

Data File : VR025783.D
Acq On : 20 Sep 2018 21:01
Operator : SY/MD
Sample : J4991-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0T27

Quant Time: Sep 21 07:43:33 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	535889	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	425884	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	151533	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	102575	4.48	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	2.63	69	88240	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	3.61	63	159498	2.52	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.40%#
20) 2-Butanone-d5	6.59	46	220200	53.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.18%
24) Chloroform-d	7.20	84	278402	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	7.90	65	125573	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	7.85	84	474112	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	8.90	67	148069	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	9.97	98	368417	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	10.24	79	44261	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	10.59	63	183121	49.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.20%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68748	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	89748	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

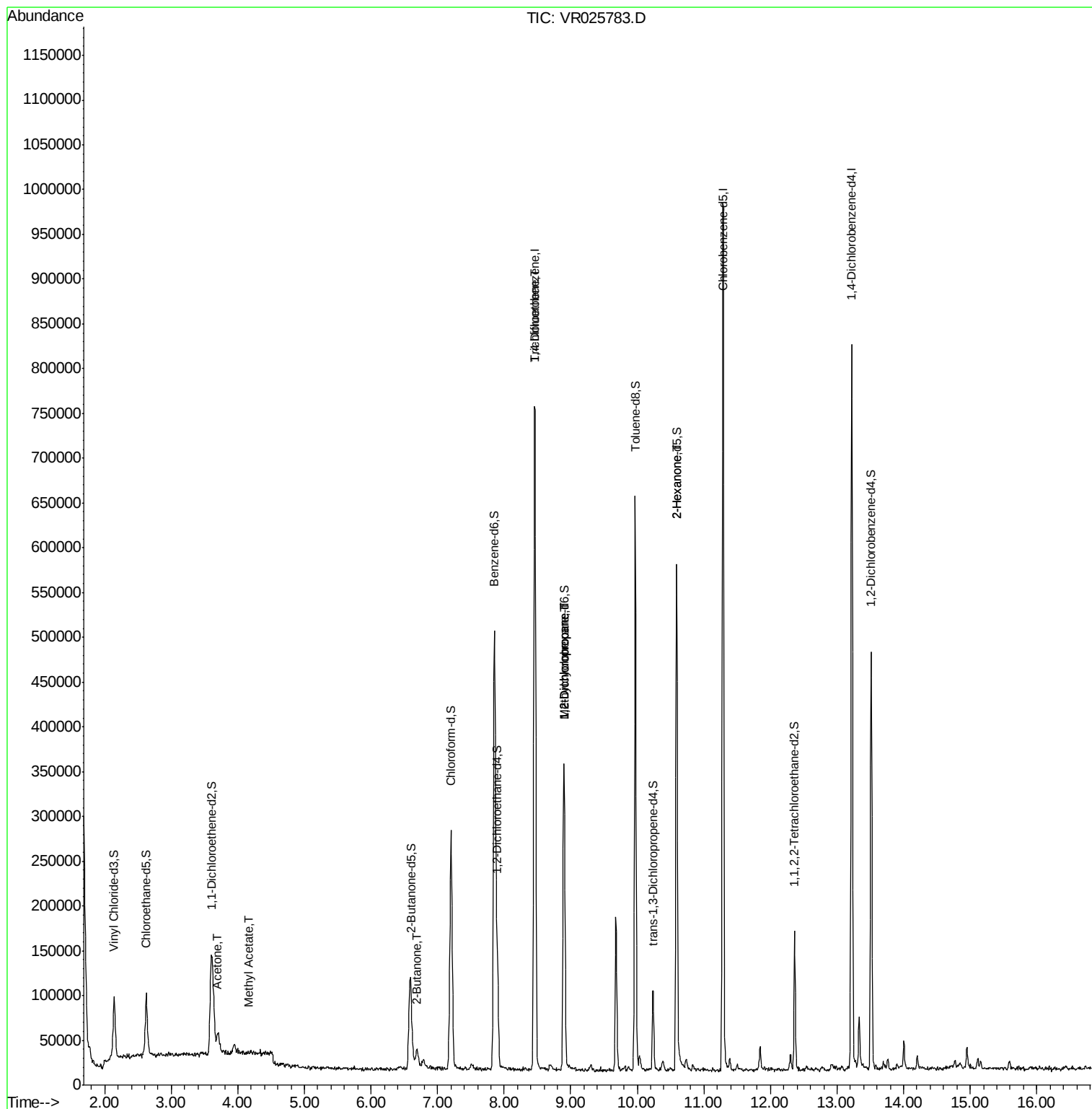
					Qvalue
13) Acetone	3.69	43	44480	20.378	ug/L 99
15) Methyl Acetate	4.17	43	1053	0.111	ug/L # 83
21) 2-Butanone	6.68	43	10865	1.839	ug/L 78
34) Trichloroethene	8.46	95	18980	0.319	ug/L # 11
35) Methylcyclohexane	8.90	83	36605	0.375	ug/L # 16
37) 1,2-Dichloropropane	8.89	63	20021	0.428	ug/L # 90
48) 2-Hexanone	10.59	43	26946	2.445	ug/L # 67

