

Data File : VU036855.D
Acq On : 19 Feb 2020 18:31
Operator : JC/MD
Sample : L1580-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBDK2

Quant Time: Feb 20 04:50:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 20 04:46:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	138874	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	129425	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	58618	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	46110	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.93	69	43769	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.59	63	66659	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.68	46	122124	48.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.52%
24) Chloroform-d	5.11	84	80735	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.74	65	46792	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.76	84	177748	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.73	67	56782	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.93	98	162373	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.20	79	20262	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.66	63	102380	46.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.36%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41693	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	52244	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

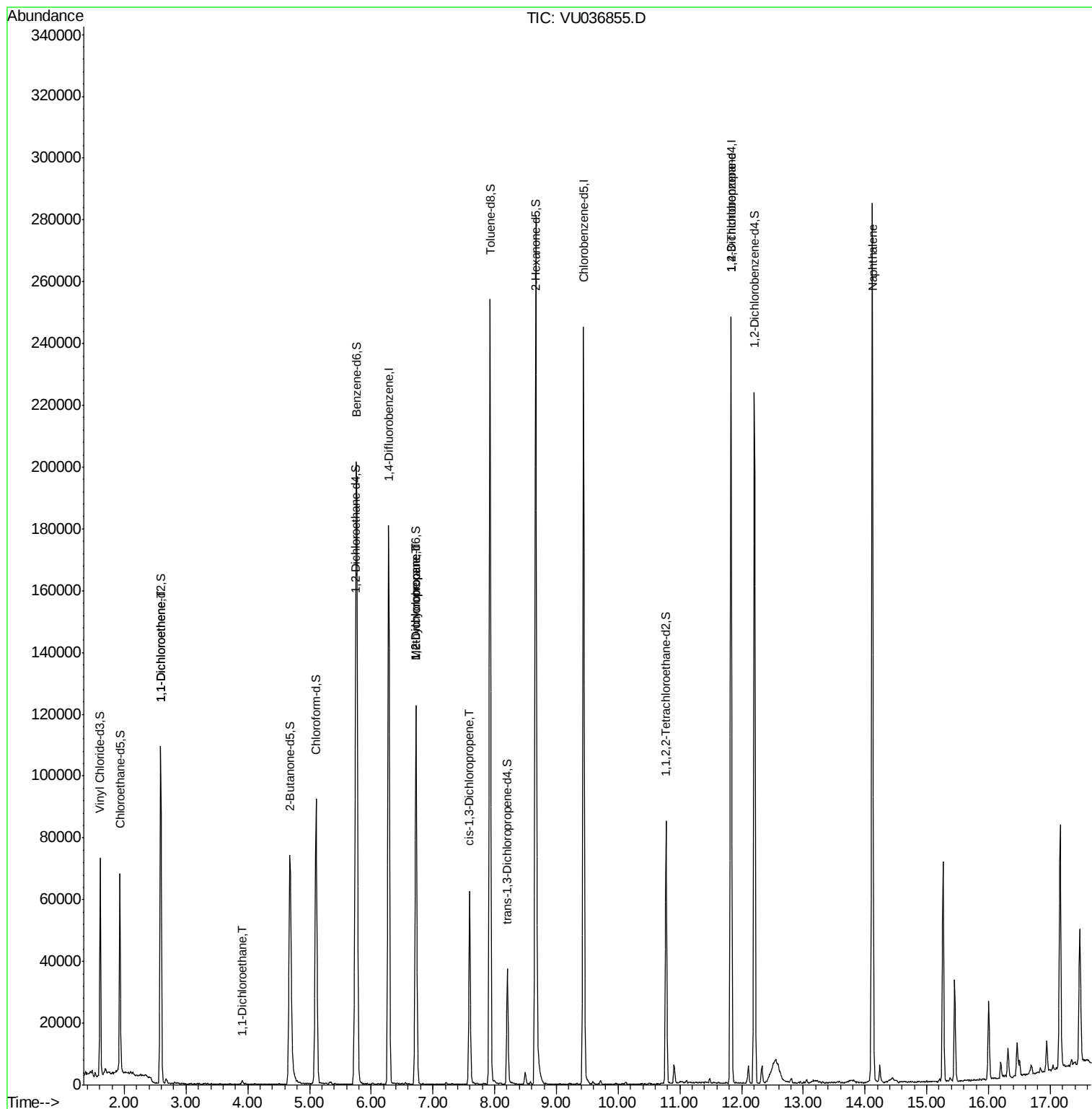
					Qvalue
12) 1,1-Dichloroethene	2.59	96	553	0.065 ug/L #	1
19) 1,1-Dichloroethane	3.92	63	1521	0.083 ug/L #	89
35) Methylcyclohexane	6.72	83	12368	0.767 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	6541	0.600 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1577	0.100 ug/L	83
59) 1,2,3-Trichloropropane	11.83	75	8976	1.247 ug/L	91
69) Naphthalene	14.12	128	220836	11.369 ug/L	99

