57 20.2 14.3 21.5
 100 0.3 7.0 10.6#