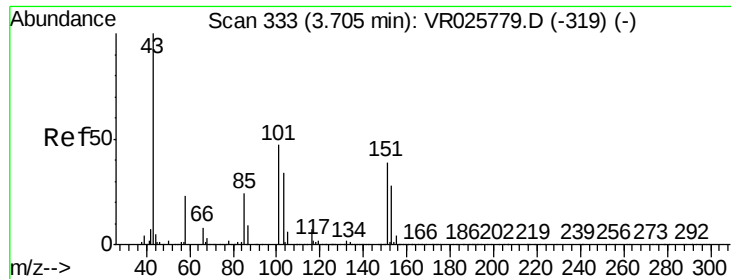
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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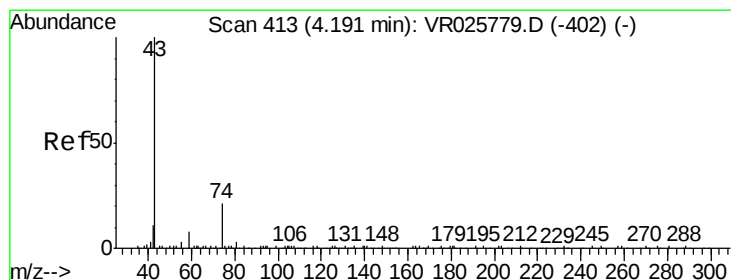
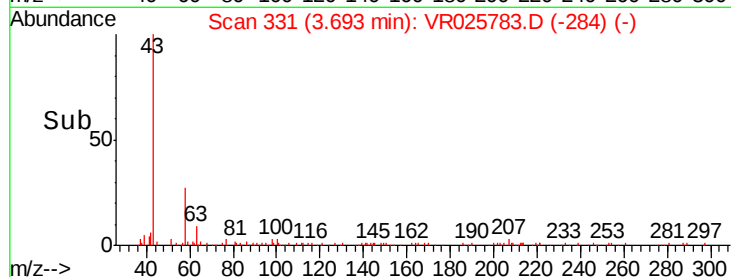
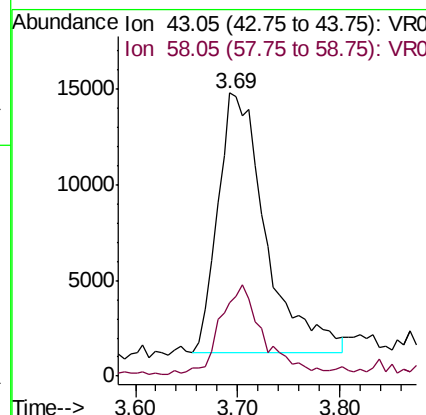
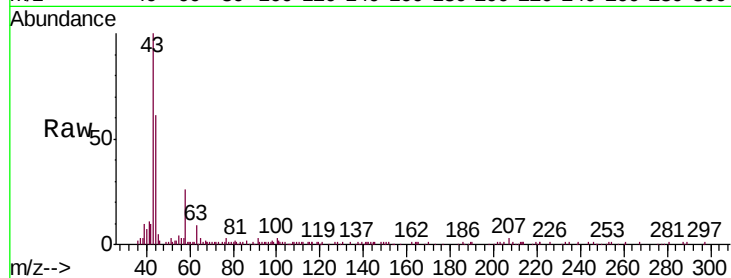