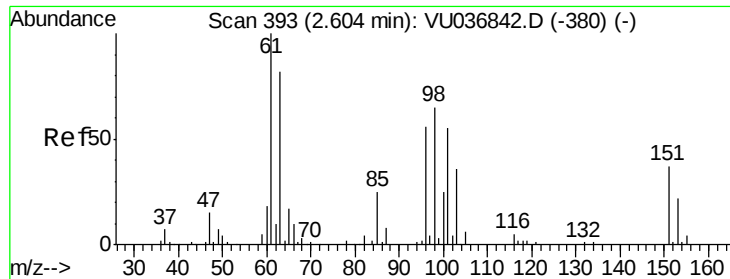
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU036855.D

Acq: 19 Feb 2020 18:31

Instrument :

MSVOA_U

ClientSampled :

DBDK2

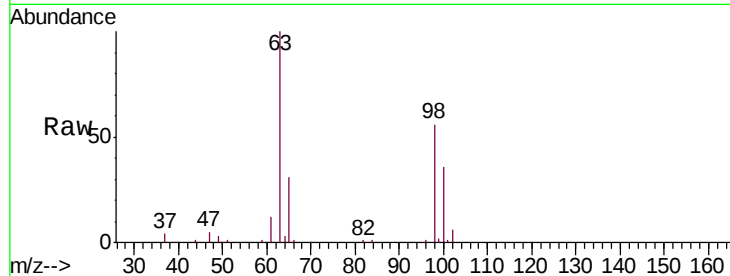
Tgt Ion: 96 Resp: 553

Ion Ratio Lower Upper

96 100

61 1439.1 126.4 234.8#

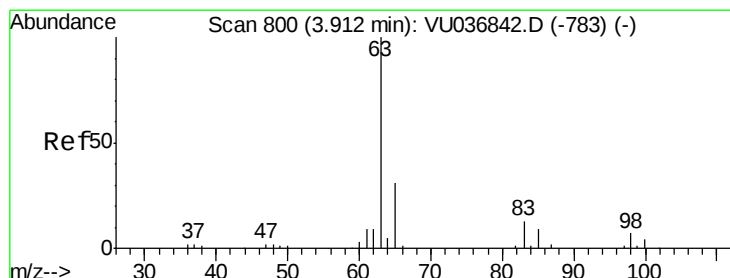
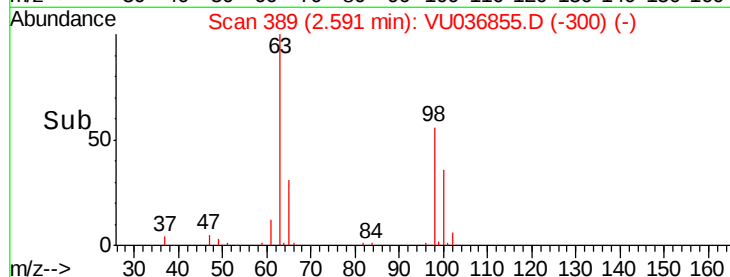
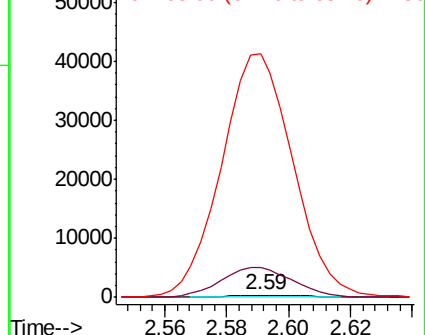
63 11859.8 89.5 166.3#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#19