#13
Acetone
Concen: 20.378 ug/L
RT: 3.69 min Scan# 331
Delta R.T. -0.01 min
Lab File: VR025783.D
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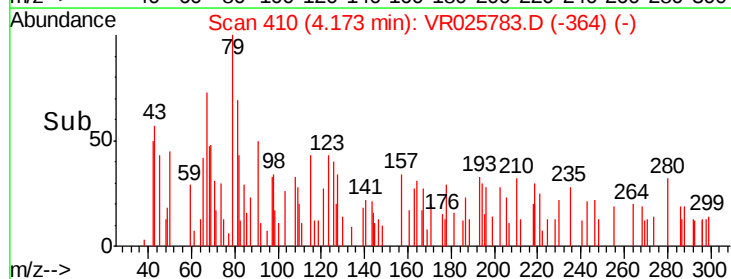
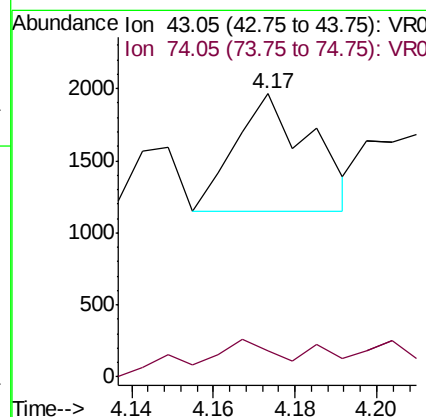
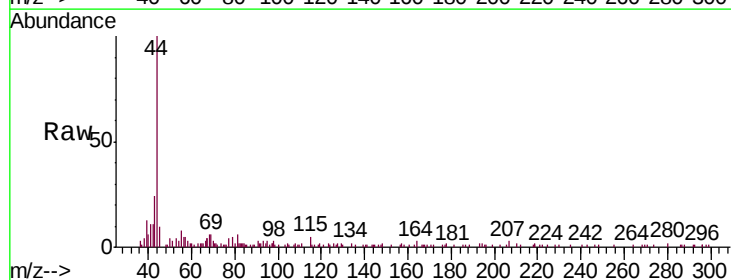
Instrument :
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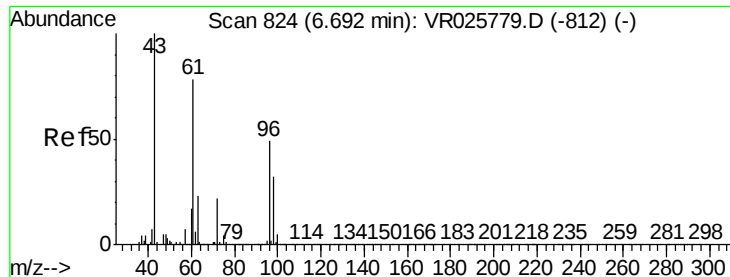
Tgt Ion: 43 Resp: 44480
Ion Ratio Lower Upper
43 100
58 30.7 0.0 63.0



#15
Methyl Acetate
Concen: 0.111 ug/L
RT: 4.17 min Scan# 410
Delta R.T. -0.02 min
Lab File: VR025783.D
Acq: 20 Sep 2018 21:01