1,1-Dichloroethane

Concen: 0.083 ug/L

RT: 3.92 min Scan# 801

Delta R.T. 0.00 min

Lab File: VU036855.D

Acq: 19 Feb 2020 18:31

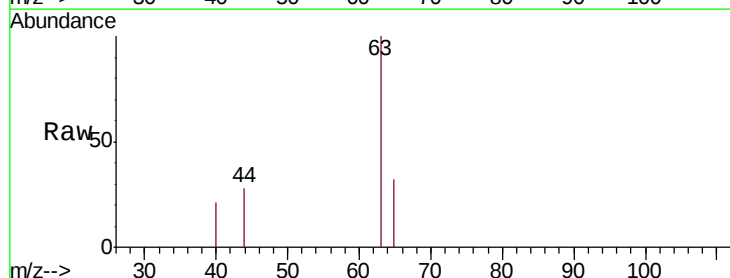
Tgt Ion: 63 Resp: 1521

Ion Ratio Lower Upper

63 100

65 32.2 21.6 40.2

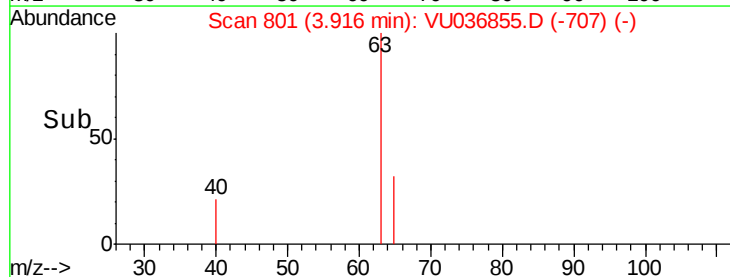
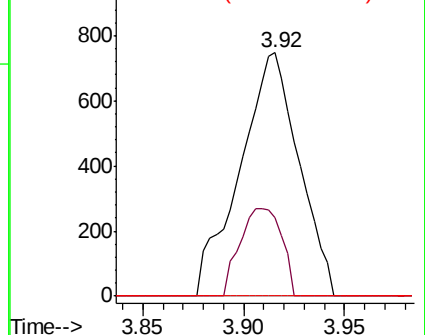
83 0.0 8.8 16.3#

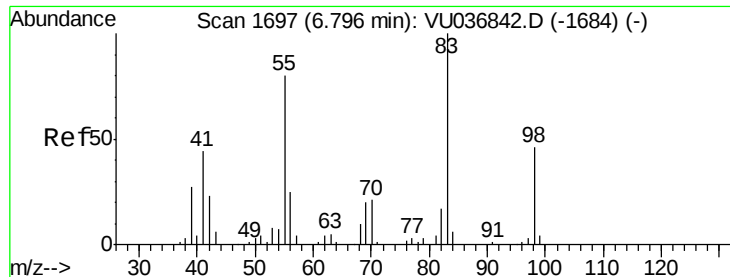


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0

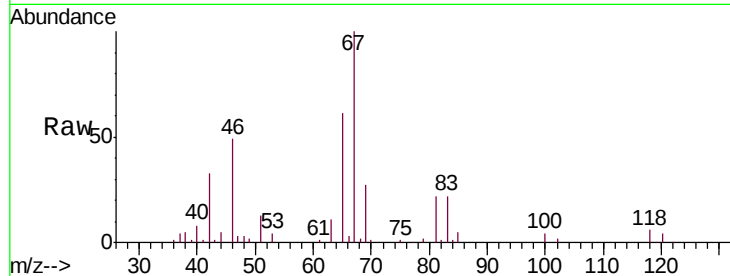




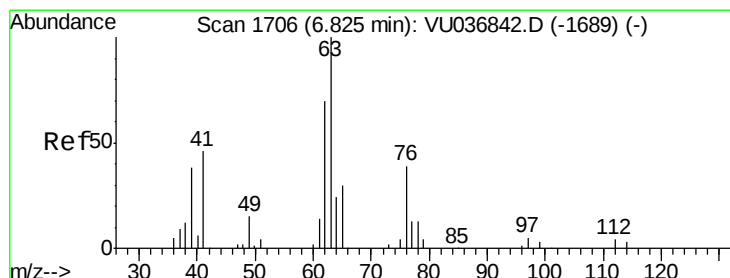
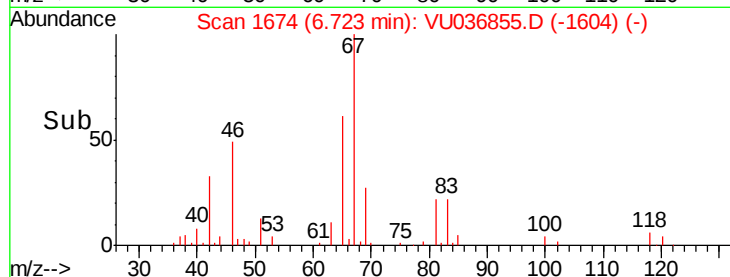
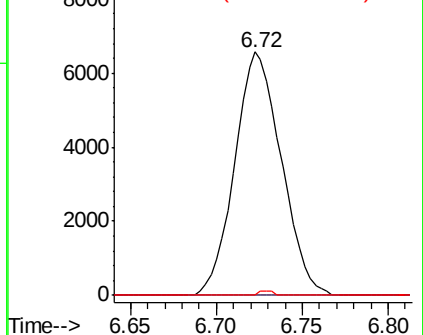
#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
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Tgt Ion: 83 Resp: 12368
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.5 34.2 51.4#

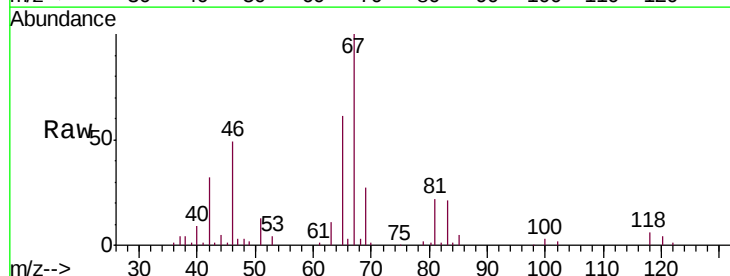


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

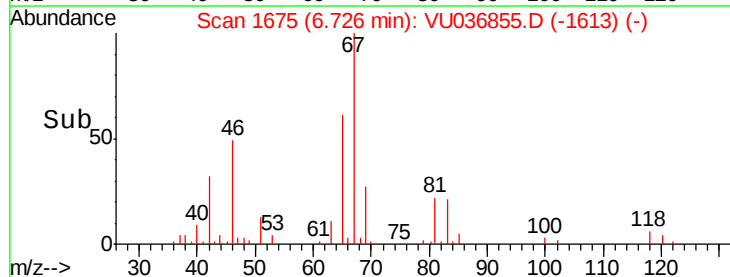
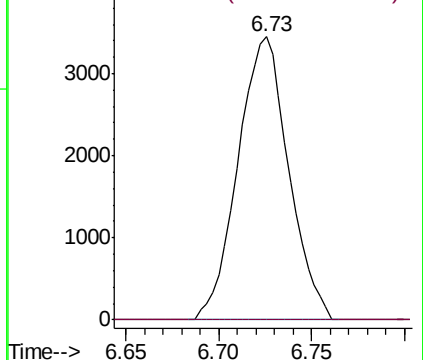