Tgt Ion: 43 Resp: 1053
Ion Ratio Lower Upper
43 100
74 35.0 21.1 31.7#

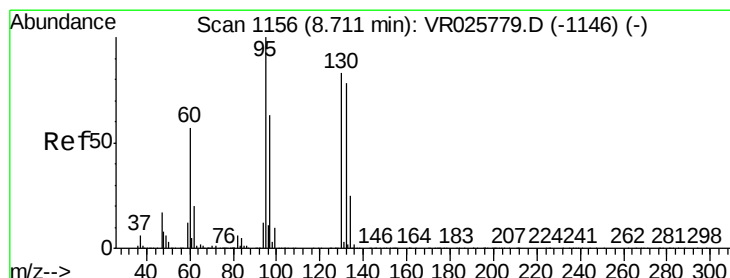
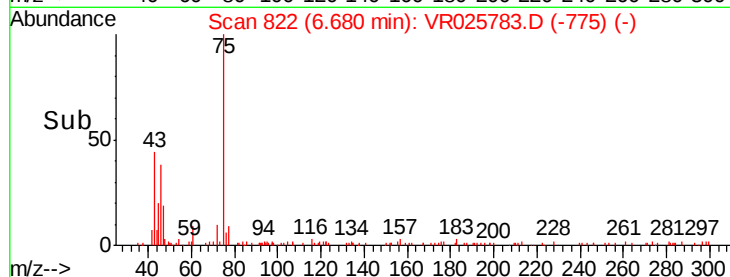
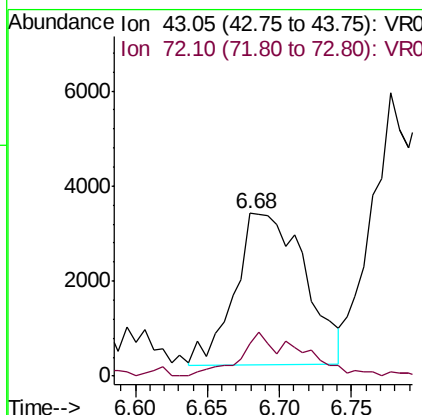
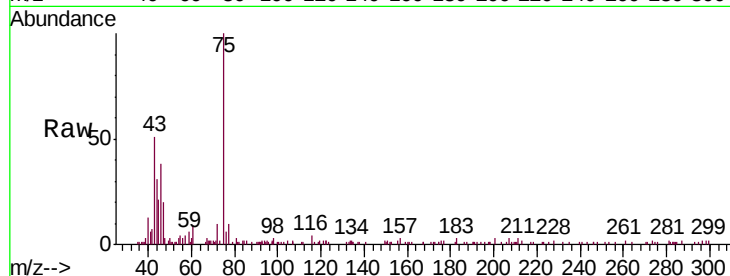




#21
2-Butanone
Concen: 1.839 ug/L
RT: 6.68 min Scan# 822
Delta R.T. -0.01 min
Lab File: VR025783.D
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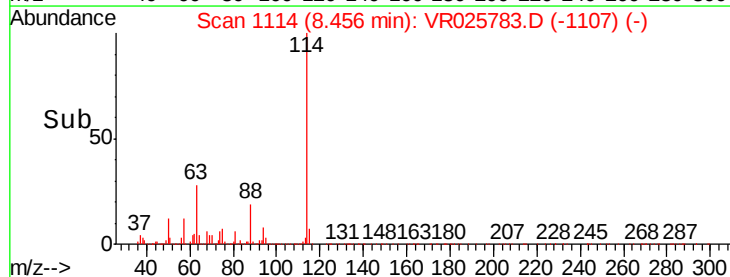
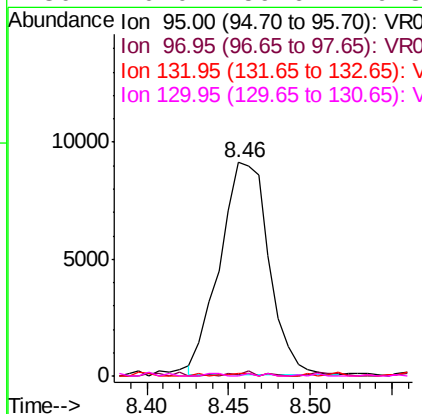
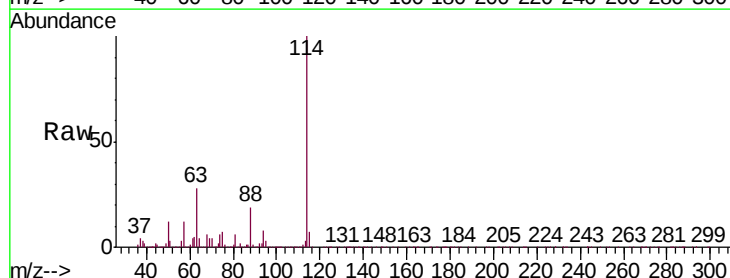
Instrument :
MSVOA_R
ClientSampleId :
C0T27

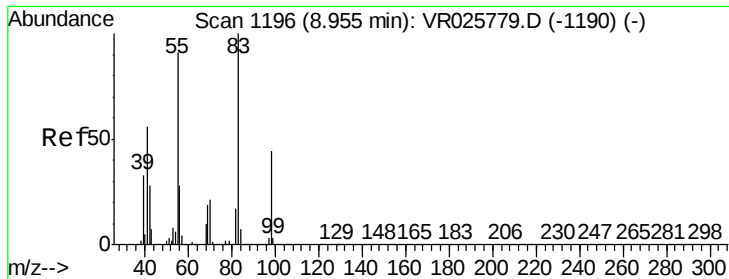
Tgt Ion: 43 Resp: 10865
Ion Ratio Lower Upper
43 100
72 13.5 12.4 37.0



#34
Trichloroethene
Concen: 0.319 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.26 min
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Tgt Ion: 95 Resp: 18980
Ion Ratio Lower Upper
95 100
97 0.6 46.2 85.8#
132 1.2 56.0 104.0#
130 0.0 59.6 110.8#

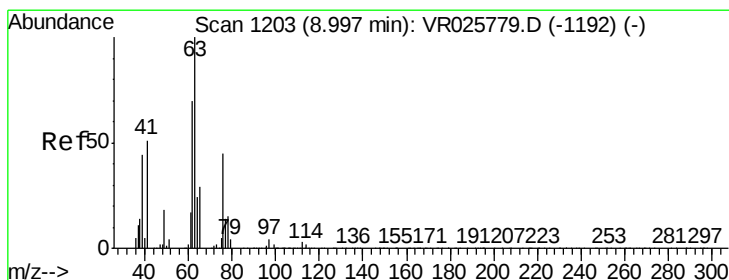
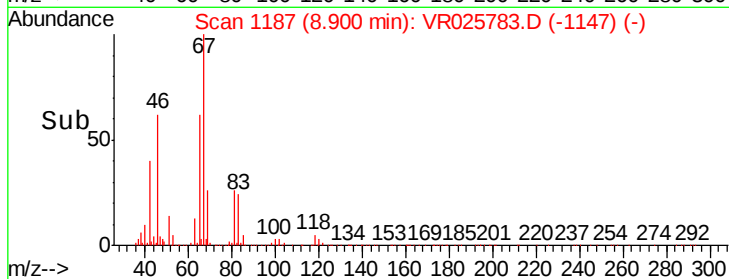
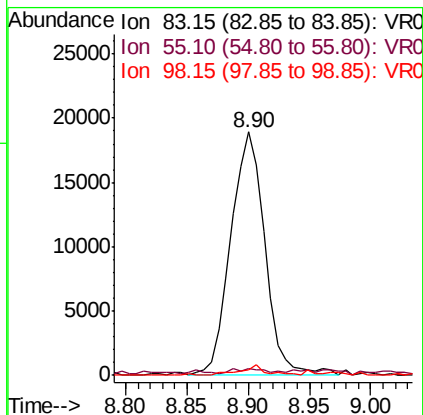
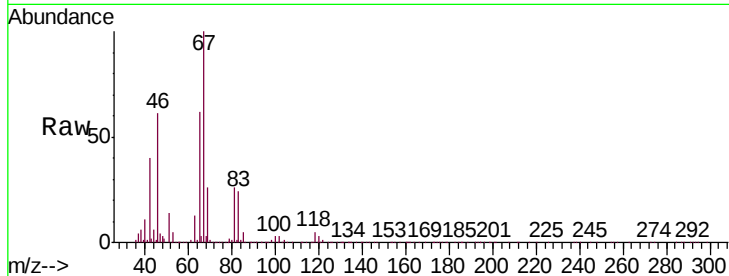