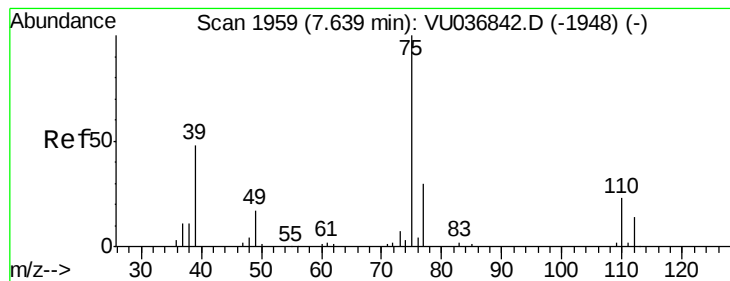
#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036855.D
Acq: 19 Feb 2020 18:31

Tgt Ion: 63 Resp: 6541
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



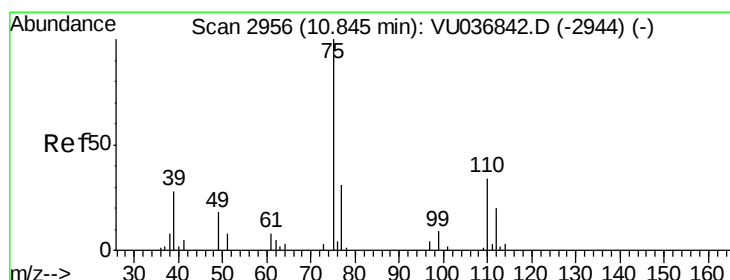
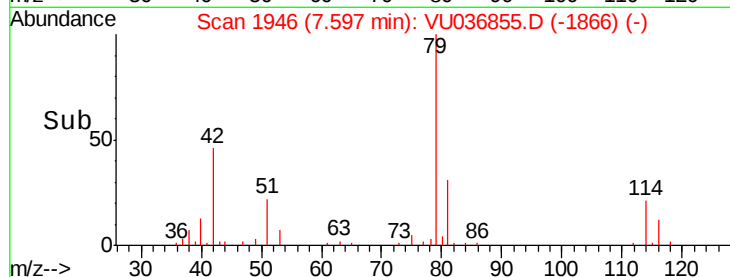
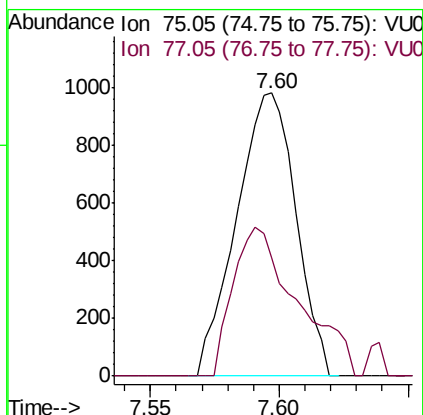
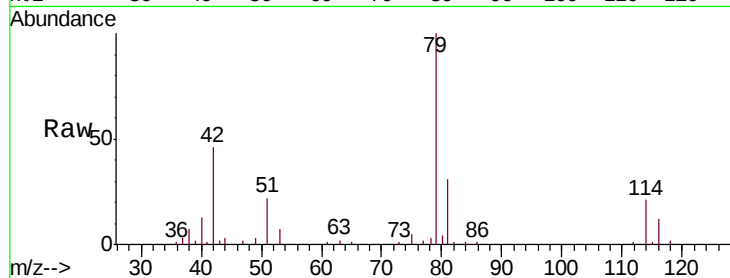


#39

cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.04 min
Lab File: VU036855.D
Acq: 19 Feb 2020 18:31