#35
Methylcyclohexane
Concen: 0.375 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025783.D
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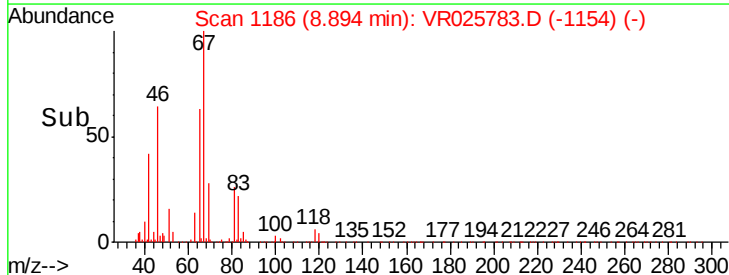
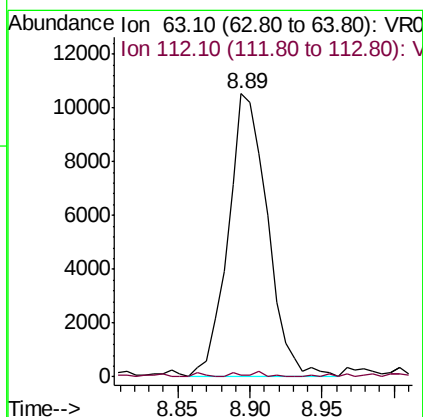
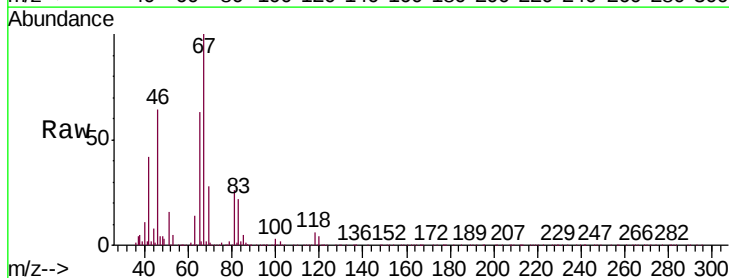
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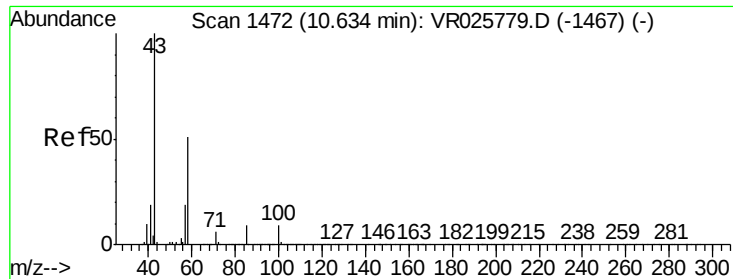
Tgt Ion: 83 Resp: 36605
Ion Ratio Lower Upper
83 100
55 0.6 70.3 105.5#
98 2.5 34.4 51.6#



#37
1,2-Dichloropropane
Concen: 0.428 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR025783.D
Acq: 20 Sep 2018 21:01

Tgt Ion: 63 Resp: 20021
Ion Ratio Lower Upper
63 100
112 0.5 3.0 4.6#





#48

2-Hexanone

Concen: 2.445 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

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Instrument :

MSVOA_R

ClientSampleId :

C0T27

Tgt Ion: 43 Resp: 26946

Ion Ratio Lower Upper

43 100

58 19.6 39.9 59.9#

57 20.2 14.3 21.5

100 0.4 7.0 10.6#