Instrument :
MSVOA_U
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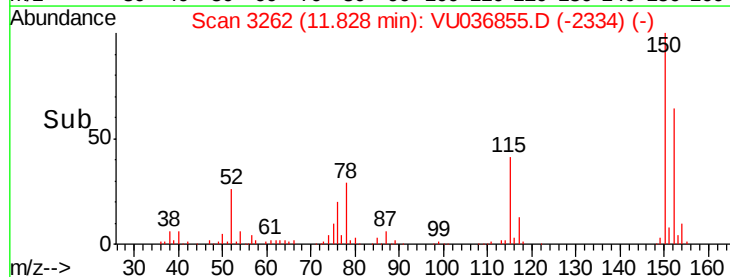
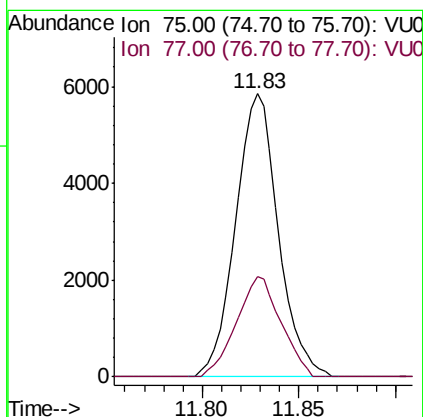
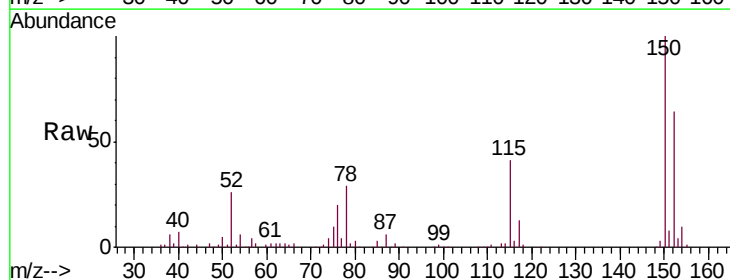
Tgt Ion: 75 Resp: 1577
Ion Ratio Lower Upper
75 100
77 41.8 22.5 41.9

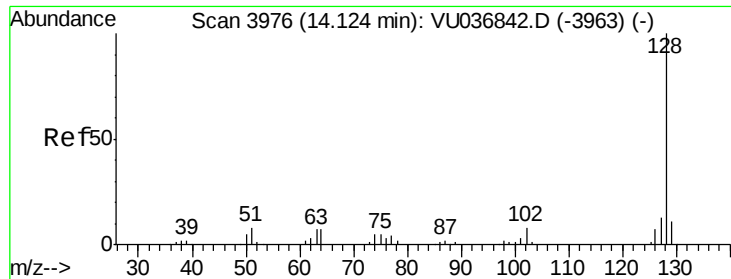


#59

1,2,3-Trichloropropane
Concen: 1.247 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.98 min
Lab File: VU036855.D
Acq: 19 Feb 2020 18:31

Tgt Ion: 75 Resp: 8976
Ion Ratio Lower Upper
75 100
77 36.9 25.6 38.4





#69

Naphthalene

Concen: 11.369 ug/L

RT: 14.12 min Scan# 3974

Delta R.T. -0.01 min

Lab File: VU036855.D

Acq: 19 Feb 2020 18:31

Instrument :

MSVOA_U

ClientSampleId :

DBDK2

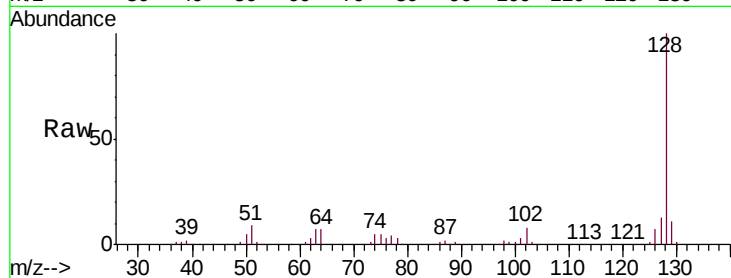
Tgt Ion:128 Resp: 220836

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

